



# **Request For Proposals**

## **Replacement Service Vehicles For FY 2019**

**RFP No. FQ18126/DYB**

**Date: March 2018**

Date: March 23, 2018

SUBJECT: Replacement Vehicles (for fiscal year 2019)

Dear Sir/Madam:

Washington Metropolitan Area Transit Authority's (WMATA) Office of Vehicle Services is soliciting proposals to award a contract for purchase and delivery of **ninety-seven (97)** Replacement Service Vehicles. The vehicles are scheduled to be purchased during Fiscal Year 2019 (effective July 1, 2018 through June 30, 2019).

Vehicles are specified in Part III of the RFP: The vehicles are necessary to support WMATA's Offices of Operations, Maintenance, Safety and Security for Metro Bus and Rail Systems. The Vehicles will replace existing vehicles that have met WMATA's criteria in terms of years of service and/or mileage and are beyond the point of economical repair.

The vehicles must be new and include all standard equipment and meet all the requirements stated in the RFP's technical specifications. Additionally, vehicles must comply with applicable Federal, State and Local laws, emissions, environmental, safety and health regulations that are in force at the time of delivery.

Vehicles exterior must be free of any advertising (company names, trade names, etc.).

*This RFP does not contain a DBE goal.*

If you have any technical, contractual, or administrative questions, please e-mail them to [JBowe@wmata.com](mailto:JBowe@wmata.com) no later than close of business, April 9, 2018. WMATA will provide written answers by e-mail to all those who obtain the RFP and provide their e-mail addresses. If amendment(s) is issued resulting from questions and answers, it will be posted on our website, and a copy will be mailed to all offerors so that they can acknowledge receipt.

Your proposal must be received with all required submittals as stated in the RFP, no later than 2:00PM, May 2, 2018 at WMATA, Office of Procurement and Materials, 600 Fifth Street, NW, Room 3C-02, Washington, DC 20001-2651.

The following documents must be completed, signed and submitted with your company's Proposal in the proper volumes as specified:

Price Schedule;  
Exhibit-1- Vehicle Specifications  
Solicitation, Offer & Award form;  
Pre-Award Survey;  
Representations and Certifications;  
Certificate(s) of Insurance;

Sincerely,

*Lisa Dunlap*

Contracting Officer  
Office of Procurement and Materials

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**DIRECTIONS FOR SUBMITTING OFFERS**

1. Read and comply with the solicitation instructions.
2. Envelopes containing technical and price proposals must be sealed and separately marked and addressed to:

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
600 5<sup>th</sup> Street, N.W.  
Washington, DC 20001  
Room 3C-02  
Attn: Lisa Dunlap or Joseph Bowe

**ALL ENVELOPES OR PACKAGES MUST BE SEPARATELY MARKED WITH THE SOLICITATION NUMBER AS SPECIFIED HEREWITH.**

**PROPOSALS SHALL BE TIMELY MAILED OR HAND DELIVERED TO REACH WMATA BEFORE 2:00 P.M. (LOCAL TIME) May 2, 2018 ON DAY OF PROPOSAL CLOSING.**

## **NOTICE TO OFFERORS**

IN ORDER TO ENSURE THAT YOUR PROPOSAL COMPLIES WITH THE AUTHORITY'S PROCUREMENT REGULATIONS AND THAT IT WILL BE ACCEPTABLE TO THE AUTHORITY, THE FOLLOWING FORMS MUST BE COMPLETED & SUBMITTED AS SPECIFIED BELOW WITH YOUR OFFER:

- SOLICITATION, OFFER & AWARD FORM (Must be signed.) - VOLUME III
- PRICE SCHEDULE- VOLUME I
- REPRESENTATIONS AND CERTIFICATIONS- VOLUME III
- PRE-AWARD DATA- VOLUME III
- ACKNOWLEDGMENT OF AMENDMENTS (IF ANY)- VOLUME III
- TECHICAL PROPOSAL- VOLUME II
- PROOF OF INSURANCE ELIGIBILITY - VOLUME III
- APPENDIX B (IF APPLICABLE) - VOLUME III **N/A**
- APPENDIX B-1 (IF APPLICABLE)-VOLUME III **N/A**

**FAILURE TO SUBMIT ANY PORTION OF THESE REQUIREMENTS AS SPECIFIED MAY CAUSE YOUR PROPOSAL TO BE CONSIDERED NONRESPONSIVE AND SUBSEQUENTLY REJECTED.**

Questions concerning this Request for Proposals may be directed to Joe Bowe @ 202 962 -2530 [JBowe@wmata.com](mailto:JBowe@wmata.com) OR, Lisa Dunlap at [ldunlap@wmata.com](mailto:ldunlap@wmata.com) or 202 962-1516

## **NOTICE TO ALL VENDORS**

Please be advised that all vendors and contractors who do business with the Washington Metropolitan Area Transit Authority (WMATA) must register in the WMATA Vendor Registration System. Registration is located at <http://www.wmata.com>  
*New Vendor Registration.*

If you are a vendor or contractor and *HAVE* done business with WMATA in the past, please electronically request your company's User ID and Password at <http://www.wmata.com>  
*Forgot User Id/Password.*

### Registered Vendor Benefits:

- Visibility to WMATA contract administrators and/or purchasing agents during the purchasing decision period;
- Visibility to other 17,500 registered vendors for possible business opportunities;
- Opportunity to update online, company information such as an e-mail address or contact person on-line;
- Ability to sign up for electronic payment option; and
- Ability to electronically reset user id and password.

Any questions regarding registration may be sent to [clm@wmata.com](mailto:clm@wmata.com).

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
 SUPPLY AND SERVICE CONTRACT RFP-CQ10-112ETD



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
**SOLICITATION, OFFER AND AWARD**

CONTRACT NO.  FQ18126	SOLICITATION NO. RFP NO. FQ18126/DYB  <input type="checkbox"/> ADVERTISED <input checked="" type="checkbox"/> NEGOTIATED	DATE ISSUED	ADDRESS OFFER TO OFFICE OF PROCUREMENT Office of Procurement 600 Fifth Street NW Washington, DC 20001
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**SOLICITATION**

Sealed offer in **One (1)** original and Three (3) copies for furnishing the supplies or services in the schedules will be received at Authority until **2:00 P.M.** Local time April 25, 2018  
 (Hour) (Date)

**CAUTION – LATE OFFERS:** See paragraph 6 of Solicitation Instructions.

All offers are subject to the following:

1. The Solicitation Instructions that are attached.
2. The Terms and Conditions that are attached.
3. The Price Schedule included herein and/or attached hereto.
4. Such other provisions, representations, certifications, and specifications, as are attached or incorporated herein by reference.

**Proposer's E-mail** \_\_\_\_\_

**Proposer's Phone Number** \_\_\_\_\_

**Proposer's Fax Number** \_\_\_\_\_

**SCHEDULE**

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<b>See attached Schedule of Prices for details</b>				\$
	(Continued on the attached pages)				

DUN & BRADSTREET ID NUMBER: \_\_\_\_\_

**OFFEROR**

Name and Address (Street, city, county, state, and zip code)	Name and Title of Person Authorized to Sign Offer (Print or Type)
<input type="checkbox"/> Check if remittance is different from above — enter such address in Schedule	Signature <span style="float: right;">Offer Date</span>

**AWARD (To be completed by The Authority)**

ACCEPTANCE AND AWARD ARE HEREBY MADE FOR THE FOLLOWING ITEM(S):

ITEM NO.	QUANTITY	UNIT	UNIT PRICE

The total amount of this award is \$ \_\_\_\_\_

\_\_\_\_\_  
 Name of Contracting Officer (Print of Type) WASHINGTON METROPOLITAN TRANSIT AUTHORITY AWARD DATE

**SOLICITATION, OFFER AND AWARD**

**CONTINUATION SHEET**

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THE FOLLOWING AMENDMENTS

TO SOLICITATION   **RFP No. FQ18126/DYB**  

Amendment Number _____	Dated _____
Amendment Number _____	Dated _____
Amendment Number _____	Dated _____
Amendment Number _____	Dated _____
Amendment Number _____	Dated _____
Amendment Number _____	Dated _____

**Failure to acknowledge receipt of all amendments may render the offer unacceptable.**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date



**PRICE SCHEDULE SHEET**

The following prices contain all associated cost in delivering ninety (97) service vehicles to the identified location; to include but not limited to manufacturing, transportation, warranty, etc. as specified herein Part III "Technical Specifications" contained herein.

**PRICE SCHEDULE SHEET**

Qty.	ITEM:	New Vehicle Description	Unit Price	Total Price
1	1	PASSENGER SEDAN MID-SIZE		
5	2	PASSENGER TRUCK SMALL-SIZE 4WD PLAIN		
6	3	PASSENGER TRUCK MID-SIZE 4WD PLAIN		
2	4	PASSENGER UTILITY TRUCK MID-SIZE 4WD w/ LIGHT BAR, STROBES, CHEVRONS (SAFE)		
21	5	PASSENGER UTILITY TRUCK MID-SIZE 4WD w/ LIGHT BAR, STROBES, ARROW LIGHT, CHEVRONS, LAP TOP MOUNT, INVERTER (SOM)		
1	6	PASSENGER TRUCK FULL-SIZE 4WD		
2	7	PASSENGER VAN FULL SIZE 0.5 TON RWD SRW 8 PASS		
3	8	CARGO VAN SMALL-SIZE LONG WB w/ INVERTER		
2	9A	CARGO VAN FULL SIZE 0.5 TON RWD SRW LOW ROOF w/ GENERAL STORAGE PKG.		
2	9B	CARGO VAN FULL SIZE 0.5 TON RWD SRW LOW ROOF w/ ELECTRICAL STORAGE PKG., STROBES		
1	10	CARGO VAN FULL SIZE 0.75 TON RWD SRW MID ROOF REG LENGTH GAS w/ STORAGE PKG, INVERTER, STROBES, ARROW, TOW PKG, LADDER RACK, CHEVRON		
1	11	CARGO VAN FULL SIZE 1.0 TON RWD SRW LOW ROOF REG LENGTH w/ HVAC STORAGE PKG, INVERTER, STROBES, ARROW, TOW PKG, LADDER RACK, CHEVRON, TANK HOLDERS		
1	12	HIGH CUBE VAN 1.5 TON RWD DRW 158" WB w/ LIFT GATE		
6	13	PICKUP TRUCK MID-SIZE CC 4WD SRW SHORT BED		
1	14A	PICKUP TRUCK 1.0 TON RC 4WD SRW 8 FT w/ CAB GUARD, PLOW, SPREADER, LIGHT BAR, STROBES, TOW PKG.		
1	14B	PICKUP TRUCK 1.0 TON RC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, PLOW, TG SPREADER, LIGHT BAR, STROBES, TOW PKG.		
2	15	PICKUP TRUCK 1.0 TON EC 4WD SRW 8 FT w/ CAB GUARD, PLOW, TG SPREADER, LIGHT BAR, STROBES, TOW PKG., CHEVRON		
1	16A	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT PLAIN		
25	16B	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, STROBES, TOW PKG		

2	16C	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, PLOW, TG SPREADER, STROBES, TOW PKG, CHEVRON		
2	16D	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, PLOW, SPREADER, LIGHT BAR, STROBES, TOW PKG.		
2	17A	UTILITY TRUCK OPEN BODY 9 FT 1.0 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, TOW PKG		
1	17B	UTILITY TRUCK OPEN BODY 9 FT 1.0 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, TOW PKG, INVERTER, STROBES, CHEVRON		
1	18	UTILITY TRUCK OPEN BODY 9 FT 1.5 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, STROBES, TOW PKG		
1	19A	STAKE BODY TRUCK 12 FT 1.5 TON RC 4WD DRW DSL w/ LIFTGATE, STROBES, UNDERBODY TOOL BOXES		
2	19B	STAKE BODY TRUCK 12 FT 1.5 TON RC 4WD DRW DSL w/ PLOW, SPREADER, LIGHT BAR, STROBES, UNDERBODY TOOL BOXES		
1	20	STAKE BODY DUMP TRUCK 2.0 TON CC RWD DRW 12 FT BODY w/ TOOLBOX, PLOW, SPREADER		
1	21	DUMP TRUCK CC RWD DRW 9 FT BODY DSL w/ TOOL BOX, PLOW, SPREADER		

**Total Price**     \$ \_\_\_\_\_

If Offeror elects to propose an "equal product specifications" then descriptive literature also must be **included with Volume II, Technical Proposal**.

Is Offeror proposing an equal product specification?    \_\_\_\_\_ yes    \_\_\_\_\_ no

Offeror must identify lead time for fully **specified vehicles**; this includes Manufacturing time, dealership Delivery time to include installation time for additional equipment. Delivery and acceptance for all items must be completed by June 30, 2019.

**Upon Notification of Contract Award, Vehicle Deliveries will be \_\_\_\_\_ days: Attached additional information if required.**

Firm's Name \_\_\_\_\_  
 Authorize Signature \_\_\_\_\_  
 Date \_\_\_\_\_  
 Phone Number \_\_\_\_\_

**RFP SOLICITATION INSTRUCTIONS**

**1. INTRODUCTION**

- (a) The Authority seeks to award a contract for purchasing and delivery of ninety-seven (97) operational replacement vehicles: Vehicles are scheduled to be purchased during Fiscal Year 2019 (effective July 1, 2018 through June 30, 2019). Technical Specifications are identified in Part III of this RFP.

To that end, it is issuing this Request for Proposals (RFP) to solicit proposals from qualified firms and individuals who can satisfy the requirements described herein.

- (b) Since this is a Low Price Technically Acceptable (LPTA) solicitation, award of Contract (s) hereunder shall be to the offeror(s) whose proposal(s) deemed by the Authority as satisfying all technical requirements for acceptability stated in the solicitation and offers the lowest price of those satisfying all such requirements.

**2. GOODS TO BE FURNISHED/SERVICES TO BE SUPPLIED**

In preparing their proposals, offerors are advised that:

- (a) If “services” are to be performed pursuant to this solicitation, they must be provided in all respects as specified in the Contract and include the services to be furnished, together with any labor, materials or other work necessary for satisfactory and complete performance.
- (b) If “supplies” are to be provided pursuant to this solicitation, they must be delivered in all respects as specified in the Contract and include the items to be furnished, together with any labor, service or other work necessary for satisfactory and complete performance.
- (c) Contractor agrees that project property will remain available to be used for its originally authorized purpose throughout its useful life or disposition.

**3. COMMUNICATIONS WITH THE AUTHORITY**

Prospective offerors are advised that any and all communications with WMATA relating to this solicitation and made by, or on behalf of, a prospective offeror at any time between release of this Request for Proposals and Contract award, must be directed to the identified Contract Administrator.

A violation of this provision, deemed willful by the Authority, may result in a determination that an offeror is not responsible, and thus ineligible for award, for purposes of this and/or future Authority solicitations.

**4. PREPARATION OF OFFERS**

- (a) Offerors shall furnish all information requested by the solicitation and, in so doing, are expected to examine the Request for Proposals and all referenced documents carefully. Failure to do so will be at Offeror’s risk.

- (b) The Offeror shall sign the solicitation and print or type its name on the Price Schedule and on each continuation sheet if an entry has been made. Erasures or other changes must be initialed by the person signing the offer.
- (c) Offerors must state a definite time for delivery of supplies or for performance of services unless otherwise specified in the solicitation
- (d) In preparing its proposal, an offeror should be aware that all prices for the work shall be deemed to include the cost of all work, labor and materials required by the Contract including, without limitation, delivery charges, insurance, bond premiums or any other expenses required by this Contract, as well as expenses associated with compliance with Federal, state or local laws or regulatory requirements. All prices are deemed to be F.O.B. Destination.

**5. EXPLANATIONS TO OFFERORS**

- (a) Any explanation desired by an offeror regarding the meaning or interpretation of the solicitation or Contract including, without limitation, the terms and conditions, technical specifications or Statement of Work, and Contract drawings, must be requested in writing with sufficient time allowed for a reply to reach all offerors before proposal closing. Absent extraordinary circumstances, all inquiries must be transmitted in a time frame to ensure the Contracting Officer's receipt at least ten (10) days prior to the date specified for proposal closing. All such requests must be submitted via e-mail or first class mail to the Contract Administrator identified in Paragraph 3. Include the RFP number and Contract title in any correspondence.
- (b) Any information that the Authority furnishes to a prospective offeror relating to the solicitation will be provided in writing to all prospective offerors in the form of an amendment if, in the Contracting Officer's judgment, the information is necessary to the preparation and/or submittal of proposals or the lack of such information would be otherwise prejudicial to other prospective offerors. Offerors must acknowledge receipt of all amendments on the form provided.
- (c) Offerors are advised that oral explanations, representations or instructions of any kind relating to the subject matter of this solicitation given at any time before award of the Contract by any employee, officer or agent of the Authority, will not be binding upon the Authority. The Authority does not assume responsibility for the accuracy of any such communication.
- (d) The failure of a prospective offeror to request an explanation will serve to preclude it from claiming any ambiguity, inconsistency or error that should have been discovered by a reasonably prudent offeror.

**6. PRE-PROPOSAL CONFERENCE N/A**

**7. AMENDMENTS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS**

- (a) The Authority reserves the right to amend any of the terms of this RFP or the Contract, prior to the date set for the proposal closing. Copies of any such amendments as may be issued will be furnished in writing to all prospective proposers.

- (b) If, in the Contracting Officer's judgment, any amendment(s) would require material changes to price proposals and/or other substantive element(s) of the proposals, the date set for proposal closing may be postponed for such period as, in the Contracting Officer's opinion, will enable offerors to revise their proposals. In such instances, the amendment will include an announcement of the new date for proposal closing.
- (c) In the event of an amendment, all other terms and conditions of the solicitation shall remain unchanged.

**8. ACKNOWLEDGMENT OF AMENDMENTS**

Offerors are required to acknowledge receipt of all amendment(s) to the solicitation on the designated form to be submitted with their proposal. Failure to do so may, at the Contracting Officer's discretion, jeopardize the offeror's right to have its proposal reviewed by the Authority.

**9. SUBMISSION OF PROPOSALS**

Proposals, and any revisions thereto, shall be enclosed in sealed envelopes and addressed to the office specified in the solicitation. Proposals shall show the hour and date specified in the solicitation for proposal closing, the solicitation number, and offeror's name and address on the face of the envelope. Faxed proposals will not be considered.

**10. PROPOSAL FORMAT INSTRUCTIONS/REQUIREMENTS**

Offerors shall submit proposals as follows:

- (a) Proposal Format

Offerors shall submit proposals as follows:

Original of Volumes 1, 2 and 3 shall be separated and unbound. All copies of Volumes 1, 2, and 3, will be separately and bound. All copies shall have the RFP number, the proposer's identity, volume number, and volume title printed on the cover page. Volumes shall be submitted in the following order:

- (1) Volume I – Cost/Price - One (1) original and one (1) copy of the cost/price proposal;
- (2) Volume II – Technical - One (1) original and Three (3) copies of the technical proposal (**Shall not include cost/price information**);
- (3) Volume III – Contractual - One (1) original and one (1) copy of the completed, signed solicitation documents to include Representations, Certifications, Pre-Award Data, Certificate(s) of Insurance, and amendments, if any.

**In addition to the above requirements Offeror is also required to include either a USB OR CD that contains all the above Volumes.**

- (b) Cost/Price. All information relating to cost or pricing data must be included in Volume I. Under no circumstances shall cost or pricing data be included elsewhere in the proposal.
- (c) Technical Proposal. The technical proposal should address the stated Evaluation Criteria in such a manner as to enable the Authority to engage in a thorough evaluation of its overall technical merit. Technical proposals shall be specific, detailed and complete and

shall demonstrate that the offeror has a thorough knowledge and understanding of the Contract's requirements. Offerors shall avoid generalized statements that for example, paraphrase the specifications or attest that "standard procedures will be employed." The Authority wishes to be satisfied that the offeror maintains an understanding of the specific Contract requirements and maintains the means to fully satisfy them.

- (d) Contractual. The Contractual volume shall contain a completed, signed Solicitation, Offer and Award form and include Representations, Certifications, Pre-Award Data, Certificate(s) of Insurance, DBE requirements per Appendix B (if applicable), SBE requirements per Appendix B-1 (if applicable) and any amendments. In the event that the offeror takes any exception to any of the Contract's terms and conditions, wishes to propose alternative Contract language or is otherwise unwilling or unable to satisfy any of the Contract's requirements such information should be clearly noted on the first page(s) of Volume III of the proposal. Failure to take exception shall constitute the offeror's acceptance.

## **11. LATE SUBMISSIONS AND REVISIONS OF PROPOSALS**

- (a) Any proposal or revision received at the office designated in the solicitation after the time specified for proposal closing will not be considered unless it was sent, properly addressed:
- (1) By registered or certified U.S. or Canadian mail not later than the fifth (5<sup>th</sup>) day before the date specified for proposal closing. (e.g. A proposal or revision relating to a solicitation with a closing date of the 20<sup>th</sup> of a month must have been placed in registered or certified mail by not later than the 15<sup>th</sup> of such month.);
  - (2) By first class mail, if the Contracting Officer determines that the late receipt was due solely to the Authority's mishandling after delivery on its premises; or
  - (3) By U.S. Postal Service, Express Mail, Next Day Service, not later than 5:00 p.m. at the place of mailing two (2) business days prior to the date specified for proposal closing; or
- (b) A revision submitted after the date and time set for proposal closing will only be accepted if the Contracting Officer authorizes it. A submission in the nature of a Best and Final Offer ("BAFO") received after the time and date specified in the Contracting Officer's request for BAFOs will not be considered unless received before award and, in Contracting Officer's judgment, the late delivery was not attributable to the offeror's acts or omissions.
- (c) The only acceptable evidence to establish the time of receipt by the Authority is the time/date stamp of that event on the proposal or any other documentary evidence of receipt maintained by the Authority.
- (d) A proposal received after proposal closing may be considered if it is the only proposal received for the solicitation, or if a late revision of any otherwise successful proposal makes its terms more favorable to the Authority.

## **12. WITHDRAWAL OF PROPOSALS**

Proposals may be withdrawn by written notice received by the Authority before award. Proposals may be withdrawn in person by an offeror or an authorized representative, if the representative's identity is appropriately demonstrated and the representative signs a receipt for the proposal before award. A proposal may not be withdrawn after ninety (90) days from proposal closing without the Contracting Officer's written approval.

**13. RECEIPT AND REVIEW OF PROPOSALS BY THE AUTHORITY**

- (a) There will be no public opening of proposals for this solicitation. Proposals will be opened by the designated Authority representative and copies of the three (3) volumes of the proposal will be distributed for review by Authority designated personnel only, as appropriate. All reasonable efforts will be made to ensure confidentiality of the information contained in the proposals, consistent with applicable provisions of law.
- (b) The Authority may award a Contract on the basis of the initial proposals as evaluated in accordance with the Evaluation Criteria, without discussions. Accordingly, the initial proposal should contain the offeror's best terms from both a price and technical standpoint.
- (c) Notwithstanding a determination by the Authority to proceed without conducting substantive negotiations or discussions with offerors, the Authority may engage in communications with one (1) or more offerors relating to clarification(s) of their proposals.
- (d) The Contracting Officer may conduct discussions with offerors only for the purpose Of making an unacceptable proposal acceptable. If all initial proposals are technically acceptable , the Authority may not conduct further discussions with offerors prior to Contract award.
- (e) The Contracting Officer may request revised price proposals from all offerors who are technically acceptable.
- (f) The Authority maintains the right to waive informalities and minor irregularities in proposals at any time during the solicitation process.

**14. EVALUATION CRITERIA AND BASIS FOR AWARD**

**TECHNICALLY ACCEPTABLE – LOW PRICE**

- (a) The Authority will award a Contract resulting from this solicitation to the responsible offeror(s) whose proposal conforms to the solicitation and is determined to be the lowest priced among those proposals rated "technically acceptable." For purposes of determining whether a proposal is "technically acceptable" the Evaluation Criteria listed below will apply.

***If it is determined to be in the best interest of the Authority multiple awards may be made.***

- (b) The Authority reserves the right to award this Contract without discussions or further communications concerning the proposals received. Proposals should contain the offeror's best terms from both a price and technical standpoint. The Contracting Officer reserves the right to engage in oral or written communications with proposers, if necessary to make an unacceptable proposal acceptable.
- (c) Price evaluations will be based on the total cost to the Authority for base year requirements, plus any option years.
- (d) The elements of the technical proposal will be rated in accordance with the Criteria for Acceptability. Only those proposal(s) as are deemed acceptable in terms of their overall technical merit shall remain eligible for potential award.



- (e) The Authority will award a Contract resulting from this solicitation to the responsible offeror(s) whose proposal conforms to the solicitation and is determined to be the lowest priced among those proposals rated “technically acceptable.” For purposes of determining whether a proposal is “technically acceptable” for purposes of this solicitation, the following Criteria for Acceptability shall apply:

## **EVALUATION CRITERIA**

### **1) FIRM’S EXPERIENCE, RESOURCES AND SPECIFICATION COMPLIANCE**

Include references where Offeror has provided vehicles similar to vehicles specified in the technical specifications. This must include at least three (3) references where similar vehicles were sold within the last five (5) years. The references must contain company names, contract information and identify type of vehicle(s) sold.

Demonstrate compliance with Exhibit 1, Technical Specifications by completing and returning those documents with technical proposals. Also with this section include any technical literature, charts, diagrams, test reports warranty terms and conditions, and any other applicable documentation.

Identify whether any of the work will be performed by subcontractors if so, list percentage of work the subcontractor will perform and describe how levels of responsibilities will be monitored if subcontractors are used.

Demonstrate that satisfactory facilities and resources are presently available to ensure technical requirements are successfully accomplished. **NOTE:** WMATA reserves the right to visit and inspect Offeror’s facility before and after contract award.

Address with how management oversight will be provided for maintaining quality assurance as required by the Scope of Work as well as identify how complaints will be resolved within thirty (30) days after notification from WMATA.

### **2) DELIVERY SCHEDULE**

With this section Offeror **must list** the lead time for manufactures and delivery for the fully “specified” vehicles: If multiple delivery schedules are required, please identify specifics schedules.

Delivery Schedule(s) must identify manufacture’s time, dealership’s delivery time including any additional equipment installation time.

**NOTE:** Delivery and satisfactory acceptance of all specified vehicles must be completed by June 30, 2019.

### **3) PERFORMANCE ACCEPTANCE AND REQUIRED TECHNICAL SUBMITTALS**

Offeror must demonstrate compliance with RFP- Part III, Scope of Work “Vehicle Performance and Acceptance Criteria” by completing and returning Exhibit 1 with this section.

WMATA will perform a first Article Inspection on one (1) vehicle from each specification Item number prior to acceptance as defined in the scope of work and vehicle specifications.

The following submittals must be completed and returned as specified:

1. **Exhibit 1- Vehicle specifications**
2. Attachment A- Consumable Parts List-must be completed and returned with vehicle on date of delivery.
3. Attachment B- Asset Delivery Acceptance- must be completed and returned with vehicles on date of delivery .

**15. RATINGS FOR ACCEPTABILITY CRITERIA**

Each criterion will be rated using the following scoring method:

Definition:

**Acceptable** Meets criteria for acceptability/evaluation standards required under the technical provisions. Weaknesses are correctable.

**Marginal** Fails to meet criteria for acceptability/evaluation standards. Any significant deficiencies are correctable. Lacks essential information to support a proposal.

**Unacceptable** Fails to meet a criterion for acceptability or an acceptable evaluation standard and the deficiency is uncorrectable. Proposal would have to undergo a major revision to become acceptable. Demonstrated lack of understanding of WMATA's requirements or omissions of major areas.

A rating of "Acceptable" is required to be eligible for award consideration. An initial proposal that is marginal must be determined to be either acceptable or unacceptable before any award(s) can be made. Offerors are cautioned to be aware of these standards when preparing proposals.

**17. PRICE PROPOSAL EVALUATION**

(a) The Contracting Officer will evaluate price proposals for reasonableness, completeness, and realism as appropriate. Costs will be evaluated in terms of the following:

- (1) Submittal of proposed prices for both the base year (s) and the option year(s), if any;
- (2) Any offer that is materially unbalanced may be rejected. An unbalanced offer is one (1) that is based on prices that are significantly overstated for some items and understated for other items;
- (3) The Contracting Officer will compare the price proposals to the Authority's estimate and otherwise determine reasonableness by performing a price analysis, if adequate competition exists. If, in the Contracting Officer's judgment, adequate price competition does not exist, he or she will conduct a cost analysis in order to ascertain whether the proposed price is fair and reasonable;

(b) The offeror shall provide certified cost or pricing data if the Contracting Officer requests it.

**18. TECHNICAL PROPOSAL EVALUATION**

The Authority will evaluate the technical proposals in accordance with the "Criteria for Acceptability" set forth in paragraph 14, above. A proposal that fails to meet the minimum standard

for acceptability with respect to each element may be deemed technically unacceptable and thus ineligible for award, regardless of price.

**19. PRE-AWARD INFORMATION/CONTRACTOR RESPONSIBILITY**

In order to be eligible for award of a Contract, a proposer must affirmatively demonstrate to the Contracting Officer's satisfaction that it is responsible for purposes of this solicitation. Such demonstration must include a showing that it maintains the requisite integrity, overall technical expertise and experience, (including prior performance on other Authority contracts or contracts with other government agencies), and sufficient financial resources to perform the Contract in a timely, satisfactory and appropriate manner. Failure to so demonstrate may result in rejection of the offeror as not responsible.

- (a) The Contracting Officer may conduct a pre-award survey and/or take other actions to obtain information regarding the proposer's responsibility, if its offer is in the competitive range or is otherwise under consideration for award. The proposer shall promptly supply information that the Contracting Officer requests regarding its responsibility in such manner and form as he or she requests.
- (b) Among other items, a proposer shall furnish the following when the Contracting Officer requests:
  - (1) A completed and signed "Pre-Award Evaluation Data" form (copy attached), including all referenced financial statements and information;
  - (2) Evidence of good standing in the System for Award Management (SAM) at [www.sam.gov](http://www.sam.gov).
  - (3) Disadvantaged Business Enterprise data as set forth in Appendix B. The submittal of certain items and request for waiver (if applicable) are required if the proposal is \$150,000 or greater. Failure to submit forms B-12, B-13, and/or to request waivers (if applicable) may cause the proposal to be rejected. An offeror's failure to supply this information or otherwise fully cooperate with the Authority's inquiry may result in a determination that the offeror is not responsible for purposes of this solicitation and thereby ineligible for award.
  - (4) Small Business Enterprise (SBE) documentation (if applicable) as set forth in Appendix B-1. The offeror's failure to supply this information or otherwise fully cooperate with the Authority's inquiry may result in a determination that the offeror is not responsible for purposes of this solicitation and thereby ineligible for award.

**20. PRE-AWARD MEETING N/A**

**21. SITE VISIT/INSPECTION OFFEROR'S FACILITIES**

A successful Offeror must maintain sufficient facilities that will allow it to adequately perform Contract as specified herein. WMATA may make site visits prior to Contract award to examine the offeror's facilities and verify that necessary equipment, supplies, etc. are readily available for satisfactory contractual performance.

**22. CONTRACT AWARD**

- (a) At the conclusion of reviewing the technical proposals for acceptability, the Contracting Officer shall award Contract to the responsible offeror whose proposal is the lowest priced out of all proposals that are technically acceptable. Such determination shall be based upon initial price proposals or revised price proposals where the Contracting Officer directs their submission.
- (b) A written award mailed or otherwise furnished to the successful offeror at any time prior to withdrawal of the proposal shall result in a binding Contract without further action by either party. Discussions conducted after receipt of an offer do not constitute the Authority's rejection or counteroffer.
- (c) The Authority reserves the right to reject and any all proposals received and decline to enter into a Contract pursuant to this solicitation, if it deems such action is in the Authority's best interests.

**23. PERFORMANCE/PAYMENT BONDS N/A**

**24. DISADVANTAGED BUSINESS ENTERPRISES REQUIREMENTS N/A**

**25. OPPORTUNITY FOR DISADVANTAGED BUSINESS ENTERPRISES TO PROPOSE**

The Washington Metropolitan Area Transit Authority hereby notifies all prospective offerors that it will affirmatively ensure that disadvantaged minority business enterprises will be afforded full opportunity to submit proposals in response to this solicitation and will not be discriminated against on the basis of race, color, creed, sex, religion, national origin, disability, sexual preference or gender identity in consideration for award.

**26. WMATA'S TAX EXEMPT STATUS**

- (a) Pursuant to Article XVI, Paragraph 78, of the Washington Metropolitan Area Transit Authority's Compact, as adopted by the State of Maryland, the District of Columbia, and the Commonwealth of Virginia, with the authorization and consent of the Congress of the United States, the Authority has been accorded exemption from taxes as follows:

"The Authority and the Board shall not be required to pay taxes or assessments upon any of the property acquired by it or under its jurisdiction, control, possession or supervision, or upon its activities in the operation and maintenance of any transit facility or upon any revenues therefrom, and the property and income derived therefrom shall be exempted from all Federal, State, District of Columbia, municipal, and local taxation. This exemption shall include without limitation, all motor vehicle license fees, sales taxes and motor fuel taxes."

- (b) By submission of its proposal, the offeror certifies that none of the taxes that the Authority is exempt from are included in its cost proposal.

**27. RESTRICTION ON DISCLOSURE AND USE OF DATA**

The Authority shall provide all reasonable precautions to ensure that proprietary, technical and pricing information remains within the review process. Offerors shall attach to any proprietary data submitted with the proposal the following legend:

- (a) "This data furnished pursuant to this RFP shall not be disclosed outside the Authority, be duplicated, or used, in whole or in part, for any purpose other than to evaluate the offer. If a Contract is awarded on the basis of this offer, the Authority shall have the right to duplicate, use, and disclose this data, in any manner and for any purpose whatsoever.
- (b) This information does not limit the Authority's right to use information contained in this data, if the Authority obtains it from another independent, legitimate source.
- (c) Except for the foregoing limitation, the Authority or its agents may duplicate, use, and disclose in any manner and for any purpose whatsoever, all data furnished in response to this solicitation."

**28. ENGLISH LANGUAGE AND UNITED STATES CURRENCY**

With respect to both this solicitation and the resultant Contract:

- (a) All communications (oral, written, electronic and otherwise including but, not limited to, software coding) shall be in the English language.
- (b) All pricing shall be in United States dollars.

**29. BRAND NAME OR EQUAL**

- (a) If items called for by this RFP have been identified in the Price Schedule by a "brand name or equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be satisfactory. Proposals offering "equal" products including products of the brand name manufactures other than the one (1) described by brand name will be considered for award, if such products are clearly identified in the proposals and the Authority determines them to fully meet the salient characteristics (physical, functional, or performance) requirements in the Statement of Work (SOW).
- (b) Unless the offeror clearly indicates in its proposal that it is offering an "equal" product, the proposal shall be considered as offering a brand name product referenced in the RFP.
- (c) If the offeror proposes to furnish an "equal" product, the brand name, if any, of the product to be furnished in the space provided in the RFP, or such product shall be otherwise clearly identified in the proposal. The determination as to equality of the product offered shall be at the Authority's sole discretion.

**CAUTION TO OFFERORS.** WMATA is not responsible for locating or securing any information that is not identified in the proposal and reasonably available to the Authority. The offeror must furnish as a part of its proposal all descriptive material (such as cuts, illustrations, drawings, or other information) necessary for the Authority to determine whether the product offered meets the salient characteristics of the RFP.

The information furnished may incorporate by specific reference, information previously furnished or otherwise available to the Authority. If the Offeror proposes to modify a product to make it conform to the RFP, it shall include in the proposal, a clear description of such proposed modifications, and clearly mark any descriptive material to show the proposed modifications.

**30. REQUESTS FOR RECORDS**

The Washington Metropolitan Area Transit Authority (WMATA), in the regular course of business, may receive from the public, including prospective vendors and bidders, requests for records on a variety of topics. It is WMATA's policy to make official agency records, including electronic records, available to the public, unless specifically prohibited by WMATA's policy or applicable laws.

- (a) "Records" means any existing writings, drawings, maps, recordings, tapes, film, microfilm, correspondence, forms, cards, photographs, optical disks, photo copies, and records stored by computer (electronic records) that are made or received by WMATA in connection with a public contract. A record does not include uncirculated personal notes, papers, electronic records and any other records that were created and retained solely as work papers for personal use of the Contracting Officer, Contract Administrator or other WMATA employee.
- (b) WMATA's contracting process allows for the release/posting of certain information concerning this Contract after its award. This includes the name of the successful offeror and the amount of the award. This information is available on WMATA's website under "Business with Metro" or directly from the Contract Administrator.
- (c) Upon WMATA's request, the successful offeror shall be required to provide a redacted copy of the successful technical and price proposals with confidential and proprietary information redacted.
- (d) After the award is announced, the winning proposal may be subject to release under WMATA's Public Access to Records Policy (PARP).
- (e) When WMATA determines that a successful proposal will be of wide public interest, WMATA will post the redacted proposal on its website. When WMATA receives three (3) or more requests for a successful proposal, WMATA will post the redacted proposal on its website.
- (f) Requests for Records that are not made available during the procurement process and that are not generally made available during the de-briefing process will be submitted in accordance with the PARP. Requests must be in writing and sent by mail to the Office of General Counsel, Washington Metropolitan Area Transit Authority, 600 Fifth Street, NW, Washington, D.C. 20001, or by electronic mail at [parpprivreq@wmata.com](mailto:parpprivreq@wmata.com) or by facsimile to the attention of the PARP Administrator at (202) 962-2550. If a request for records is sent directly from the requestor to a Contract Administrator, department, or independent office, that entity shall immediately forward the request to the PARP Administrator in the Office of General Counsel. If records are subject to a PARP request, a member of the PARP team will contact the company to begin the PARP document review process, which includes providing detailed written justifications for any information for which exemptions are claimed.
- (g) Neither WMATA's proposal/debriefing process nor the PARP process generally allow for the release of information that would cause competitive harm to the proposers, other

organizations, WMATA's employees, or interests. Information that will be withheld includes the following:

- (1) The names of unsuccessful offerors;
  - (2) The technical and price proposals of unsuccessful offerors;
  - (3) Personal information (this does not include education and qualifications which are released) about the successful offeror or its employees that is not available to the public on the website of the successful offeror;
  - (4) Unit price details of the successful price proposal (this does not include the bottom line price, which is released);
  - (5) WMATA's technical evaluation of any proposals submitted to WMATA pursuant to a solicitation;
  - (6) The names of the vendors who file a protest to the solicitation or its award;
  - (7) The written adjudication of any protests;
  - (8) Personal information concerning WMATA's employees; and
  - (9) Trade secrets and confidential commercial or financial information obtained from an offeror.
- (h) If your company's records are subject to a PARP request (i.e., if it is the successful offeror), a broad claim of confidentiality for the entire proposal or pages of the proposal is rarely acceptable, and will likely be rejected during the PARP process. Therefore, WMATA suggests that you narrowly identify your confidential/proprietary information based on the following guidance:
- (i) Information that may be withheld/redacted:
- (1) Detailed pricing except bottom line offer amounts;
  - (2) Trade Secrets;
  - (3) Unique proprietary solutions not publicly known;
  - (4) Employee/personnel names below the executive level; however, information regarding qualifications of employees is released; and
  - (5) Subcontractor/vendor identities, if not publicly known.
- (j) Public information subject to release:
- (1) Any information on your company's website;
  - (2) Publicly known information (even if not on your company's website);
  - (3) General company background;
  - (4) Mere compliance with RFP requirement; and
  - (5) Anything standard to the industry.

**31. NOTICE OF PROTEST POLICY**

- (a) The Authority's procedure for the administrative resolution of protests is set forth in Chapter 17 of WMATA's Procurement Procedures Manual (PPM). The procedures contain strict rules for filing a timely protest, for responding to a notice that a protest has been filed, and other procedural matters.
- (b) The basis on which FTA will review a grantee's protest decision is defined in §17-8. FTA will generally exercise discretionary jurisdiction over cases deemed to involve issues important to the overall third party contracting program. FTA's decision to decline jurisdiction over a protest does not imply approval of or agreement with the agency's decision or that FTA has determined that this Contract is eligible for Federal participation.
- (c) Alleged violation must be submitted to the Contracting Officer who will administratively decide the protest.
- (d) The United States District Courts for the Districts of Maryland, Virginia and the District of Columbia, and the local courts in Maryland, Virginia and the District of Columbia have jurisdiction over court actions concerning protest decisions.



**REPRESENTATIONS & CERTIFICATIONS**

**Instructions:** Check or complete all applicable boxes or blocks on this form and submit it with your offer.

**1. TYPE OF BUSINESS ORGANIZATION**

By submission of this offer, the offeror represents that it operates as  an individual,  a partnership,  a limited liability company,  a joint venture,  a nonprofit organization, or  a corporation, incorporated under the laws of the State of \_\_\_\_\_.

Name	Signature
Title	Company
Date	

**2. AFFILIATION AND IDENTIFYING DATA**

Each offeror shall complete 2.1, 2.2 if applicable, and 2.3 below, representing that:

**2.1** It  is,  is not, owned or controlled by a parent company. For this purpose, a parent company is defined as one that either owns or controls the activities and basic business policies of the offeror. To own another company, means that the parent company must own at least a majority, i.e., more than fifty percent (50%), of the voting rights in that company. To control another company, such ownership is not required. If another company is able to formulate, determine or veto the offeror's basic business policy decisions, such other company is considered the parent of the offeror. This control may be exercised through the use of dominant minority voting rights, use of proxy voting, Contractual arrangements or otherwise.

**2.2** If the offeror is owned or controlled by a parent company, it shall insert in the space below the name and main office address of the parent company:

\_\_\_\_\_  
 Name of Parent Company

\_\_\_\_\_  
 Main Office Address (including ZIP Code)

**2.3** If the offeror has no parent company, it shall provide in the applicable space below its own employer's identification number (E.I.N.), (i.e., number used on Federal tax returns or, if it has a parent company, the E.I. N. of its parent company).

Offeror E.I. N.: \_\_\_\_\_ or, Parent Company's E.I. N.: \_\_\_\_\_

Name	Signature
Title	Company
Date	

**3. PREVIOUS CONTRACTS AND COMPLIANCE REPORTS**

This representation is applicable to federally assisted contracts. By submission of this offer, the offeror represents that:

- 3.1 It [ ] has, [ ] has not, participated in a previous contract or subcontract subject to either the Equal Opportunity Clause of this solicitation, or the clause contained in Parts II and IV of Executive Order 11246, as amended; that prohibits discrimination on the basis of race, color, creed, national origin, sex, age; and
- 3.2 It [ ] has, [ ] has not, filed all required compliance reports; and
- 3.3 Representations indicating submittal of required compliance reports signed by proposed subcontractors will be obtained prior to subcontract awards.

Name	Signature
Title	Company
Date	

**4. DISADVANTAGED BUSINESS ENTERPRISE**

This representation is applicable to federally assisted contracts. By submission of this offer, the offeror represents that:

- 4.1 It [ ] is, [ ] is not, a disadvantaged business enterprise.

"Disadvantaged Business Enterprise" means a for-profit small business concern that is at least fifty one percent (51%) owned by one or more individuals who are both socially and economically disadvantaged individuals or, in the case of a corporation, in which fifty one percent (51%) of the stock is owned by one or more such individuals; and whose management and daily business operations are controlled by one or more socially and economically disadvantaged individuals who own it.

"Socially and Economically Disadvantaged Individual" is defined in Appendix B. Notice of Requirements for Disadvantaged Business Enterprise (DBE). By submission of this offer, the offeror represents that:

- 4.2 It [ ] is, [ ] is not, currently certified by Metropolitan Washington Unified Certification Program (MWUCP) as a disadvantaged business enterprise.
- 4.3 **Special Certification Requirements for Transit Vehicle Manufactures.** Each transit vehicle manufactures, as a condition of being authorized to bid or propose on FTA funded transit vehicle procurements, must certify that it has complied with the DBE requirements of 49 C.F.R. Part 26.

The offeror represents that it [ ] is or [ ] is not a transit vehicle manufactures and [ ] has or [ ] has not complied with the DBE requirements of 49 C.F.R Part 26.

Name	Signature
Title	Company

**5. SMALL BUSINESS ENTERPRISE (MAY 2015)**

“Small Business Enterprise” means a for profit small business concern that is at least fifty one percent (51%) owned by one (1) or more individual(s) who are economically disadvantaged. “Economically Disadvantaged Individual” is defined in Appendix B-1, Definitions, in Notice of Requirements for Small Business Enterprise (SBE) Program.

**5.1** It  is,  is not, a small business enterprise. A firm must be a small business as defined by the U.S. Small Business Administration (SBA) by applying current SBA business size standards found in 13 C.F.R. Part 121 that are applicable to the type of work the firm seeks to perform in USDOT assisted contracts. The fifty one percent (51%) owner must be a U.S. citizen or permanent resident. A firm must be organized for profit in order to be eligible for SBE certification. The firm’s average gross receipts cannot exceed the overall USDOT size standard for a small business [\$23.98 million averaged over the three (3) previous fiscal years or part of year that the business has been in existence.] Set forth in 49 C.F.R. § 26.65, at least fifty one percent (51%) of the firm’s ownership must be held by individuals who meet the personal net worth (PNW) cap of \$1.32 million as prescribed by 49 C.F.R. § 26.67.

**5.2** It  is,  is not, currently certified by WMATA as a small business enterprise.

Name	Signature
Title	Company
Date	

**6. AFFIRMATIVE ACTION COMPLIANCE**

This representation is applicable to federally assisted contracts of \$50,000 or more that are awarded to contractors with fifty (50) or more employees. By submission of this offer, the offeror represents that:

**6.1** It has a workforce of \_\_\_\_\_ employees.

**6.2** It  has developed and has on file, or  has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 C.F.R. §§ 60.1 and 60.2), or

**6.3** It  has not previously had contracts subject to the written affirmative action program requirements of the rules and regulations of the U.S. Secretary of Labor.

Name	Signature
Title	Company
Date	

**7. COVENANT AGAINST GRATUITIES**

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

Neither it nor any of its employees, representatives or agents have offered or given gratuities (in the form of entertainment, gifts or otherwise) to any Board member, employee or agent of the Authority with the view toward securing favorable treatment in the awarding, or administration of this Contract.

Name	Signature
Title	Company
Date	

**8. CONTINGENT FEES**

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

**8.1** It [ ] has, [ ] has not, employed or retained any company or persons (other than a full-time, bona fide employee working solely for the offeror) to solicit or secure this Contract, and

**8.2** It [ ] has, [ ] has not, paid or agreed to pay any company or person (other than a full-time, bona fide employee working solely for the offeror) any fee, commission, percentage, or brokerage fee contingent upon or resulting from the award of this Contract.

Name	Signature
Title	Company
Date	

**9. CLEAN AIR ACT AND CLEAN WATER ACT CERTIFICATION**

This certification is applicable if the Contract will be federally assisted and the offer exceeds \$150,000, or the Contracting Officer believes that orders under an indefinite type Contract in any year will exceed \$150,000 or a facility to be used has been the subject of a conviction under the Clean Air Act [42 U.S.C. § 7413(c)(1)] or the Clean Water Act [33 U.S.C. § 1319(c)], is listed by the U.S. Environmental Protection Agency (EPA) as a violating facility, and the acquisition is not otherwise exempt:

**9.1** Any facility to be utilized in the performance of this Contract [ ] is, or [ ] is not listed on the EPA's List of Violating Facilities;

**9.2** Offeror will immediately notify the Contracting Officer, before award, of the receipt of any communications from the Administrator, or a designee of the EPA, indicating that any facility that it proposes to use in the performance of this Contract is under consideration to be listed on the EPA's List of Violating Facilities; and

**9.3** Offeror will include a certification substantially the same as this certification, including this paragraph, in every non-exempt subcontract.

Name	Signature
Title	Company
Date	

**10. DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION**

This certification is applicable to federally assisted contracts over \$25,000.

**10.1** Primary Covered Transactions. This certification applies to the offer submitted in response to this solicitation and will be a continuing requirement throughout the term of any resultant Contract.

**10.1.1** In accordance with the provisions of 2 C.F.R. Part 1200 and 2 C.F.R. Part 180, Subpart C, the offeror certifies to the best of its knowledge and belief that it and its principals:

**10.1.1.1** are not currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal or state department or agency;

**10.1.1.2** have not, within a three (3) year period preceding this offer, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) transaction or contract under a public transaction; violation of Federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

**10.1.1.3** are not currently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, state, or local) with commission of any of the offenses enumerated in paragraph (1)(ii) of this certification; and have not, within a three (3) year period preceding this offer, had one (1) or more public transactions (Federal, state, or local) terminated for cause or default.

**10.1.2** Where the offeror is unable to certify to any of the statements in this certification, the offeror shall attach an explanation to this offer.

**10.2** Lower Tier Covered Transactions. This certification applies to a subcontract at any tier expected to equal or exceed \$25,000 and will be a continuing requirement throughout the term of this Contract.

**10.2.1** The prospective lower tier subcontractor certifies, by submission of this offer, that neither it nor its principals is currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal or state department or agency.

**10.2.2** Where the prospective lower tier subcontractor is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**10.3** The Certification required by 10.2, above, shall be included in all applicable subcontracts and the Contractor shall keep a copy on file. The Contractor shall be required to furnish copies of certifications to the Contracting Officer upon his or her request.

Name	Signature
Title	Company
Date	

**11. CERTIFICATION OF INDEPENDENT PRICE DETERMINATION**

**11.1** By submission of its offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

**11.1.1** The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or with any other competitor;

**11.1.2** Unless otherwise required by law, the prices that are quoted in this offer have not been knowingly disclosed by the offeror and will not be knowingly disclosed by the offeror prior to award (in the case of a negotiated procurement), directly or indirectly, to any other offeror or to any competitor; and

**11.1.3** No attempt has been made or will be made by the offeror to induce any other person or firm to submit or not to submit an offer, for the purpose of restricting competition.

**11.2** Each person signing this offer certifies that:

**11.2.1** He or she is the person in the offeror's organization responsible for the decision regarding the prices being offered herein and that he/she has not participated, and will not participate, in any action contrary to 11.1.1 through 11.1.3 above; or

**11.2.2** He or she is not the person in the offeror's organization responsible for the decision regarding the prices being offered herein, but that he/she has been authorized in writing to act as agent for the persons responsible for such decision in certifying that such persons have not participated; and will not participate, in any action contrary to 11.1.1 through 11.1.3 above; or and as their agent he or she does hereby so certify.

Name	Signature
Title	Company
Date	

**12. CERTIFICATION OF NONSEGREGATED FACILITIES**

This certification is applicable to federally assisted contracts over \$10,000.

**12.1** By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

**12.1.1** It does not and will not maintain or provide for its employees, any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control, where segregated facilities are maintained.

**12.1.2** The offeror agrees that a breach of this certification is a violation of the Equal Opportunity clause in this Contract.

**12.1.3** As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise.

**12.1.4** It further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will:

**12.2** Obtain identical certifications from proposed subcontractors before the award of subcontracts under which the subcontractor will be subject to the Equal Opportunity clause;

**12.3** Retain such certifications in its files; and

**12.4** Forward the following notice to such subcontractors (except if the proposed subcontractors have submitted identical certifications for specific time periods):

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR CERTIFICATIONS OF NONSEGREGATED FACILITIES**

A Certification of Non-segregated Facilities must be submitted prior to award of a subcontract exceeding \$10,000 that is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for such subcontract or for all subcontracts during a period (i.e., quarterly, semiannually or annually).

Name	Signature
Title	Company
Date	

**13. NONDISCRIMINATION ASSURANCE**

**13.1** By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, in connection with this procurement, that it will not discriminate on the basis of race, color, creed, religion, national origin, sex, age,

disability, sexual preference and/or gender identity in the performance of this Contract. The offeror is required to insert the substance of this clause in all subcontracts and purchase orders. The Contractor's failure to carry out these requirements is a material breach of this Contract, that may result in the termination of this Contract or such other remedy as the Authority deems appropriate. The offeror further agrees by submitting this offer, that it will include this certification, without modification, in all subcontracts and purchase orders.

Name	Signature
Title	Company
Date	

**14. CERTIFICATION OF RESTRICTIONS ON LOBBYING**

This certification is applicable to federally assisted contracts if the offer exceeds \$150,000.

**14.1** By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that to the best of his or her knowledge or belief:

**14.1.1** No federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

**14.1.2** If any funds other than federally appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Contract, the undersigned shall complete and submit Standard Form--LLL, "Disclosure of Lobbying Activities."

**14.1.3** The undersigned shall require that the language of this certification be included in all sub-awards (including subcontracts, sub-grants and contracts under grants, loans and cooperative agreements) at all tiers and that all sub-recipients shall certify and disclose accordingly.

**14.2** This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352, as amended. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$150,000 for each such failure.

**14.3** The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C.A. § 3801, *et.seq.* apply to this certification and disclosure, if any.



Name	Signature
Title	Company
Date	

**15. BUY AMERICA ACT CERTIFICATION**

The Buy America Act requirements apply to federally assisted construction contracts, and acquisition of goods or rolling stock contracts valued at more than \$150,000.<sup>1</sup>

**15.1** By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement it will comply with 49 U.S.C. § 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7 Separate requirements for rolling stock are set out at 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11.

**15.2** An offeror must submit to the Authority, the appropriate Buy America Act certification (below) with all offers on FTA funded contracts, except those subject to a general waiver. Offers that are not accompanied by a completed Buy America Act certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors. Mark the applicable certifications below:

**15.2.1 Certification requirement for procurement of steel, iron, or manufactured products:**

*Certificate of Compliance with 49 U.S.C. § 5323(j)(1)*  
 The offeror hereby certifies that it will meet the requirements of 49 U.S.C. § 5323(j)(1) and the applicable regulations in 49 C.F.R. § 661.5.

*Certificate of Non-Compliance with 49 U.S.C. § 5323(j)(1)*  
 The offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. § 5323(j)(1) and 49 C.F.R. § 661.5, but it may qualify for an exception pursuant to 49 U.S.C. §§ 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 C.F.R. § 661.7.

**15.2.2 Certification requirement for procurement of buses, other rolling stock and associated equipment:**

*Certificate of Compliance with 49 U.S.C. § 5323(j)(2)(C)*  
 The offeror hereby certifies that it will comply with the requirements of 49 U.S.C. § 5323(j)(2)(C) and the regulations at 49 C.F.R. § 661.11.

*Certificate of Non-Compliance with 49 U.S.C. 5323§ (j)(2)(C)*  
 The offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11, but may qualify for an

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<sup>1</sup> If the funding for this Contract comes from an FTA grant issued before December 26, 2014, then the limit is \$150,000.

exception pursuant to 49 U.S.C. §§ 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 C.F.R. § 661.7.

Name	Signature
Title	Company
Date	

**16. CERTIFICATION OF NON-DELINQUENT TAXES**

This certification is applicable to federally assisted contracts.

**16.1** By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

**16.1.1** It has not been convicted over the past three (3) years of violating any Federal criminal tax law or failed to pay any tax.

**16.1.2** It has certified if it has been notified of an unresolved tax lien or any unsatisfied Federal tax delinquency in excess of \$3,000 and that it is paying tax debts through an installment agreement or has requested a collections due process hearing.

**16.1.3** The offeror agrees that a breach of this certification is a violation of the Federal Acquisition Regulation (FAR).

**16.1.4** As used in this certification, the term "tax delinquency" means an outstanding debt for which a notice of lien has been filed in public records.

**16.1.5** It further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will:

**16.2** Obtain identical certifications from proposed subcontractors before the award of subcontracts under which the subcontractor will be subject to the FAR.;

**16.3** Retain such certifications in its files; and

**16.4** Forward the following notice to such subcontractors (except if the proposed subcontractors have submitted identical certifications for specific time periods):

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR CERTIFICATION OF NON-DELINQUENT TAXES**

A Certification of Non-Delinquent Taxes must be submitted prior to award of a subcontract exceeding \$150,000 that is not exempt from the provisions of the FAR. The certification may be submitted either for such subcontract or for all subcontracts during a period (i.e., quarterly, semiannually or annually).

Name	Signature
Title	Company

**17. DISCLOSURES OF INTERESTS OF WMATA BOARD MEMBERS**

For purposes of this disclosure, terms in bold are defined by the Code of Ethics for Members of the WMATA Board of Directors a copy of which is available at [www.wmata.com](http://www.wmata.com). Financial interests include ownership interests and prospective and actual income. Firm includes parents, subsidiaries and affiliates.

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that to the best of its knowledge, information and belief in connection with this procurement:

17.1  No WMATA **Board member, household member or business associate** has a financial interest in this firm, in a **financial transaction** with the Authority to which this firm is a party or prospective party, or in an **actual or prospective business relationship with the Authority** to which this firm is a party.

17.2  The following WMATA **Board member(s), household member(s) or business associate(s)** has a financial interest in this firm, in a **financial transaction** with the Authority to which this firm is a party or prospective party, or in an **actual or prospective business relationship with the Authority** to which this firm is a party, Include in "Nature of Interest" below, a description of the financial interest and (1) for ownership interests, the value of the interest, the name and address of the firm in which the interest is held, and the total equity or equivalent interest of the firm; and (2) for income, the amount of all income received by the **Board member, household member or business associate** in the current and preceding fiscal year for services provided, and the name and address of the firm from which the income was received.

Name of Board Member Household Member or Business Associate	Nature of Interest
_____	_____
_____	_____
_____	_____

17.3 The certification required by 17.1 and 17.2 above shall be included in all subcontracts. The prime contractor shall furnish copies of certifications to the Contracting Officer and retain a copy for inspection upon his or her request.

Name	Signature
Title	Company
Date	

**18. CRIMINAL BACKGROUND SCREENING CERTIFICATION (QUARTERLY)**

By submission of this offer, the offeror certifies that:

- 18.1** It will contract with or engage a reputable third-party vendor to conduct, criminal background screenings of all Contractor personnel who will have access to WMATA's customers, WMATA's property, or WMATA's information in connection with this Contract. This requirement also applies to Contractors who engage with the general public on WMATA's behalf.
- 18.2** It will screen for criminal convictions, taking into consideration (1) the nature of the services or work being performed under the contract with particular regard for the individual's access to, and interaction with, WMATA's customers, property, and confidential information; (2) the nature or gravity of the offense or conduct resulting in a criminal conviction; and (3) the time that has lapsed since the conviction and/or completion of the sentence, all Contractor personnel who will have access to WMATA's customers, the general public, WMATA's property, or WMATA's information and who work on this Contract during each calendar year within this Contract's period of performance. The Offeror will provide certification that it conducted these screenings to the Contracting Officer's Technical Representative (COTR) on a quarterly basis, on a form provided.
- 18.3** The Contractor shall submit to the COTR, a list of all employees and agents who will require Contractors' access badges not less than 7 days prior to the date on which access will be required.
- 18.4** The Offeror will determine that all Contractor personnel working on this Contract during the calendar year passed the Contractor's criminal background screening and will be in good standing and otherwise fit to work on this Contract.
- 18.5** The Offeror has not obtained or otherwise been made aware of any information about any Contractor personnel working on this Contract that contradicts or otherwise impacts the Contractor's determination that such persons passed the Contractor's criminal background screening and/or are fit to work on this Contract.
- 18.6** The Contractor will flow this requirement down to all of its subcontractors who will have access to WMATA's customers, the general public, WMATA's property, or WMATA's information within this Contract's period of performance.

Name	Signature
Title	Company
Date	

**19. CERTIFICATION REQUIRED FOR ALL SAFETY-SENSITIVE<sup>2</sup> CONTRACTS.**

- 19.1** By submission of this offer, the offeror represents and certifies that it will comply with the Federal Transit Administration (FTA) regulations, "Prevention of Alcohol Misuse and Prohibited Drug Use in Transit Operations," 49 C.F.R. Part 655, and applicable provisions of the U.S. Department of Transportation (DOT) regulations, "Procedures for Transportation Workplace Drug and Alcohol Testing Programs," 49 C.F.R. Part 40.
- 19.2** Offeror agrees that its employees and agents, including but not limited to, safety-sensitive subcontractors will be enrolled in a drug and alcohol testing program that meets the policy and procedural requirements listed in Appendix A of this document.
- 19.3** Offeror understands that Washington Metropolitan Area Transit Authority (WMATA) will perform oversight during the contract's period of performance to ensure that the successful offeror complies with the DOT/FTA regulations.
- 19.4** Failure to comply with this certification may result in WMATA issuing sanctions and pursuing available contractual remedies.

Name	Signature
Title	Company
Date	

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<sup>2</sup> See the Combined Glossary for a definition of "safety-sensitive."

**PRE-AWARD EVALUATION DATA**

PROJECT DESCRIPTION: \_\_\_\_\_

1. Name of firm \_\_\_\_\_

2. Address: \_\_\_\_\_

3.  Individual  Partnership  Corporation  Joint Venture

4. Date organized \_\_\_\_\_.

State where incorporated or organized \_\_\_\_\_.

5. Names of officers or partners:

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

f. \_\_\_\_\_

6. How long has your firm been in business under its present name?

7. Attach as Schedule One (1) a list of similar current contracts that demonstrate your firm's technical proficiency, each with contract amount, name of contracting party, character or type of work and percentage of completion.

8. Attach as Schedule Two (2) a list of similar contracts, each with contract amount, name of contracting party, and character or type of work for similar contracts completed in the last two (2) years.

9. In the last two (2) years has your firm been denied an award where it was the offeror?

If the answer is yes, attach as Schedule Three (3) the full particulars regarding each occurrence.

10. Has your firm failed to complete, in the last two (2) years, any contract on which it was the offeror?

If the answer is yes, attach as Schedule Four (4), the full particulars regarding each occurrence.

11. Financial resources available as working capital for the Contract:

a. Cash on hand: \$ \_\_\_\_\_

- b. Sources of credit: \_\_\_\_\_
12. Attach as Schedule Five (5) financial statements and letters from banks regarding credit as required by the "Pre-Award Information" article.
  13. What percentage of work (Contract amount) does your firm intend performing with its own personnel? %.
  14. Attach as Schedule Six (6), a list of all principal subcontractors and the percentage and character of work (Contract amount) that each will perform. Principal items of work shall include, but not be limited to, those items listed in the "Pre-Award Information" article.
  15. If the Contractor or subcontractor is in a joint venture, submit "Pre-Award Evaluation Data" forms for each member of the joint venture.

The above information is confidential and will not be divulged to any unauthorized personnel.

The undersigned certifies to the accuracy of all information.

COMPANY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

## **TERMS AND CONDITIONS**



**CHAPTER I – TERMS AND CONDITIONS**

**1. AGREEMENT**

The work to be performed under this Contract may briefly be described as manufacturing and delivering ninety seven (97) new service vehicles including all necessary or incidental work, labor and materials (requirements are further specified herein). The Contractor agrees to perform the work in accordance with requirements and terms and conditions set forth in this Contract. In consideration for the Contractor's complete, satisfactory and proper performance of the Contract, the Authority agrees to pay to the Contractor, and the Contractor agrees to accept as full compensation, the sums of money set forth in the Price Schedule at the time and in the manner and upon the terms and conditions set forth in this Contract.

**2. ARRANGEMENT OF CONTRACTUAL PROVISIONS**

For ease of reference, this Contract is divided into chapters, articles (also referred to as "clauses"), paragraphs and subparagraphs. While the chapters and articles are titled, it is understood that both the use of such titles and the manner and overall arrangement of the Contractual provisions are intended solely for the convenience of the parties and are without independent Contractual or legal significance.

**3. ORDER OF PRECEDENCE**

- (a) Any inconsistency in the Contract shall be resolved by giving precedence to the following order: (a) terms and conditions (b) the specifications or Statement of Work; (c) drawings, if any; (d) other documents, exhibits, and attachments generated by the Authority as part of the Contract; (e) the technical proposal, if any, and other Contractor submissions generated as part of the Contract. In the event of a conflict within or between provisions entitled to equal precedence, the more stringent requirement shall apply.
- (b) Notwithstanding paragraph (a), if this Contract is funded, in whole or part, through the Federal Government, all contract terms mandated for inclusion by the Federal Government shall be deemed to supersede any other conflicting or inconsistent provisions of this Contract.

**4. REQUIREMENTS CONTRACT**

- (a) This is a requirements Contract. A requirements contract provides the Contractor with both the legal right and the legal duty to supply goods and/or services in an amount that is determined by WMATA's needs, rather than by a fixed quantity. If, however as the result of an urgent need, the Authority requires any quantity of goods or services before the date otherwise specified under this Contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Authority may acquire the urgently required goods or services from another source.
- (b) If the Contractor is unable or otherwise fails to provide goods or services within the time frames required in this Contract, the Authority reserves the right to procure them from any other source and in any other manner it deems appropriate. Nothing contained herein shall be deemed to waive, modify or impair the Authority's right to treat such failure as a material breach of the Contractor's obligations pursuant to the

“Default” article of this Contract, or to pursue any other remedy to which the Authority may be entitled pursuant to this Contract, at law or in equity.

**5. INDEFINITE QUANTITY CONTRACT N/A**

**6. ORDERING**

- (a) The Contracting Officer shall order any supplies and/or services to be furnished under this Contract by the issuance of delivery orders or task orders. Such orders may be issued throughout the Period of Performance.
- (b) All delivery orders or task orders are subject to the terms and conditions of this Contract. In the event of a conflict between a delivery order or task order and this Contract, this Contract shall control.
- (c) If mailed, a delivery order or task order is considered “issued” when the Authority places the order in the mail. Orders may be issued electronically, if authorized by the Price Schedule.

**7. ORDER LIMITATIONS N/A**

**8. AUDIT, AVAILABILITY, AND INSPECTION OF RECORDS- FTA**

- (a) Authorized persons. The Contracting Officer and his or her representatives, including representatives of the Authority’s governing jurisdictions and any other Federal, state, or local entity providing funding for this Contract and the U.S. Comptroller General shall have access and inspection rights described in this article.
- (b) Examination of costs. The Contractor shall maintain, and the Contracting Officer shall have the right to examine and audit, all records sufficiently to properly reflect all costs incurred or anticipated to be incurred directly or indirectly in performance of this Contract. This right of examination shall include inspection of the Contractor’s facilities engaged in performing this Contract at all reasonable times.
- (c) Cost or pricing data. If the Contractor is required to submit cost or pricing data in connection with any pricing action relating to this Contract, the Contracting Officer shall have the right to examine and audit all of the Contractor’s records related to: (1) any proposal for the Contract, subcontract, or modification; (2) any clarifications or discussions conducted on the proposal; (3) pricing of the Contract, subcontract or modification; or (4) performance of the Contract, subcontract or modification.
- (d) Availability. The accounts, records and cost information required to be originated under this Contract, and together with all other accounts, records and cost information related to this Contract, shall be maintained and made available by the Contractor and subcontractor(s):
  - (1) At their offices at all reasonable times for inspection, audit, reproduction or such other purposes as the Contracting Officer or by anyone he or she

authorizes may require or pursuant to any other provision of this Contract;  
and

- (2) Except to the extent otherwise expressly set forth in this Contract, until three (3) years from the date of final payment under this Contract. If the Contract is completely or partially terminated, such records shall be maintained for a period of three (3) years from either the date of any resulting final settlement or the date of final payment, whichever is later. If a pricing adjustment is involved in any dispute or litigation related to this Contract, such records shall be maintained for a period equal to the later of three (3) years from the date of final payment or one (1) year following the final disposition of the dispute or litigation.

- (e) Subcontracts. The Contractor shall insert this article, in all subcontracts that exceed \$150,000.

**9. AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR**

Funds are not guaranteed for performance under this Contract beyond the current fiscal year that ends on June 30<sup>th</sup>. The Authority's obligation for performance of this Contract beyond that date is contingent upon the availability of funds from which payment for Contract purposes can be made. The Authority's legal liability for any payment cannot arise for performance under this Contract, until funds are made available to the Contracting Officer for performance and until he or she notifies the Contractor of the availability, in writing. Any option exercised by the Authority that will be performed, in whole or in part, in a subsequent fiscal year is subject to availability of funds in that year and will be governed by the terms of this article.

**10. CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)**

- (a) The work will be conducted under the Contracting Officer's general directions. Authority will be delegated to the Contracting Officer's Technical Representative (COTR) to take the following actions;
  - (1) Act as the principal point of contact with the Contractor. The COTR will submit a copy of each item of incoming correspondence and a copy of any enclosures to the Contract Administrator;
  - (2) Approve in writing, the Contractor's progress schedule and submittals when required;
  - (3) Inspect the work for compliance with this Contract;
  - (4) Review and approve invoices and payment estimates. The COTR will forward invoices and receipts to accounting. The COTR will bring any significant discrepancies in, or disputes concerning, Contractor invoices or payments to the Contracting Officer's attention. In those cases requiring release of final retained percentages of payment, the COTR will make his or her recommendations to the Contracting Officer in writing;
  - (5) Coordinate correspondence with the Contract Administrator, if its importance significantly impacts the Contractual terms and conditions;
  - (6) Evaluate the Contractor's technical letters and proposals for the Contracting Officer;

- (7) Advise the Contracting Officer of potential problems that may affect Contract performance;
  - (8) Advise DBE Office, if DBE, SBE, or SBLPP issue(s) appear that may require investigation.
  - (9) Advise the Contracting Officer whenever the COTR has reason to believe that the Contractual not-to-exceed amount will be exceeded;
  - (10) Prepare the Authority's estimate for proposed Contract modifications. Participate in negotiations for modifications;
  - (11) Approve, in writing, the Contractor's progress schedule when required.
  - (12) Receive from the Contractor, monthly, if applicable, DBE status reports and forward them to the DBE Office;
  - (13) Receive from the Contractor certified payroll reports and prepare a log sheet indicating the following: (1) name of the Contractor and subcontractor; (2) the Contract number; (3) the certified payroll number (number for the payroll for the project starting with the number 1); (4) the time frame of the payroll period (i.e. 1/21/11-2/3/11); (5) the statement of compliance date (first page of the report); and (6) the date the report was received by WMATA;
  - (14) Maintain a comprehensive file/record of documents and correspondence concerning Contract activities and actions;
  - (15) Provide the Contract Administrator with a written notification after all supplies/services have been received with a statement that the COTR is not aware of any open issues that would preclude closeout of the Contract and that it is ready for closeout. The COTR will return the file, containing all records, correspondence, etc., to the Contract Administrator;
  - (16) Execute Standard Form 1420, which contains a detailed performance evaluation of the Contractor. If, there are one (1) or more categories in which the Contractor is deemed unsatisfactory, these evaluations must be provided to it for comment;
  - (17) Provide the Contract Administrator with a written request (and requisition) to exercise option(s) (if any) a minimum of ninety (90) days prior to the time established in this Contract for exercise of the option; and
  - (18) The presence or absence of the COTR or his or her inspectors shall not relieve the Contractor from any requirements of this Contract.
  - (19) The COTR may not re-delegate or sub-delegate his or her authority to act on the Contracting Officer's behalf. If, for whatever reason the COTR is unable or unwilling to fulfill his or her responsibilities under this Contract, only the Contracting Officer can designate a new COTR.
- (b) The COTR's name and address will be provided after award.

**CHAPTER II – TIME/DELAYS/LIQUIDATED DAMAGES**

**1. PERIOD OF PERFORMANCE**

The period of performance is effective the date of contract award; vehicle deliveries and acceptance must be completed prior to June 2019.

The contact does not contain optional periods.

**1. OPTIONS- EVALUATION N/A**

**2. OPTIONS- EXERCISE N/A**

**4. OPTION FOR INCREASED OR DECREASED QUANTITIES OF SUPPLIES N/A**

**5. OPTIONS TO EXTEND SERVICES N/A**

**6. OPTION TO EXTEND THE TERM OF THE CONTRACT N/A**

**7. OPTIONS EXERCISED OUT OF SEQUENCE N/A**

**8. LIQUIDATED DAMAGES FOR DELAY N/A**

**9. EXTENSIONS OF TIME/FORCE MAJEURE**

(a) For purposes of this clause, the term “force majeure” shall mean an unforeseen event or circumstance, beyond the control of, and not occasioned by the fault or negligence of, the Contractor or the Authority, that gives rise to a delay in the progress of the Contract, including, without limitation, acts of God, acts of war or insurrection, unusually severe weather, fires, floods, strikes, freight embargoes or other events or circumstances of like nature.

(b) Notwithstanding the provisions of the “Liquidated Damages” article of this Contract (if applicable), if the Contractor is delayed at any time during the performance of this Contract, by the Authority’s negligence or by a force majeure event, then the Contracting Officer shall extend the time for completion and/or the affected delivery date(s) in the following circumstances:

(1) The cause of the delay arises after the award of the Contract and neither was nor could have been anticipated by the Contractor by reasonable investigation before such award;

- (2) The Contractor demonstrates to the Contracting Officer that the completion of the work and/or affected deliveries will be actually and necessarily delayed;
  - (2) The delay cannot be avoided or mitigated by the exercise of all reasonable precautions, efforts and measures available to the Contractor, whether before or after the cause of delay; and
  - (4) The Contractor makes a written request and provides other information to the Contracting Officer, as described below.
- (c) If the Contractor will be delayed at any time or for any period by two (2) or more of the above-mentioned causes, the Contractor shall not be entitled to a separate extension for each cause, but shall be entitled to only one (1) period of extension for the cumulative effects of the delay.
- (d) The Contracting Officer may rescind or shorten any extension previously granted, if he or she subsequently determines that any information that the Contractor provided in support of a request for an extension of time was erroneous, if, accurate information would have resulted in a denial of the request for an excusable delay. The Contracting Officer will not rescind or shorten any extension previously granted, if the Contractor acted in reliance upon it and if, in his or her judgment, such extension was based on information that the Contractor submitted in good faith, even if it is later determined to be erroneous.
- (e) The request for an extension of time shall be made within ten (10) days after the Contractor knows or should know of any cause for which it may claim an excusable delay. The Contractor's request shall contain any potential basis for an extension of time, describing, as fully as possible, the nature and projected duration of the delay and its effect on the completion of the work identified in the request. Within thirty (30) days after his or her receipt of all such information, the Contracting Officer shall advise the Contractor of his or her decision on such requested extension. Where it is not reasonably practicable for the Contracting Officer to render his or her decision in the thirty (30) day period, he or she shall, prior to the expiration of such period, advise the Contractor that he or she will require additional time and state the approximate date upon which he or she expects to render a decision.
- (f) In no event shall a delay in performance of the Contract occasioned solely by a force majeure event or the acts or omissions of any party **outside of the Contractor's control** be the basis for a termination for default pursuant to this Contract. In no event shall a subcontractor at any tier be deemed a party outside of the Contractor's control.

**10. THE AUTHORITY'S DELAY**

- (a) If the performance of all or any part of this Contract is delayed in a material manner or extent by the Authority's acts or omissions that are not expressly or impliedly authorized by this Contract or by applicable provisions of law, the Contracting Officer shall make an adjustment (excluding profit) for any increase in the cost of performance of this Contract caused by such delay and shall modify the Contract, in writing. The Contracting Officer shall make an adjustment to the delivery or performance dates and to any other Contractual provision, if such delay or

interruption affected Contract compliance. The Contracting Officer shall make no adjustment under this Contract for any delay or interruption, if performance was or could have been delayed by any other cause, including, without limitation: (i) the fault or negligence of the Contractor or any subcontractor; (ii) an act constituting a force majeure event pursuant to this Contract; or (iii) any other cause for which an adjustment is provided under any other article of this Contract, at law or in equity.

- (b) An adjustment pursuant to paragraph (a) shall not be allowed:
- (1) For any costs incurred more than twenty (20) days before the Contractor notifies the Contracting Officer, in writing, of the delay.
  - (2) Unless the claim, in a sum certain, is asserted in writing as soon as practicable after the termination of the delay. In no event, shall a Contractor assert a delay claim later than thirty (30) days after its termination. The delay claim shall be accompanied by appropriate documentation, specifically supporting the nature and extent of the claimed impact upon the cost and/or time required for performance. In any instance where it is not possible for the Contractor to fully project such impact within the thirty (30) day period, it shall support the claim with such documentation as is then reasonably available, along with a statement of the anticipated time frame when the Contractor expects to provide the additional materials. The Contracting Officer shall maintain the right throughout the process to request such additional materials as he or she shall reasonably require in consideration of the claim and shall be under no obligation to conclude his or her consideration of the claim prior to review of all relevant materials. Any adjustment to the Contract price pursuant to this clause must be determined prior to final payment under this Contract.

**11. NOTICE TO THE AUTHORITY OF LABOR DISPUTES**

- (a) Whenever the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this Contract, the Contractor shall immediately give notice thereof, including all relevant information with respect thereto, to the Contracting Officer.
- (b) The Contractor agrees to insert the substance of this article, including this paragraph (b), in any subcontract hereunder, if a labor dispute may delay the timely performance of this Contract.

**12. NOTIFICATION OF BANKRUPTCY OR INSOLVENCY**

In the event the Contractor becomes insolvent or files or has filed against it a petition in bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish, by certified mail or electronic commerce method authorized by the Contract, written notification of such to the Contracting Officer. This notification shall be furnished as soon as possible, but in no event more than ten (10) days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of all WMATA Contract numbers for all WMATA contracts against which final payment has not been made. This obligation remains in effect until final payment under this Contract.

**CHAPTER III – ACCEPTANCE/INSPECTIONS/DEFICIENCIES**

**1. INSPECTION OF SERVICES N/A**

**2. INSPECTION OF SUPPLIES**

- (a) The Contractor shall provide and maintain an inspection system acceptable to the Authority covering supplies under this Contract and shall tender to the Authority for acceptance only supplies that have been inspected in accordance with the inspection system and that the Contractor determines to be in conformity with this Contract's requirements. As part of the system, the Contractor shall prepare records evidencing the nature and result of all inspections. These records shall be made available to the Authority during the term of the Contract and thereafter in accordance with the "Audit and Inspection of Records" article of this Contract. The Authority may perform reviews and evaluations as reasonably necessary to ascertain compliance with this article. These reviews and evaluations shall be conducted in a manner that will not unduly delay the Contract. Reviews, whether exercised or not, do not relieve the Contractor of its obligations under this Contract.
- (b) The Authority has the right to inspect and test all supplies under this Contract, to the extent practicable, at all places and times, including during manufacturing, and before acceptance. The Authority shall perform inspections and tests in a manner that will not unduly delay the Contract. The Authority assumes no Contractual obligation to perform any inspection and/or test nor shall the Authority's failure to perform any inspection and/ or test relieve the Contractor of any obligation under this Contract.
- (c) If the Authority performs inspection(s) or test(s) on the Contractor's or subcontractor's premises, the Contractor shall furnish, and shall require subcontractors to furnish, without additional cost, all reasonable facilities and assistance for the safe and convenient performance of these inspections or tests.
- (d) When supplies are not ready at the time specified for inspection or testing, the Contracting Officer may charge the Contractor for any additional, associated costs. The Contracting Officer may also charge the Contractor for any additional costs of inspection or testing when prior rejection makes re-inspection or retesting necessary.

**3. ACCEPTANCE OF SUPPLIES**

- (a) The Authority shall accept or reject tendered supplies as promptly as practicable after delivery, unless otherwise provided in this Contract. The Authority's failure to inspect and/or accept or reject the supplies shall not relieve the Contractor from responsibility, nor impose liability upon the Authority, for nonconforming supplies.
- (b) The Authority's acceptance shall be deemed conclusive, except for latent defects, fraud, willful misconduct, gross mistakes amounting to fraud or as otherwise provided in this Contract. In such instances, the Authority, in addition to any other rights and remedies it has under this Contract, at law or in equity, shall have the right:



- (1) To direct the Contractor, at no increase in Contract price, to correct or replace the defective or nonconforming supplies at the original point of delivery or, if the Contracting Officer determines, at the Contractor's facility, in accordance with a reasonable delivery schedule as may be agreed upon between the parties. The Contracting Officer may reduce the Contract price, if the Contractor fails to meet such delivery schedule; or
- (2) Within a reasonable time after the Contractor's receipt of a Notice of Defects or Nonconformance, the Contracting Officer may reduce the Contract price, as is equitable under the circumstances, if he or she elects not to require correction or replacement. When supplies are returned to the Contractor, the Contractor shall bear the costs of transportation.

**4. NEW MATERIAL [SUPPLIES]**

Unless this Contract specifies otherwise, the Contractor represents that any supplies and components to be provided under this Contract are new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety). If at any time during the performance of this Contract, the Contractor believes that furnishing supplies or components that are not new is in the Authority's best interests, the Contractor shall notify the Contracting Officer immediately in writing. The Contractor's notice shall include the reasons for the request, along with any proposed price reduction, that the Authority may take if the Contracting Officer agrees to authorize such supplies or components. The Contracting Officer's authorization to use such supplies or components shall be final and binding and not subject to further review pursuant to the "Disputes" article of this Contract or otherwise.

**5. WARRANTY OF SUPPLIES**

- (a) All workmanship, parts and equipment furnished for this Contract will be unconditionally warranted against failures or defects for a period as specified in each attach **Exhibit 1**-Vehicle Service Specification(s). The Contractor will accept the Authority's records regarding the date the item was placed in service.
- (b) In the event that any work covered by the warranty provisions fails during the warranty period, the Contractor shall repair or replace the work within thirty (30) days without cost or expense to the Authority.
- (c) Should the Contractor shall fail to repair or replace any part or do any work in accordance with the terms of this warranty, or if immediate replacement or work is necessary to maintain operations, the Authority shall have the right to cause such replacement to be made, utilizing its own forces and/or those of third parties as the Authority shall reasonably deem appropriate, at the Contractor's expense.
- (d) The Contractor shall make adequate service facilities available, along with spare parts, for all the items under warranty. Trained technical service personnel shall be available to the Authority sufficient to meet the Contractor's warranty obligations.
  - (1) The Contractor shall provide field service representatives who are competent and fully qualified in the maintenance and operation of the warranted items. These field service representatives shall assist the Authority in overcoming

any difficulties in the operation or maintenance of the warranted items. They shall further serve as the Contractor's on-site representatives for any component failure claims or warranty claims under this Contract.

- (2) During the warranty period, a service representative will be available within twenty four (24) hours.
- (e) The Authority's rights set forth in this article shall be in addition to those set forth elsewhere in this Contract or otherwise at law or in equity.

**6. WARRANTY OF SERVICES N/A**

**7. CORRECTION OF DEFICIENCIES**

- (a) The Contractor must replace materials or correct workmanship not conforming to the Contract's requirements at no additional cost to WMATA. In addition, the Contractor is subject to any liquidated damages specified in this Contract or actual damages incurred by WMATA. If the Contractor fails to correct deficiencies, the Contracting Officer, may take specific action as follows:
  - (1) Replace or correct the item or work at the Contractor's expense. This may be accomplished by award of a new contract or by use of WMATA's own resources.
  - (2) Accept the items with a reduction in price. This action will be accomplished by formal modification to this Contract. The reduced price will be based upon the reasonable value of the item, considering the possible cost of correcting the item.
  - (3) Terminate this Contract for default. If the item or work must be re-procured, the Contractor is normally liable for excess costs incurred by WMATA in accordance with the "Termination for Default" article of this Contract.

**8. FIRST ARTICLE INSPECTION**

- (a) The Contractor shall deliver one (1) unit to the Authority for first article (pre-production) tests. The shipping documentation shall contain this Contract number and the lot/item identification number. The characteristics for the first article inspection and its testing requirements are stated in the technical specifications/ Statement of Work.
- (b) Within ten (10) days after the Authority receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this Contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite the reasons for the disapproval.

- (c) If the first article is disapproved, the Contractor, upon the Authority's request, shall submit an additional first article for testing. After each request, the Contractor shall make any necessary modifications, or repairs to the first article or select another first article for testing. The Contractor shall pay for all costs related to these tests. The Contractor shall furnish any additional first article under this Contract within the time specified by the Authority. The Contracting Officer may make an equitable adjustment to the Contract for any schedule extension related to these tests, at no cost to the Authority.
- (d) Unless otherwise provided in the Contract, the Contractor:
  - (1) May deliver the approved first article as a part of the Contract quantity, if it meets all of the Contract's requirements for acceptance and was not damaged or impaired in testing; and
  - (2) Shall remove and dispose of any first article from the Authority's test facility at the Contractor's expense.
- (e) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repairs to the first article during any first article test.
- (f) The Authority will inspect the first article in accordance with the Contract's requirements. A written report will be forwarded to the Contractor in accordance with (b) above.

**9. F.O.B. DESTINATION**

- (a) Unless otherwise specified, the Contractor shall furnish all supplies to be delivered under this Contract "F.O.B. Destination." As used herein, "F.O.B. Destination" means:
  - (1) Free of expense to WMATA on board the carrier's conveyance, at a specified delivery point where WMATA's facility (plant, warehouse, store, lot, or other location to which shipment can be made) is located; and
  - (2) Supplies shall be delivered to WMATA's warehouse unloading platform, or receiving dock, at the Contractor's expense. WMATA shall not be liable for any delivery, storage, demurrage, accessorial, or other charges involved before the actual delivery of the supplies to the destination, unless such charges are caused by WMATA's acts or omissions, acting in its Contractual capacity. If the Contractor uses a rail carrier or freight forwarder for less than full carload shipments, the Contractor shall assure that the carrier will furnish tailgate delivery, if transfer to truck is required to complete delivery to WMATA.
- (b) The Contractor shall:
  - (1) Pack and mark the shipment to comply with this Contract's specifications;
  - (2) In the absence of specifications, prepare the shipment in conformance with carrier requirements;
  - (3) Prepare and distribute commercial bills of lading;

- (4) Deliver the shipment in good order and condition to the delivery point specified in the Contract;
- (5) Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by WMATA at the delivery point specified in the Contract;
- (6) Furnish a delivery schedule and designate the mode of delivering carrier; and
- (7) Pay and bear all charges to the specified point of delivery.

**10. QUALITY ASSURANCE/QUALITY CONTROL**

The Contractor shall be responsible for quality assurance and for assuring that the work conforms to the requirements of this Contract. The Contractor shall maintain an effective and economical quality control program planned and developed in conjunction with other Contractor functions necessary to satisfy this Contract's requirements. The quality control program shall establish and implement procedures to ensure that only acceptable supplies or services are tendered to the Authority for acceptance, and shall demonstrate both recognition of the Contract's quality requirements and an organized approach to satisfying them. The program shall ensure that quality requirements are satisfied throughout all phases of Contract performance, including, as applicable, design development, purchasing, fabrication, processing, assembly, inspection, testing, packaging, delivery, and storage and shall provide for the early detection of actual or potential deficiencies, trends, or conditions that could result in unsatisfactory quality.

**CHAPTER IV—CHANGES/ PRICING ADJUSTMENTS**

**1. CHANGE ORDERS**

- (a) The Contracting Officer may at any time, by a written order, and without notice to the sureties, if any, direct and implement change orders, within the general scope of this Contract, including but not limited to one or more of the following:
  - (1) Nature and/or extent of services to be performed or supplies to be furnished;
  - (2) Time of performance (i.e., hours of the day, days of the week, etc.); or
  - (3) Place of performance of the services or delivery of the supplies.
- (b) If, in the Contracting Officer's judgment, any change causes an increase or decrease in the cost of, or the time required for, the performance of any part of this Contract, whether or not directly changed by the order, he or she shall make an equitable adjustment to the Contract price, the delivery schedule, or both, and shall modify the Contract, in writing, accordingly.
- (c) In any instance where the Contractor asserts a right to an adjustment in the Contract price or time required for performance as the result of a change, it must submit a written claim advising the Authority within thirty (30) days from the date of receipt of the written order directing the change. The claim shall be accompanied by appropriate documentation, supporting the nature and extent of the claimed impact upon the Contract price and/or time required for performance. In any instance where it is not reasonably practicable fully project such impact within the thirty (30) day period, the Contractor shall accompany its claim with such supporting documentation as is then reasonably available as along with a statement of the anticipated time frame when the Contractor expects to provide the additional materials. The Contracting Officer shall maintain the right throughout the process to request such additional materials as he or she shall reasonably require in consideration of the claim and shall be under no obligation to conclude his or her consideration of the claim prior to review of all relevant materials. Any adjustment to the Contract price pursuant to this article must be agreed upon or otherwise determined prior to final payment.
- (d) If the Contractor's proposed price adjustment includes the cost of property rendered obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of property disposition.
- (e) Disagreement regarding either party's right to any adjustment in price or time for performance as the result of a change implemented pursuant to this article shall be subject to adjudication in accordance with the "Disputes" article of this Contract. Notwithstanding the pendency of any such dispute, the Contractor expressly acknowledges that it shall remain fully obligated to perform the Contract as so changed.
- (f) The Contractor shall promptly notify the Contracting Officer of matters, whether implemented as change orders or otherwise, that the Contractor believes may reasonably result in either an increase or decrease in the Contract price or the time

required for performance of any part of the Contract and shall take action as the Contracting Officer directs. The Contractor's failure to provide such notification shall constitute a waiver of its right to seek an adjustment in the Contract price or time required for such performance.

- (g) In no event shall the Contractor be entitled to payment for change orders, additional or extra supplies or services or other modifications to this Contract, unless the Contracting Officer authorizes, it in writing.

## **2. PRICING OF ADJUSTMENTS**

- (a) The parties agree that, notwithstanding any interpretation of contract cost principles to the contrary, the Authority will not be liable for interest, however represented, on or as a part of any claim, request, proposal or adjustment, including equitable adjustments, whether it arises under the Contract or otherwise.
- (b) As part of its proposal for any Contract modification requiring a price adjustment in excess of \$150,000, the Contractor shall submit to the Contracting Officer, cost or pricing data under the conditions described in this paragraph and certify that, to the best of its knowledge and belief, the cost or pricing data submitted is accurate, complete and current as of the date submitted. At the Contracting Officer's discretion, the Contractor, may be required to submit cost or pricing data for price adjustments less than \$150,000.
- (c) The Contractor shall ensure that this article is included in all subcontracts at any tier, if the value of the subcontracted work exceeds \$150,000.

## **3. ACCOUNTING AND RECORD KEEPING FOR ADJUSTMENTS**

- (a) *Applicability.* This article shall apply to any adjustment in the Contract price initiated by the Contractor or the Authority.
- (b) *Forward Price Adjustments.* Unless waived in writing, the Contractor shall furnish to the Contracting Officer, a proposed price adjustment in advance of performance of any work for which the price adjustment is requested. The Contractor shall generate such records as are necessary to substantiate all elements of the proposed adjustment, which records shall be specifically segregated and identified in the Contractor's accounting system as being applicable to the pricing adjustment request.
- (c) *Post Price Adjustments.* This paragraph shall be applicable to price adjustments that either (i) are expected to exceed \$50,000; or (ii) arise in connection with a Contract with a base sum in excess of \$1,000,000. In addition to the records required pursuant to paragraph (b) above, if pricing of an adjustment under this Contract is not agreed upon between the parties prior to the commencement of work for which the pricing adjustment is requested, the Contractor and any subcontractor engaged in work for which the pricing adjustment is requested, shall maintain accounts and original cost records specifically segregated and identified by job order or other appropriate accounting categories that the Contracting Officer approves for all incurred, segregable costs related to the work for which the pricing adjustment is requested. The Contractor shall maintain accounts and records that segregate and account for the

costs of all work associated with that part of the Contract for which the pricing adjustment is requested. The Contractor shall allocate the costs so accumulated between: (1) work required under the base Contract; (2) work requested to be reimbursed under the pricing adjustment; and (3) work claimed or determined to be related to other actual or proposed adjustments, including but not limited to, changes orders, differing site conditions, and the like. The accounts and records so established shall accumulate such costs under logical costs groups, such as material, labor, equipment, subcontracts, field overhead and the like. The Contractor shall record these costs on a form approved by the Contracting Officer.

- (e) *Access to Records.* As a condition to the Authority's obligation to consider any claim for a potential price adjustment under any provision of this Contract, the Contractor shall grant the Authority access to review and ascertain the validity of the accounting records being maintained for segregation of costs, including base cost records, and to audit any such costs as the Contracting Officer deems appropriate.
  
- (f) *Limitation on Price Adjustments.* If the Contractor or any subcontractor fails to generate, maintain, or make available any records required under this Contract, in addition to any rights to which the Authority may be entitled, the Contracting Officer shall determine whether such failure is willful, deliberate or otherwise precipitated by the Contractor's bad faith, in which case the Contractor shall not be entitled to any price adjustment for the work in question. Where the Contracting Officer determines that the failure was not the result of the Contractor's bad faith, he or she shall determine the reasonable direct costs of the work for which records are not available, and add a single mark-up for indirect expenses not to exceed ten percent (10%) of the direct costs based on:
  - (1) An audit of the Contractor's or subcontractor's records made available to the Authority; and/or
  - (2) The Authority's estimate as the Contracting Officer adopts or modifies
  
- (g) In no event shall the Contractor and/or subcontractor be allowed any profit on claimed work for which records are not made available in accordance with its obligations under this Contract.
  
- (h) *Flow-down clause.* The Contractor shall ensure the inclusion of this article in all subcontracts issued under this Contract, modified as necessary, for proper identification of the contracting parties and the Contracting Officer.

**CHAPTER V – INVOICES/PAYMENTS/ DEDUCTIONS**

**1. BILLING AND PAYMENT**

- (a) The Authority shall pay and the Contractor shall accept the amounts set forth in the Price Schedule as full compensation for all costs and expenses of completing the this Contract, including, but not limited to, all labor and material required to be furnished under this Contract, all overhead, expenses, fees and profits including the cost of providing storage yards or facilities; all risks and obligations set forth in this Contract; any applicable fees or taxes; and all expenses due to any unforeseen difficulties encountered in the prosecution of the work.
  
- (b) Payments will be made following acceptance of the services or supplies to be provided under this Contract and after receipt and acceptance of a properly completed invoice. WMATA will accept the submittal of invoices in one of the following methods:
  - (1) Email: Invoices may be submitted through email at: [apinvoice@wmata.com](mailto:apinvoice@wmata.com). Please submit one (1) invoice and supporting documentation per PDF attachment. You may submit more than one PDF attachment per email.
  
  - (2) Fax: Invoices may be submitted via the following number: 1-866-534-9063. Please submit one (1) invoice and all supporting documentation for this invoice per fax.
  
  - (3) Regular Mail: Invoices may be submitted via U.S. Postal Service to the following address:

WMATA-Accounts Payable  
PO Box 1910  
Beltsville, MD 20704-1910

Note: This address is only for vendor invoices. Correspondence should not be sent to this address.
  
- (c) Invoices shall contain the vendor's name, a unique invoice number for each shipment or service, invoice date, payment terms, total invoice amount, "remit to" address, purchase order number, freight terms, description of each item being invoiced, quantity, unit item cost, extended cost by item, total freight/handling costs, and contact name and email address. Final invoices must clearly be marked "Final" and cite the amount of this Contract, amount previously paid, and the balance due.
  
- (d) The Authority shall remit payment, generally within thirty (30) days of its receipt and acceptance of an invoice satisfying the requirements of paragraphs (b) and (c), at the prices stipulated in the Contract for supplies delivered and accepted or services rendered and accepted, less any applicable deductions.



**2. PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA – MODIFICATIONS**

If the Contracting Officer determines that any price, including profit or fee, previously negotiated in connection with any modification to this Contract involving changes in cost plus applicable profit in excess of \$150,000 was based upon the Contractor's or subcontractor's cost or pricing data that was not complete, accurate or current, such that the amount the Authority paid to the Contractor for such price adjustment was greater than the Contractor would have been entitled based upon accurate and complete data, the Authority shall be entitled to an adjustment in an amount equal to such overpayment. The Authority's rights hereunder shall be in addition to any other rights it may have under this Contract, at law or in equity.

**3. SUBCONTRACTOR PAYMENTS**

- (a) The Contractor shall, under this Contract, establish procedures to ensure timely payment of amounts due pursuant to the terms of its subcontracts. The Contractor shall pay each subcontractor for satisfactory performance of its contract, or any billable portion thereof, no later than ten (10) days from the date of the Contractor's receipt of payment from the Authority for work by that subcontractor. The Contractor shall also release, any retention withheld from the subcontractor within ten (10) days of satisfactory completion of all work required by that subcontractor.
- (b) The Contractor shall certify on each payment request to the Authority that payment has been or will be made to all subcontractors in accordance with paragraph (a) above. The Contractor shall notify the Contracting Officer with each payment request, of any situation where scheduled subcontractor payments have not been made.
- (c) In the event of a claim by any subcontractor that the Contractor has failed to comply with the terms of this article, the Contractor agrees to fully cooperate in any Authority investigation, and, if deemed appropriate by the Authority, to implement appropriate remedial measures to ensure future compliance.
- (d) The Contractor agrees that the Contracting Officer may provide information that he or she deems appropriate in response to inquiries from subcontractors seeking to determine the status of the Authority's payments to the Contractor.
- (e) Nothing contained in this article or elsewhere in this Contract shall create a Contractual relationship between the Authority and any subcontractor, shall make the subcontractor an intended beneficiary of this Contract or shall alter or affect traditional concepts of privity of contract.

**4. GARNISHMENT OF PAYMENTS**

Payments under this Contract shall be subject to any garnishment, attachment orders, and/or levies issued pursuant to the laws of the United States, Maryland, Virginia, and the District of Columbia.

**CHAPTER VI – CONTRACT TERMINATION/STOP WORK ORDERS/DISPUTES**

**1. STOP WORK ORDERS**

- (a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part of the work for a period of up to ninety (90) days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a “Stop Work Order” (“SWO”) issued under this article. Upon receipt of the SWO, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the SWO during the period of work stoppage. Within a period of ninety (90) days after an SWO is delivered to the Contractor, or within any extension of that period to which the parties agree, the Contracting Officer shall either:
  - (1) Cancel the SWO; or
  - (2) Terminate the work covered by the SWO as provided in this Contract, as appropriate.
- (b) If a SWO is cancelled or expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment to the delivery schedule or Contract price, or both, and shall modify the Contract in writing if, in his or her judgment:
  - (1) The SWO results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this Contract; and
  - (2) The Contractor submits a written claim for such adjustment within thirty (30) days after the end of the period of work stoppage. At the Contracting Officer's discretion, the Authority may act upon any claim submitted at any time before final payment under this Contract.
- (c) If an SWO is not cancelled and the work covered by the Contract is terminated for the convenience of the Authority, the Contracting Officer shall allow reasonable costs, if any, resulting from the SWO in arriving at the termination settlement pursuant this Contract.

**2. TERMINATION FOR DEFAULT- FTA**

- (a) The Contractor shall be in default if it commits a breach of any of its obligations under this Contract deemed material by the Contracting Officer. In addition to those instances specifically referred to in this Contract, the Contractor shall be in default in the following circumstances:
  - (1) It fails to begin, or abandons, the work of the Contract in accordance with the contractual requirements;
  - (2) It fails to deliver the supplies or perform the services within the time specified in this Contract or any extension that the Contracting Officer approves;

- (3) It fails to make progress in a manner that the Contracting Officer deems unreasonable so as to endanger performance of this Contract;  
or
  - (4) In the view of the Contracting Officer, the Contractor is willfully violating this Contract or is not executing it reasonably and in good faith.
- (b) In the event the Contractor's material breach pursuant to paragraph (a), the Contracting Officer is authorized to direct a written notice (a "Notice to Cure") to the Contractor, specifying the nature of the breach and stating that the Contractor has ten (10) days to cure the breach or such additional time as the Contracting Officer authorizes. If the Contractor fails to cure the breach in the time specified in the Notice to Cure, the Contracting Officer may terminate this Contract, in whole or designated part, for default after providing written notice to the Contractor.
- (c) Upon receipt of a "Notice of Default," the Contractor shall immediately cease performance of the work so terminated. The Authority shall have the right to take any action necessary to complete the work, including performing the work itself, or contracting with another party to do so. In the event the work is completed directly by the Authority or by a third party, the Contractor shall be liable for the additional costs and expenses necessary to complete the work, including, without limitation, labor, material costs, plant costs, tooling expenses, and equipment and property costs. The Authority may deduct the costs and expenses so charged and pay them out of any monies otherwise payable to the Contractor. Nothing contained herein shall be deemed to relieve the Contractor of its continuing obligation to perform any portion of this Contract that was not terminated.
- (d) The Contracting Officer may, at his or her sole discretion, waive a default by the Contractor, but such waiver shall not be deemed a waiver of any subsequent default.
- (e) Upon any termination for default, the Contracting Officer may require the Contractor to transfer title and deliver to the Authority, any completed or partially completed supplies, components (including data and intellectual property) and Contract rights that the Contractor has specifically produced or acquired for the terminated portion of this Contract. At the Contracting Officer's direction, the Contractor shall also protect and preserve property in its possession in which the Authority may have an interest.
- (f) Upon any termination for default, the Authority shall pay for supplies delivered and accepted and/or services rendered and accepted in accordance with the terms of this Contract. The Authority may also compensate the Contractor for actions that it reasonably takes at the Contracting Officer's direction for the protection and preservation of property. The Authority may withhold from these payments any sum that the Contracting Officer determines to be necessary to protect the Authority against loss because of outstanding or claimed liens, or pending or anticipated claims under the Contract.
- (g) If, at any time following the Authority's issuance of a termination for default hereunder, it is determined that the Contractor was not in default or that the default was excusable, the termination shall be converted to a termination for convenience and the rights and obligations of the parties shall be determined in accordance with the "Termination for Convenience" article of this Contract.

- (h) Any dispute or disagreement regarding any issue arising under this article shall be subject to adjudication in accordance with the “Disputes” article of this Contract. In no event shall the Authority’s issuance of a “Notice to Cure” pursuant to paragraph (b) be the basis of a dispute pursuant to the “Disputes” article or otherwise be subject to further review under this Contract or otherwise. The pendency of any dispute shall not constitute a basis for the delay or suspension of, or otherwise affect the Authority’s right to proceed in accordance with this article, including without limitation, its right to complete the work or its right to insist that the Contractor complete any portion of the Contract that was not terminated.
- (i) The Authority’s rights and remedies in this article are in addition to any other rights and remedies provided under this Contract, at law or in equity.

**3. TERMINATION FOR CONVENIENCE- FTA**

- (a) The Contracting Officer may terminate this Contract in whole, or in part, if he or she determines that a termination is in the Authority’s interest. The Contracting Officer shall terminate by delivering a “Notice of Termination” to the Contractor specifying the extent of termination and its effective date.
- (b) Upon receipt of a Notice of Termination, except as the Contracting Officer otherwise directs, the Contractor shall immediately:
  - (1) Stop work as specified in the Notice of Termination;
  - (2) Complete performance of the work not terminated;
  - (3) Place no further subcontracts or orders for materials, services, or facilities, except as necessary to complete the remaining portion of the Contract;
  - (4) Terminate all subcontracts to the extent that they relate to the work terminated;
  - (5) Assign to the Authority, as directed by the Contracting Officer, all of the Contractor’s right(s), title, and interest(s) under the subcontracts terminated. The Authority shall have the right to settle or pay any termination costs arising out of the subcontracts and have no further liability to the Contractor for the work that was the subject of such subcontracts;
  - (6) With the Contracting Officer’s approval, settle all outstanding liabilities and settlement costs arising from the termination of subcontracts;
  - (7) As the Contracting Officer directs, transfer title and deliver to the Authority:
    - (i) Parts, work in process, completed work, supplies, and other material produced or acquired for the work terminated; and
    - (ii) The completed or partially completed plans, drawings, information and other property that would have been required to be furnished to the Authority, if the Contract had been completed.

- (8) Take any action that may be necessary, or as the Contracting Officer may direct, for the protection and preservation of the property related to this Contract that is in the Contractor's possession and in which the Authority has or may acquire an interest;
- (9) Use its best efforts to sell, as the Contracting Officer authorizes, any property of the types referred to in paragraph (b)(7). The Contractor is not required to extend credit to any purchaser and may acquire the property under the conditions that the Contracting Officer prescribes. The proceeds of any transfer or disposition will be applied to reduce payments to be made by the Authority under this Contract, credited to the price or cost of the work, or paid in any other manner that the Contracting Officer directs.
- (c) The Contractor shall submit complete termination inventory schedules not later than one hundred twenty (120) days from the effective date of termination, unless the Contracting Officer extends the time in writing.
- (d) As soon as reasonably practicable, and not later than twenty (20) business days following the Authority's issuance of a "Notice of Termination" pursuant to paragraph (a), the Contractor shall submit a termination settlement proposal (TSP) to the Contracting Officer in the form that he or she prescribes, detailing the costs to which it asserts entitlement pursuant to this article. If the Contractor fails to submit the TSP within the time prescribed, the Contracting Officer may determine, on the basis of information available, the amount, if any, due to the Contractor as a result of the termination and shall pay the amount so determined.
- (e) Following submission of the Contractor's TSP pursuant to paragraph (d), the parties shall agree upon the whole, or any part, of the amount to be paid or remaining to be paid as a result of the termination. The amount may include a reasonable allowance for profit on work completed. In no event shall the total amount to be paid to the Contractor pursuant to this article exceed the total Contract price as reduced by (1) payments previously made and (2) the Contract price of the remaining work, not terminated.
- (f) If the parties disagree on the whole amount to be paid because of the termination, the Contracting Officer shall pay the Contractor the amounts that he or she determines as follows, but without duplication of any amounts agreed upon under paragraph (e):
  - (1) The Contract price for completed supplies or services that the Authority accepted [or sold or acquired under paragraph (b)(9)] not previously paid for, adjusted for any saving of freight and other charges.
  - (2) The total of:
    - (i) The costs incurred prior to termination in the performance of the work terminated, including initial costs and preparatory expenses allocable thereto, but excluding any costs attributable to items compensated or to be paid for under subparagraph (f)(1);

- (ii) Termination costs under terminated subcontracts that are properly chargeable to the terminated portion of this Contract, if not excluded in subparagraph (f)(2)(i); and
  - (iii) A sum, representing profit on the items described in subparagraph (f)(2)(i) that the Contracting Officer determines to be fair and reasonable pursuant to Section 49.202 of the Federal Acquisition Regulation (FAR), in effect on the date of this Contract. If it appears that the Contractor would have sustained a loss on the entire Contract had it been completed, the Contracting Officer shall allow no profit under this subparagraph and shall reduce the settlement to reflect the projected rate of loss.
- (3) The reasonable indirect costs of settlement of the work terminated, including:
  - (i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of TSP(s);
  - (ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and
  - (iii) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory.
- (g) Except for normal spoilage, and except to the extent that the Authority expressly assumed the risk of loss, the Contracting Officer shall exclude from the amounts payable to the Contractor under paragraph (f), the fair value, as he or she determines of property that is unavailable or damaged and undeliverable to the Authority or to a third party.
- (h) The cost principles and procedures of FAR Part 31 in effect on the date of this Contract, shall govern all costs claimed, agreed to, or determined under this article, except that the Authority shall not be obligated to pay interest, however represented, on any claimed costs.
- (i) The Contractor shall have the right to appeal, under the "Disputes" article, from the Contracting Officer's determination under paragraphs (d) or (f). The Contractor's failure to submit the TSP within the time provided in paragraph (d), or to timely request an extension thereof, shall constitute a waiver of its right to appeal the Contracting Officer's determination pursuant to the "Disputes" article or any otherwise applicable Contractual, legal or equitable remedy.
- (j) In determining any sum due to the Contractor under this article, there shall be deducted:
  - (1) All unliquidated advances or other payments to the Contractor under the terminated portion of this Contract;
  - (2) The value, as the Contracting Officer, reasonably determines, of any claim that the Authority has against the Contractor under this Contract, including

any third-party claim, if the Contracting Officer is not satisfied that sufficient insurance coverage is in place; and

- (3) The agreed price for, or the proceeds of sale of, materials, supplies, or other items that the Contractor procured or sold under this article, not recovered by or credited to the Authority.
  
- (k) If the Contractor asserts that any partial termination has rendered enforcement of the remainder of this Contract at the remaining Contract price inequitable, the Contractor may file a proposal with the Contracting Officer for an adjustment to the price(s) for the continued portion of this Contract. Such proposal shall be submitted within ninety (90) days from the effective date of termination, unless the Contracting Officer extends it in writing, and shall be accompanied by appropriate supporting documentation.
  
- (l) The Contractor's responsibilities and obligations under this article shall remain in full force and effect notwithstanding the pendency of any dispute or other delay relating to determination of the appropriate price adjustment or any other issue arising from the termination for convenience.
  
- (m) Unless otherwise provided in this Contract or by statute, the Contractor and all subcontractors whose work is encompassed in the termination settlement shall maintain all records and documents relating to the terminated portion of this Contract for three (3) years after final settlement. This includes all books and other evidence bearing on the Contractor's costs and expenses under this Contract. The Contractor shall make these records and documents available to the Authority, its governing jurisdictions and any other Federal, state, or local entities providing funding for this Contract, and to the U.S. Comptroller General or the agents or representatives of any of them, at the Contractor's office, at all reasonable times, without any direct charge.

**4. ASSIGNMENT- FTA**

- (a) Except as otherwise provided in this article, the Contractor shall not transfer any of its rights and obligations under this Contract to third parties without the Contracting Officer's prior, written consent. The Contracting Officer may recognize a third party as successor in interest to this Contract in the event of a transfer of all or substantially all of the Contractor's assets, a change in a division of the Contractor involved in the performance of this Contract, or if a parent company provides performance guarantee(s) under this Contract, (i.e., sales of assets, transfer of assets pursuant to merger or consolation, or incorporation of a proprietorship or partnership). Such recognition shall be at the Contracting Officer's discretion after review of the facts and circumstances surrounding each request. The Contracting Officer, at his or her discretion, may conduct an evaluation of the successor party's capability to perform this Contract in the same manner and to the same extent that he or she conducted a responsibility determination as part of the original solicitation for this Contract. Should the Contracting Officer, for any reason, not recognize such a successor in interest, he or she may terminate this Contract.
  
- (b) Any attempt to transfer by assignment that the Contracting Officer does not authorize shall constitute a material breach of this Contract and the Contracting Officer may

terminate this Contract in accordance with the "Termination for Default" article set forth in this Contract.

- (c) Nothing contained herein shall be deemed to preclude the Contractor's assignment of claims for monies due or to be become due to it under this Contract to a bank, trust company or other financing institution, including any Federal lending agency, upon written notice of such assignment to the Contracting Officer.

**5. DISPUTES- FTA**

- (a) Any dispute concerning a question of fact arising under or related to this Contract that is not disposed of by agreement, shall be decided by the Contracting Officer, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the Contractor. The Contracting Officer's decision shall be final and conclusive unless, within thirty (30) calendar days from the date of its receipt, the Contractor mails or otherwise furnishes to the Contracting Officer, a written notice of appeal addressed to the Authority Board of Directors. Such notice must indicate that an appeal is intended and must reference the decision and Contract number. The decision of the Board of Directors or its duly authorized representative for the determination of such appeals shall be final and conclusive, unless in proceedings initiated by either party for review of such decision in a court or board of competent jurisdiction, it determines that the decision was fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. In any appeal under this article, the appellant shall be afforded an opportunity to be heard and offer evidence in support of its appeal. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of this Contract in accordance with the Contracting Officer's decision. The Armed Services Board of Contract Appeals (ASBCA) is the Board of Directors' authorized representative for final decisions on an appeal.
- (b) This "Disputes" article does not preclude consideration of questions of law in connection with decisions provided for in paragraph (a) above. Nothing in the Contract, however, shall be construed as making final, the decisions of the Board of Directors or its representative on questions of law.

**6. EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS FOR CONSTRUCTION ACTIVITIES- FTA**

- (a) When undertaking "construction" as recognized by the U.S. Department of Labor (U.S. DOL), the Contractor agrees to comply with U.S. DOL regulations "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Part 60, and Executive Order 11246 "Equal Employment Opportunity," as amended by Executive Order 11375, "Amending Executive Order 11246, Relating to Equal Employment Opportunity," 42 U.S.C. § 2000 (e) note.



**CHAPTER VII – INDEMNIFICATION/INSURANCE/RISK OF LOSS**

**1. INDEMNIFICATION**

- (a) Contractor shall indemnify, defend and hold harmless the Authority, its Board members, employees and agents, from all liabilities, obligations, damages, penalties, claims, costs, charges and expenses (including reasonable attorneys' fees), of whatsoever kind and nature for injury, including personal injury or death of any person or persons, and for loss or damage to any property, including the property of the Contractor and the Authority, occurring in connection with, or in any way arising out of the use, occupancy and performance of the work and/or any acts in connection with activities to be performed under this Contract, unless the loss or damage is due to the sole negligence of the Authority. Nothing in the preceding sentence shall be deemed to relieve Contractor from ultimate liability for any of its obligation under this Contract.
- (b) Contractor shall indemnify, defend and hold harmless the Authority, its Board members, employees and agents, against any and all claims, liabilities, losses, demands, damages, penalties, costs, charges, remedial costs, environmental claims, fees or other expenses including attorneys' fees, related to, arising from or attributable to any effluent or other hazardous waste, residue, contaminated soil or other similar material discharged from, removed from, or introduced on, about or under the job site. The foregoing indemnity does not apply to loss or damage due to preexisting conditions, whether known or unknown.
- (c) If any action or proceeding relating to this indemnification is brought against the Authority, then upon written notice from the Authority to the Contractor, the Contractor shall, at its own expense, resist or defend such action or proceeding by counsel approved by the Authority in writing. No approval of counsel shall be required where the cause of action is resisted or defended by counsel of any insurance carrier obligated to resist or defend the same. The Authority reserves the right to use its own counsel under this indemnity at Contractor's sole cost and expense.
- (d) Contractor understands and agrees to its responsibility to provide indemnification to the Authority pursuant to this clause. The provision of insurance, while anticipated to provide a funding source for this indemnification, is in addition to any indemnification requirements. The failure of Contractor's insurance to fully fund any indemnification shall not relieve the Contractor of any obligation hereunder.

**2. INSURANCE REQUIREMENTS**

**I. MINIMUM REQUIRED INSURANCE: MINIMUM LIMITS OF INSURANCE**

INSURANCE TYPE	LIMITS	BASIS
<b>Workers' Compensation</b>	Statutory	
<b>Employers' Liability</b>	\$500,000	Each Accident
	\$500,000	Disease Policy Limit
	\$500,000	Disease Each Employee
<b>Commercial General Liability</b>		
	\$2,000,000	Each Occurrence Limit
	\$4,000,000	General Aggregate Limit
	\$2,000,000	Products-Completed Operations Limit
<b>Business Auto Liability</b>		
	\$2,000,000	Combined Single Limit

**II. MINIMUM REQUIRED INSURANCE: MINIMUM INSURANCE COVERAGES AND COVERAGE PROVISIONS**

- 1) Contractor is required to maintain the prescribed insurance outlined in this Exhibit A during the entire period of performance under this contract. Notice to Proceed (NTP) will not be issued until all required insurance has been accepted by WMATA.
- 2) The prescribed insurance coverage and limits of insurance are minimum required coverages and limits. Contractor is encouraged, at its sole cost and expense, to purchase any additional insurance coverages and or limits of insurance that Contractor deems prudent and necessary to manage risk in the completion of this contract.
- 3) Upon written request from WMATA, contractor shall provide copies of any requested insurance policies, including applicable endorsements, within five (5) business days of such request.
- 4) Receipt, review or communications regarding certificates of insurance (COI), insurance policies, endorsements, or other materials utilized to document compliance with these Minimum Insurance Requirements does not constitute acceptance by WMATA.

- 5) Insurance companies must be acceptable to WMATA and must have an A. M. Best rating of at least A- VII.
- 6) Unless otherwise noted, "Claims Made" insurance policies are not acceptable.
- 7) Any insurance policy utilizing a Self-Insured Retention (SIR) requires written approval from WMATA.
- 8) Contractor must incorporate these Minimum Insurance Requirements into contract requirements of all subcontractors of every tier; however, Contractor, at its sole peril, may amend these Minimum Insurance Requirements for its subcontractors, but doing so does not relieve Contractor from its respective liability to WMATA.
- 9) Compliance with these Minimum Insurance Requirements does not relieve Contractor from Contractor's respective liability to WMATA, even if that liability exceeds the Minimum Insurance Requirements.

### **COVERAGE-SPECIFIC REQUIREMENTS**

#### **Commercial General Liability**

- 1) Commercial General Liability (CGL) shall be written on ISO Occurrence Form CG0001 (12/04) or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
- 2) Required minimum limits of coverage may be achieved through a combination of the aforementioned CGL coverage form and an Umbrella/Excess Liability coverage form(s), provided that the Umbrella/Excess Liability coverage form(s) provides the same or broader coverage than the prescribed CGL coverage form.
- 3) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Section below.
- 4) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the "Waiver of Subrogation" section below.
- 5) The definition of "Insured Contract" shall be modified to provide coverage for contractual liability for any contracts involving construction or demolition operations that are within 50 feet of a railroad, and sidetrack agreements. Evidence of this modification shall be provided to WMATA along with all other required documents.
- 6) Defense Costs (Allocated Loss Adjustment Expense) must be included and outside of the policy limits for all primary liability and Umbrella/Excess Liability policies.

#### **Business Auto Liability**

- 1) Business Auto Liability insurance shall be written on ISO Business Auto Coverage Form CA 00 01 03 06, or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
- 2) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Section below.

- 3) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the Waiver of Subrogation” section below.
- 4) Business Auto Liability minimum Combined Single Limit requirements may be obtained through the combination of a primary business auto liability policy and an Umbrella/Excess Liability policy provided that the Umbrella/Excess Liability policy complies with items 2 and 3 above.
- 5) MCS-90 Endorsement for work involving the transportation or disposal of any hazardous material or waste off of the jobsite. If the MCS-90 Endorsement is required, minimum auto liability limits of \$5,000,000 per occurrence are also required as is form CA 99 48, broadened coverage for pollution liability.
- 6) Non-Owned Disposal Site (NODS) Endorsement providing coverage for the Contractor’s legal liability arising out of pollution conditions at the designated non-owned disposal site.

**IV. OTHER**

**Additional Insured**

- 1) Contractor and subcontractors of every tier are required to add WMATA and WMATA Board of Directors as additional insured on all required insurance including excess liability policies, with the exception of Workers’ Compensation and Professional Liability.
- 2) Coverage provided to Additional Insured shall be primary and non-contributory to any other insurance available to the Additional Insured, including coverage afforded to the WMATA as an additional insured by subcontractors, and from other third parties.
- 3) Coverage provided to any Additional Insured shall be for claims arising out of both ongoing operations and products and completed operations hazard.
- 4) Coverage available to any Additional Insured under the products and completed operations hazard can only be limited to the applicable statute of repose in the jurisdiction(s) where the contract scope of work takes place.
- 5) Commercial General Liability and Umbrella/Excess Liability forms must provide defense coverage for additional insureds. The Additional Insured Endorsement shall provide coverage for Ongoing as well as Products and Completed Operations with no limitation on when claims can be made.

**Waiver of Subrogation**

Contractor and subcontractors of every tier are required to have all insurance policies except Professional Liability endorsed to waive the respective insurance company’s rights of recovery against WMATA, and the WMATA Board of Directors.

- 1) Waiver shall be provided on an endorsement that is acceptable to WMATA.

**Certificate of Insurance (COI)**

Contractor shall provide WMATA an ACORD Certificate of Insurance (COI) and copies of all required endorsements as evidence that the insurance requirements of this Section have been satisfied. Certificates of Insurance shall be sent to WMATA.

The Certificate Holder box should read:

Washington Metropolitan Area Transit Authority  
Office of Insurance, Room 8F  
600 Fifth Street, NW  
Washington, DC 20001

Additionally:

- 1) Proposed material modifications to required insurance, including notice of cancellation, must be received by WMATA in writing at least 30 days prior to the effective date of such change or cancellation.
- 2) WMATA's receipt of copies of any COI, policy endorsements or policies does not relieve Contractor of the obligation to remain in compliance with the requirements of this Section at all times. Contractor's failure to comply with these insurance requirements shall constitute a material breach of this Contract.

Receipt of the COI does not constitute acceptance of the insurance outlined above

**3. TITLE AND RISK OF LOSS**

- (a) Unless this Contract specifically provides for earlier passage of title to deliverables (including documents, reports, and data) or other items resulting from this Contract, title shall pass to the Authority upon acceptance, regardless of when or where the Authority takes physical possession. Risk of loss, theft, destruction of, or damage to, such deliverables or other items remains with the Contractor, until the transfer of title or at the time when the Authority takes physical possession, whichever is later.
- (b) In the event of loss or damage to any deliverable or other item of work, prior to the time when the Authority takes physical possession, the Contractor agrees to repair or replace it as soon as reasonably possible to restore the item to the same condition that pre-existed the loss or damage, in accordance with all requirements of this Contract, without cost to the Authority. Nothing contained herein shall be deemed to require the Contractor's repair or replacement of any loss or damage caused solely by the Authority's acts or omissions.

**3. TRANSIT EMPLOYEE PROTECTIVE ARRANGEMENTS – FTA N/A**

**5. VETERANS PREFERENCE – FTA N/A**

**6. INAPPLICABILITY OF CLAUSES REQUIRING UNAUTHORIZED OBLIGATIONS**

- (a) Except where the Chief Procurement Officer specifically agrees in writing, when any supply or service acquired under this Contract is subject to any End User License Agreement (EULA), Terms of Service (TOS), Master Agreement, Terms and Conditions or similar legal instrument or agreement, that includes any clause requiring WMATA to indemnify the Contractor or any person or entity for damages, costs, fees, or any other loss or liability or that would create an unauthorized obligation, the following shall govern:
  - (i) Any such clause is unenforceable against WMATA.
  - (ii) Neither WMATA nor any authorized end user shall be deemed to have agreed to such clause by virtue of it appearing in the EULA, TOS, or similar legal instrument or agreement. If the EULA, TOS, or similar legal instrument or agreement is invoked through an "I agree" click box or other comparable mechanism (e.g., "click-wrap" or "browse-wrap" agreements), execution does not bind WMATA or any WMATA authorized end user to such clause.
  - (iii) Any such clause is deemed to be stricken from the EULA, TOS, or similar legal instrument or agreement.
- (b) When any supply or service acquired under this Contract is subject to any End Use License Agreement (EULA), Terms of Service (TOS), or similar legal instrument or agreement, any clause requiring WMATA to pay pre-judgment interest, taxes to which it is exempt, or automatic fines is void and without effect.

**CHAPTER VIII – INTELLECTUAL PROPERTY RIGHTS**

**1. PATENT INDEMNITY**

The Contractor shall indemnify the Authority and its Board members, agents and employees against liability, including costs, for infringement of any United States patent (except a patent issued upon an application that is now or may hereafter be withheld from issue pursuant to a Secrecy Order under 35 U.S.C. § 181) arising out of the manufacture or delivery of supplies, the performance of services, or the construction, alteration, modification, or repair of real property under this Contract. If the Contractor is not the original equipment manufacturer (OEM) for a manufactured product purchased under this Contract, it will ensure that the patent holder provides indemnity to WMATA under this article. This indemnity shall not apply unless the Contractor is informed as soon as practicable by the Authority of the suit or action alleging such infringement, and is given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof. Such indemnity shall not apply to:

- (1) An infringement resulting from compliance with the Contracting Officer's specific written instructions directing a change in the supplies to be delivered or in the materials or equipment to be used, or directing a manner or performance of the Contract not normally used by the Contractor;
- (2) An infringement resulting from addition to, or change in, such supplies or components furnished or construction work performed that was made subsequent to delivery or performance by the Contractor; or
- (3) A claimed infringement that is unreasonably settled without the Contractor's consent, unless required by final decree of a court of competent jurisdiction.

**2. SET-OFF**

The Authority has common law, equitable and statutory rights to set-off. These rights shall include, but are not limited to, the Authority's right to set-off any monies due to the Contractor under this Contract, by any amounts due and owing to the Authority with regard to, any Contract with the Authority, plus any amounts due and owing to the Authority for any other reason including, without limitation, tax delinquencies, fee delinquencies or monetary penalties relative thereto. The Authority shall exercise its set-off rights in accordance with applicable laws and practices, including, in cases of set-off pursuant to an audit, the finalization of such audit by the Authority, its representatives, or the Federal Government.

**3. RIGHTS IN TECHNICAL DATA- LIMITED N/A**

**4. RIGHTS IN TECHNICAL DATA – UNLIMITED N/A**

**5. NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT [SUPPLIES]**

- (a) The Contractor shall report to the Contracting Officer, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on this Contract once the Contractor is notified thereof.
- (b) In the event of any claim or suit against the Authority based on any alleged patent or copyright infringement arising out of this Contract or out of the use of any supplies furnished or services performed hereunder, the Contractor shall furnish to the Contracting Officer, all evidence and information in its possession pertaining to such suit or claim. Such evidence and information shall be furnished at the Contractor's expense since the Contractor has agreed to indemnify the Authority for such infringement claims.
- (c) This article shall be included in all subcontracts.

**6. ROYALTY INFORMATION N/A**



**CHAPTER IX – ADDITIONAL COVENANTS/LEGAL REQUIREMENTS**

**1. NONDISCRIMINATION ASSURANCE- FTA**

- (a) *Nondiscrimination Assurance.* In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. §2000 (d), section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. §6102, section 202 of the American with Disabilities Act of 1990, 42 U.S.C. §12132, D.C. law and Federal transit law at 49 U.S.C. §5332, the Contractor, sub-recipient, or subcontractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, age, sexual preference, gender identity and/or disability. In addition, the Contractor, sub-recipient, or subcontractor agrees to comply with applicable Federal implementing regulations and other regulations that FTA may issue.
- (b) *Equal Employment Opportunity.* The following equal employment opportunity requirements apply to this Contract:
- (1) *Race, Color, Creed, National Origin, Sex.* In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. §2000(e), and Federal transit laws at 49 U.S.C. §5332, the Contractor agrees to comply with all applicable equal opportunity requirements of the U.S. Department of Labor (U.S. DOL) including, but not limited to "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Part 60 *et. seq.*, [implementing Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000(e) note], and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of this Contract. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, creed, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.
  - (2) *Age.* In accordance with Section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.
  - (3) *Disabilities.* In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. §12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal

Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.

- (c) The Contractor also agrees to include all of these requirements in each subcontract financed, in whole or in part, with Federal assistance provided by FTA, modified only, if necessary, to identify the affected parties.
- (d) Failure by the Contractor, sub-recipient, or subcontractor to carry out these requirements is a material breach of this Contract, that may result in the termination or such other remedy as the Authority deems appropriate.

**2. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT- OVERTIME COMPENSATION**

This Contract, to the extent that it is of a character specified in the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-333), is subject to the following provisions and to all other applicable provisions and exceptions of such Act and the regulations of the U.S. Secretary of Labor thereunder.

- (a) *Overtime requirements.* No Contractor or subcontractor contracting for any part of the Contract work that may involve the employment of laborers, mechanics, apprentices, trainees, watchmen, and guards shall require or permit any such employee in any workweek in which he or she is employed to work in excess of forty (40) hours in such work week on work subject to the provisions of the Contract Work Hours and Safety Standards Act unless such employee receives compensation at a rate not less than one and one-half (1 ½) times his or her basic rate of pay for all hours worked in excess of forty (40) hours in such work week.
- (b) *Violation.* Liability for Unpaid Wages - Liquidated damages. In the event of any violation of paragraph (a) the Contractor and any subcontractor responsible therefore shall be liable to any affected employee for his or her unpaid wages. In addition, such Contractor and subcontractor shall be liable to the Authority for liquidated damages. Liquidated damages shall be computed with respect to each individual laborer, mechanic, apprentice, trainee, watchman or guard employed in violation of paragraph (a) in the sum of \$10 for each calendar day on which such employee was required or permitted to be employed on such work in excess of his or her standard work week of forty (40) hours without payment of the overtime wages required by paragraph (a).
- (c) *Withholding for unpaid wages and liquidated damages.* The Contracting Officer may withhold from the Contractor, such sums as he or she determines to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in paragraph (b).
- (d) *Subcontracts.* The Contractor shall insert this article in all subcontracts at any tier. Contractor shall also require subcontractors to include this clause in any lower tier subcontracts. The Contractor shall be responsible for compliance by any and all subcontractors at every tier.

- (e) *Records.* The Contractor shall maintain payroll records containing the information specified in 29 C.F.R. § 516.2(a). Such records shall be preserved for three (3) years from the completion of this Contract.

**3. WALSH-HEALEY PUBLIC CONTRACTS ACT N/A**

**4. DAVIS-BACON ACT- FTA N/A**

**5. COPELAND ANTI-KICKBACK ACT – FTA N/A**

**6. CONVICT LABOR**

- (a) Except as provided in paragraph (b), the Contractor shall not employ in the performance of this Contract any person undergoing a sentence of imprisonment imposed by any court of the Federal Government, a State, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam or the U.S. Virgin Islands.
- (b) The Contractor is not prohibited from employing persons:
  - (1) On parole or probation to work at paid employment during the term of their sentence;
  - (2) Who have been pardoned or who have served their terms; or
  - (3) Confined for violation of the laws of the Federal Government, the states, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, or the U.S. Virgin Islands who are authorized to work at paid employment in the community under the laws of such jurisdiction, if—
    - (a) The worker is paid or is in an approved work or training program on a voluntary basis;
    - (b) Representatives of the local union’s central bodies or similar labor union organizations have been consulted;
    - (c) Such paid employment will not result in the displacement of employed workers, or be applied in skills, crafts, or trades where there is a surplus of available gainful labor in the locality, or impair existing contracts or services;
    - (d) The rates of pay and other conditions of employment will not be less than those paid or provided for work of a similar nature in the locality where the work is being performed; and
    - (e) The Attorney General of the United States has certified that the work-release laws or regulations of the jurisdiction involved are in conformity with the requirements of Executive Order 11755, as amended by Executive Orders 12608 and 12943.

**7. COVENANT AGAINST CONTINGENT FEES**

- (a) The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon an agreement for a commission, percentage, brokerage or contingent fee, excepting bona fide employees or bona fide, established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach of this warranty, the Authority shall have the right to terminate this Contract without liability or, in its discretion, to deduct from the Contract price, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee, if no fraud is suspected.
- (b) If fraud is suspected, the Authority's only remedy prior to final adjudication by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

**8. SEAT BELT USE POLICY**

The Contractor agrees to comply with terms of Executive Order No. 13043 "Increasing Seat Belt Use in the United States" and is encouraged to include these requirements in each subcontract awarded for work relating to this Contract.

**9. SENSITIVE SECURITY INFORMATION N/A**

**10. LAWS AND REGULATIONS**

The Contractor shall be responsible to comply with any applicable State of Maryland, Commonwealth of Virginia, District of Columbia, Federal and local laws and regulations governing the services and/or supplies to be provided under this Contract. Further, the Contractor shall be responsible to obtain, at its own cost and expense, any and all licenses/permits required to transact business in any political jurisdictions where work will be performed.

**11. HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA N/A**

**12. LIVING WAGE N/A**

**13. METRIC SYSTEM**

To the extent the Federal Government directs, the Contractor agrees to use the metric system of measurement in its Contract activities, in accordance with the Metric Conversion Act, as amended by the Omnibus Trade and Competitiveness Act, 15 U.S.C. § 205 (a) *et. seq.*; Executive Order No. 12770, "Metric Usage in Federal Government Programs," 15 U.S.C. § 205(a) note; and applicable U.S. DOT or FTA regulations in accordance with applicable Federal directives. As practicable and feasible, the Contractor agrees to supply

products and services with dimensions expressed in the metric system of measurement. Metric usage shall not be required to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms.

**14. MANDATORY DISCLOSURE**

The Contractor shall timely disclose, in writing, to WMATA's Office of the Inspector General (OIG), with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of this Contract or any subcontract hereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed—

- (a) A violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 of the United States Code; or
- (b) A violation of the civil False Claims Act (31 U.S.C. §§ 3729-3733).
  - (1) WMATA, to the extent permitted by law and regulation, will safeguard and treat information obtained pursuant to the Contractor's disclosure as confidential where the information has been marked "confidential" or "proprietary" by the company. To the extent permitted by the law and regulation, such information will not be released by WMATA to the public pursuant to a Public Access to Records (PARP) request. WMATA may transfer documents provided by the Contractor to any department or agency within the state, Federal or local government, if the information relates to matters within the organization's jurisdiction.
  - (2) If the violation relates to an order against a government-wide acquisition contract, a multi-agency contract, a multiple-award schedule contract such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the Contractor shall notify the OIG of the ordering agency and the OIG of the agency responsible for the basic contract.

**15. WHISTLEBLOWER PROTECTION – FEDERAL**

- (a) The Contractor and its subcontractors shall encourage their employees and independent contractors to report information without fear of actual or threatened discrimination, retaliation or reprisal that they in good faith reasonably believe is evidence of gross mismanagement; gross misuse or waste of public resources or funds; fraud; violation of law; abuse of authority in connection with the conduct of WMATA operations or contracts; or a substantial and specific danger to health, security or safety. The Contractor and its subcontractors shall notify their employees that they may make reports under this paragraph to:
  - (1) WMATA's Office of Inspector General (OIG), in person, in writing, through the OIG Hotline (888-234-2374) or email [wmata-oig-hotline@verizon.net](mailto:wmata-oig-hotline@verizon.net) or by any other reasonable means;

- (2) WMATA's Metro Transit Police Department (MTPD), in person, by telephone (202-962-2121) or by any other reasonable means, or to the OIG, if the information constitutes a potential violation of criminal law;
  - (3) WMATA's Chief Safety Officer, in person, in writing, through the SAFE Hotline (202-249-7233) or email [safety@wmata.com](mailto:safety@wmata.com), or by any other reasonable means; or
  - (4) Any other official, office or agency within WMATA or outside WMATA that the employee or independent contractor reasonably believes has the authority to act on the matter.
- (b) The Contractor, its employees, independent contractors and subcontractors shall cooperate with any inquiry or review by an authorized official of WMATA, or by the Federal government or any other governmental entity with jurisdiction over WMATA, regarding a matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, and with any enforcement or judicial proceeding arising from such inquiry or review.
- (c) The Contractor and its subcontractors shall not interfere with or deny the right of any employee or independent contractor of either the Contractor or any of its subcontractors to make a report under paragraph (a). The Contractor and its subcontractors shall not recommend, take or threaten to take any action having a negative or adverse impact on any employee or independent contractor of either the Contractor or any of its subcontractors because he or she:
- (1) Made or is perceived to have made a report under paragraph (a);
  - (2) Sought a remedy under applicable law after making a report under paragraph
  - (3) Participated in or cooperated with an inquiry or review by an authorized official of WMATA, or by the Federal government or any other governmental entity with jurisdiction over WMATA, regarding a matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, or with an enforcement or judicial proceeding arising from such inquiry or review;
  - (4) Refused to obey an order that would violate law; or
  - (5) Refused to work or authorize work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there was no reasonable alternative to refusal, there was not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, notified the Contractor or subcontractor of the condition and of his or her intent not to perform or authorize work.
- (d) The Contractor shall include, or shall cause to be included, the substance of this article, including this paragraph (d), in its subcontracts at all tiers.
- (e) The Contractor and its subcontractors shall comply with the National Transit Systems Security Act (NTSSA) 6 U.S.C. §1142, which prohibits discharging, demoting,

suspending, reprimanding or in any other way discriminating against an employee as a reprisal for the employee lawfully and in good faith:

- (1) Reporting a hazardous safety or security condition;
  - (2) Refusing to work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of his or her intent to not perform work;
  - (3) Refusing to authorize the use of any safety or security related equipment, track or structures, if the individual is responsible for their inspection or repair and reasonably believes they are in a hazardous safety or security condition, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of his or her intent not to authorize use of hazardous equipment or infrastructure unless corrected;
  - (4) Providing information for or directly assisting in an investigation of conduct that the individual reasonably believes to be in violation of Federal law regarding safety, security or fraud, waste or abuse of funds intended for safety or security;
  - (5) Refusing to violate or assist in violation of Federal public transportation safety or security law;
  - (6) Cooperating with a safety or security investigation by the U.S. Secretary of Transportation, U.S. Secretary of Homeland Security or the National Transportation Safety Board;
  - (7) Furnishing information to law enforcement agencies relating to an accident or incident resulting in damage to property, injury or death; or
  - (8) Filing a complaint under the NTSSA (6 U.S.C. §1142), or testifying regarding such complaint.
- (f) The Contractor shall notify the Authority of any instance, related to this Contract, of a report under subparagraph (e)(1) or refusal under subparagraphs (e)(2), (3) or (5).
- (g) The enforcement, filing and investigation of complaints, and remedies under this clause shall be governed by the NTSSA (6 U.S.C. §1142), applicable Federal regulations and Federal law.
- (h) This article shall be interpreted in accordance with the NTSSA (6 U.S.C. §1142). If any provision is found to be in conflict with the NTSSA, the NTSSA shall govern.
- (h) The Contractor shall include, or shall cause to be included, this article, including this paragraph, in its subcontracts at all tiers.

**16. WORKPLACE VIOLENCE/ZERO TOLERANCE**

Pursuant to Metro Policy/Instruction 7.8.3, all Metro Contractors must: (1) establish zero tolerance for acts of workplace violence for their employees and those of subcontractors at any tier, and (2) not retaliate against any of their employees or independent contractors for cooperating with investigations.

**17. DRUG AND ALCOHOL TESTING (FOR SAFETY SENSITIVE FUNCTIONS ONLY) – FTA**

- (a) Contractors who perform safety sensitive functions shall be subject to compliance with a drug and alcohol testing program according to Federal guidelines published in FTA regulations. The Contractor agrees to establish and implement a drug and alcohol testing program that complies with 49 C.F.R. Parts 40 and 655, produce any documentation necessary to establish its compliance with these regulations, and permit any authorized representative of the U.S. Department of Transportation or its operating administrations, applicable state oversight agency, or the Authority to inspect the facilities and records associated with the implementation of the drug and alcohol testing program as required under 49 C.F.R. Part 655 and review the testing process. The Contractor further agrees as follows:
- (b) To certify its compliance with 49 C.F.R. Parts 40 and 655 and to submit a Management Information System (MIS) report, as required by Federal regulations, to WMATA's Medical Compliance Monitor (MCM) and the Contracting Officer before February 15th of each year. To certify compliance, the Contractor shall use the "Alcohol and Controlled Substances Testing" certification contained in the "Annual List of Certifications and Assurances for Federal Transit Administration Grants and Cooperative Agreements," that is published annually in the Federal Register.
- (c) To submit to the MCM and the Contracting Officer before February 15th of each year, a copy of the policy statement developed to implement its drug and alcohol testing program.
- (d) To provide to the MCM and the Contracting Officer before February 15th of each year the following:
  - (1) Employee and supervisor training documentation;
  - (2) The name and location of the collection site(s), laboratory(ies), Medical Review Officer(s), Breath Alcohol Technician(s), Collector(s), and Substance Abuse Professional(s); and a description of their random selection drug and alcohol testing process.
- (e) The Contractor further agrees to submit quarterly management reports summarizing test results to the MCM and the Contracting Officer by the 15th of the month following the end of each quarter.
- (f) Contractors are required to flow this clause down to all of their safety sensitive subcontractors and agents.



**18. EMPLOYMENT RESTRICTION WARRANTY**

- (a) The Contractor warrants that it will not offer employment to, solicit or discuss prospective employment with, or otherwise engage in substantive employment related discussions or communications with, any present or former Board member of the Authority who has been involved, directly or indirectly, in any matter of financial interest to the Contractor until at least two (2) years after the Board member has ceased involvement in the matter. The post-employment restriction on former Authority employees is one (1) year from the date of their last employment with WMATA. The Contractor shall not knowingly engage in communications of the nature described above with any immediate family member or member of the household of any Authority employee or Board member during the period when such employee or Board member is involved in any matter of financial interest to the Contractor.
- (b) If a former Board member or employee of the Authority is eventually hired, the Contractor shall ensure that the former Board member or employee is not involved in negotiating or otherwise dealing with the Authority on any particular matter over which he or she had responsibility during his or her tenure.
- (c) Should the Contractor fail to comply with the provisions hereof, and no fraud is suspected, the Contracting Officer shall have the right to withhold payment under this Contract in an amount not to exceed two percent (2%) of the total Contract amount as liquidated damages to the Authority, such withholding to be in addition to any other withholding or retainage under this Contract. Any dispute shall be settled in accordance with the "Disputes" clause of this Contract.
- (d) If fraud is suspected, the Authority's only remedy prior to a final decision by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

**19. GRATUITIES**

- (a) In connection with performance of this Contract, or any changes or modifications relative thereto, the giving of or offering to give gratuities (in the form of entertainment, gifts or otherwise) by the Contractor, or any agent, representative or other person deemed to be acting on behalf of the Contractor, or any supplier or subcontractor furnishing material to or performing work under this Contractor, to any Board member, employee or agent of the Authority; with a view toward securing this Contract or securing favorable treatment regarding this Contract is expressly forbidden. The terms of this "Gratuities" clause shall be strictly construed and enforced in the event of violations hereof.
- (b) Reported instances of the giving or offering to give gratuities within the context of this "Gratuities" article will be investigated by the Authority's Board of Directors or its duly authorized representative. A preliminary investigation will be made to determine whether there is probable cause to suspect that a violation of this article exists. If such probable cause exists, the Board of Directors, or its duly authorized representative, shall formally notify WMATA's Office of Inspector General (OIG), the

U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

- (c) The rights and remedies of the Authority provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided under this Contract, at law or in equity.

**20. OFFICIALS NOT TO BENEFIT**

- (a) No member of or delegate to the U.S. Congress, resident commissioner or member of a state or local public body shall be admitted to any share or part of this Contract, or to any benefit that may arise therefrom during his or her tenure or for two (2) years thereafter, unless his or her interest in the business entity that is awarded this Contract is placed in a blind trust in accordance with the rules and regulations of the U.S. Office of Government Ethics (OGE).
- (b) Enforcement of this clause shall be consistent with 18 U.S.C. § 431.

**21. ORGANIZATIONAL CONFLICTS OF INTEREST**

- (a) An organizational conflict of interest (OCI) exists when the nature of the work to be performed under a proposed contract or a subcontract may, without some restriction on future activities result in an unfair competitive advantage to the Contractor or subcontractor; because of (1) unequal access to information, (2) biased ground rules or (3) impaired objectivity. An unequal access to information OCI may exist if in performing a Contract, a Contractor obtains access to non-public information that provides it with a competitive advantage in a later competition. A biased ground rules OCI may exist if the Contractor has a role in setting rules for a source selection in which it will compete. An impaired objectivity OCI may exist if, in performing a Contract, a Contractor is called upon to evaluate an offer from or performance by, itself or an affiliated entity.
- (b) In the event that the Contractor believes that it or any of its potential subcontractors may have an OCI, it shall notify the Contracting Officer, in writing, within five (5) working days after it becomes aware of the potential or actual OCI. The written notification shall identify the nature and circumstances of the perceived conflict and propose appropriate measures to eliminate or mitigate the OCI. The Contracting Officer will review the circumstances and the proposed mitigation plan and notify the Contractor stating whether: (1) no mitigation is required; (2) the conflict cannot be mitigated; or (3) the conflict can be mitigated and he or she accepts the proposed measures, or recommends additional measures.
- (c) The Contractor's failure to identify such perceived conflicts may result in the Contract being rescinded or terminated.
- (d) Should the Contractor identify or become aware of a conflict during the term of this Contract, including any extension thereof that it could not reasonably anticipate prior to award, it shall notify the Contracting Officer in accordance with paragraph (b), or

request an exception to the restriction with supporting rationale. The Contracting Officer shall consider the Contractor's proposed measures to mitigate or eliminate the conflict, or the request for an exception.

- (e) If the proposed measures are not determined to be feasible or are otherwise not acceptable to the Contracting Officer, he or she may terminate this Contract. If the Contracting Officer does not grant a request for an exception, and this Contract is not terminated, the Contractor shall be notified in writing and be given ten (10) days from the date of the written notification to take all necessary actions to comply with this clause.
- (f) If the proposed measures are determined to be acceptable to the Contracting Officer, he or she may grant a specific exception to this restriction, when in the Contracting Officer's judgment, the exception will not create a conflict between the Contractor's duties and obligations under this Contract and the duties and obligations imposed on the Contractor under another contractual or other relationship.
- (g) If the Contractor fails to comply with the terms of this article, and no fraud is suspected, the Contracting Officer, may withhold payments due under this Contract until such time as the Contractor is in compliance or, should the noncompliance remain uncorrected at the expiration of ten (10) days from the Contracting Officer's written notice as provided in paragraph (b), terminate the contract for default pursuant to this Contract.
- (h) If fraud is suspected, the Authority's only remedy prior to a final determination by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.
- (i) The Contractor, in performing this Contract, shall avoid any conduct that might result in or give the appearance of creating for Board members or employees of the Authority in their relationship with the Contractor, any conflicts of interest or favoritism and/or the appearance thereof and shall avoid any conduct that might result in a Board member, or employee failing to adhere to any Code of Ethics or standards of conduct adopted by the Authority's Board of Directors.
- (j) The Contracting Officer's determination under this article shall be final and shall be considered a question of fact within the meaning of the "Disputes" article of this Contract.

**22. CONTRACTOR PERSONNEL**

- (a) The Authority may direct the replacement of the Contractor's employees reasonably deemed to be unsuitable by the Contracting Officer, or whose continued participation in the work is deemed contrary to the best interests of the Authority. Except in circumstances deemed exigent by the Contracting Officer, the reason for replacement will be discussed between the Contractor and the Authority before a replacement directive is issued. Upon receipt of a written replacement directive from the Authority specifying the date by which the replacement must occur, the

Contractor shall proceed with the replacement and shall do so in a manner that minimizes, to the greatest extent practicable, any impact upon the Contract.

- (b) Contractor personnel required to work on WMATA's property must obtain a WMATA vendors' badge and successfully complete the mandatory safety training that must be renewed yearly. The Contractor must advise its affected personnel that, to obtain a vendor's badge, a signed waiver to perform a background check is required.

**23. FALSE STATEMENTS, CLAIMS OR SUBMISSIONS**

- (a) The Contractor acknowledges its responsibility to undertake its obligations under this publicly funded Contract with full integrity and, to take all reasonable steps to ensure that statements, claims and submissions made pursuant to this Contract are provided in good faith and with a reasonable belief as to their truthfulness, accuracy and completeness.
- (b) In the event that it is finally determined by a court of competent jurisdiction that any statement, claim, submission, or certification made by or on behalf of the Contractor pursuant to a material element of the Contract was knowingly false, fictitious or fraudulent, the Authority shall be entitled to recover from the Contractor, an amount equal to not more than three (3) times the monetary value of the benefit derived or sought to be derived by the Contractor through its false statement, claim or submission. For purposes hereof, an element of the Contract shall be deemed material if it impacted or could reasonably have been intended to impact the disposition of any claim, dispute, proposed or implemented change order, proposed pricing or schedule adjustment of any nature, or other substantive issue directly affecting the rights of the parties under the Contract.
- (c) The Authority's only remedy prior to a final determination by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.
- (d) The Authority's rights set forth in this article are in addition to any contractual, legal or equitable rights that may arise upon the Contractor's submission of a false claim or statement, including without limitation, the Authority's right to terminate the Contract for default once fraud is finally determined by a court of competent jurisdiction. The provisions of this clause shall not serve in any respect to limit, waive or modify any civil or criminal liability, of the Contractor or any of its officers, agents or employees that such conduct may precipitate.

**CHAPTER X – MISCELLANEOUS ADDITIONAL PROVISIONS**

**1. FEDERAL, STATE, AND LOCAL TAXES**

- (a) Except as may be otherwise provided in this Contract, the Contract price shall be deemed to include all applicable Federal, state and local taxes and duties.
- (b) If a statute, court decision, written ruling or regulation regarding any Federal excise tax or duty on the transactions or property covered by this Contract takes effect after the Contract date, and:
- (c) Results in the Contractor being required to pay or bear the burden of any such Federal excise tax or duty or rate increase that would not otherwise have been payable on such transactions or property, the Contract price shall be increased by the amount of such tax or duty or rate increase, if the Contractor warrants in writing that no amount for such newly imposed Federal obligation was included in the Contract price as a contingency reserve or otherwise; or
- (d) Results in the Contractor not being required to pay or bear the burden of, or in its obtaining a refund or drawback of, any Federal excise tax or duty that would otherwise have been payable on such transactions or property or that was the basis of an increase in the Contract price, the Contract price shall be decreased by the amount of the relief, refund, or drawback, or that amount shall be paid to the Authority, as the Contracting Officer directs. If the Contractor fails to follow the Contracting Officer's instructions, it will be required to pay or bear the burden of, any such Federal excise tax or duty through a decrease in the Contract price.
- (e) Paragraph (b) above shall not be applicable to social security taxes or to any other employment tax.
- (f) No adjustment of less than \$250 shall be made in the Contract price pursuant to paragraph (b).
- (g) As used in paragraph (b), the term "Contract date" means the date the Contract was executed by the Authority. As to additional services, supplies or construction procured by modification to this Contract, the term "Contract date" means the effective date of such modification.
- (h) The Contractor shall promptly notify the Contracting Officer of matters that may result in either an increase or decrease in the Contract price under this clause and shall take action as the Contracting Officer directs. The Authority shall be entitled to a reduction in the Contract price reflecting such amount and a refund of monies paid related to such taxes, plus applicable interest.

**2. PUBLIC COMMUNICATION**

The Contractor shall not issue communications to the media, place advertisements, nor publicize through any means the services, goods or construction that it is providing to WMATA under this Contract, without prior written consent of the Contracting Officer. The

Contractor shall not publish, in print or online, any communications products such as newsletters, press releases, blogs or other communications without the Contracting Officer's prior, written consent. Approval of any such requests shall be at the Contracting Officer's sole discretion.

**3. CHOICE OF LAW, CONSENT TO JURISDICTION AND VENUE**

- (a) This Contract shall be deemed to be executed in the District of Columbia, regardless of the domicile of the Contractor and shall be governed by and construed in accordance with the laws of the District of Columbia except to the extent, if any, superseded by Federal law.
- (b) The parties agree that any and all claims asserted by or against the Authority arising hereunder or related hereto shall be heard and determined either in the courts of the United States located in the District of Columbia, the State of Maryland or the Commonwealth of Virginia or in the courts of the District of Columbia, State of Maryland or Commonwealth of Virginia that maintain jurisdiction over such claims and where venue properly resides.

**4. SEVERABILITY**

If the Contract contains any unlawful provisions, the same shall be deemed of no effect, and shall upon the application of either party be stricken from the Contract without affecting the binding force of the Contract as it shall remain after omitting such provision.

**5. SURVIVAL**

Any provision expressly set forth as surviving the expiration or termination of this Contract, shall be deemed to survive any such expiration or termination.

**CHAPTER XI – ADDITIONAL FEDERAL PROVISIONS**

**1. NOTIFICATION OF FEDERAL PARTICIPATION- FTA**

This project is being funded in whole or part with Federal funds.

**2. ALL NECESSARY FEDERAL PROVISIONS DEEMED INCLUDED- FTA**

It is the intent of the parties that each and every provision of law required to be inserted in this Contract should be and is hereby inserted herein.

**3. ACCESS TO THIRD PARTY CONTRACT RECORDS- FTA**

(a) The Contractor agrees to provide the Authority, the FTA Administrator, the U.S. Comptroller General or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this Contract for the purposes of making audits, examinations, excerpts and transcriptions. The Contractor also agrees, pursuant to 49 C.F.R. §633.17 to provide FTA Administrator or his or her authorized representatives including any Project Management Oversight (PMO) Contractor access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 U. S. C. § 5302(a)(1), which is receiving Federal financial assistance through the programs described at 49 U. S. C. §§ 5307, 5309 or 5311.

(b) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

(c) The Contractor agrees to maintain all books, records, accounts and reports required under this Contract for a period of not less than three (3) years after the date of termination or expiration of this Contract. In the event of litigation or settlement of claims arising from the performance of this Contract, the Contractor agrees to maintain such records until the Authority, the FTA Administrator, the U.S. Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. [See 49 C.F.R. § 18.39(i)(11)].

**4. AMERICANS WITH DISABILITIES ACT ACCESSIBILITY – FTA**

(a) The Contractor agrees that it will operate public transportation services in compliance with 42 U.S.C. § 12101 *et seq.*; DOT regulations, "Transportation Services for Individuals with Disabilities (ADA)" using facilities and equipment that comply with 49 C.F.R. Part 37; and Joint ATBCB/DOT regulations, "Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles," 36 C.F.R. Part 1192 and 49 C.F.R. Part 38. Private entities must comply with the requirements of 49 C.F.R. Part 37 applicable to public entities with which they contract to provide public transportation services.

(b) Facilities to be used in public transportation service must comply with 42 U.S.C. § 12101 *et seq.*; DOT regulations, "Transportation Services for Individuals with Disabilities (ADA)," 49 C.F.R. Part 37; and Joint ATBCB/DOT regulations,

“Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles,” 36 C.F.R. Part 1192 and 49 C.F.R. Part 38.

**5. RIGHTS IN DATA AND COPYRIGHTS — FTA N/A**

**6. PATENT RIGHTS – FTA N/A**

**7. BUY AMERICA ACT- FTA**

- (a) The Buy America Act requirements apply to the following types of contracts: construction contracts, the acquisition of goods or rolling stock valued at more than \$150,000.00<sup>3</sup>
- (b) The Contractor agrees to comply with 49 U.S.C. § 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7, and include final assembly in the United States for fifteen (15) passenger vans and fifteen (15) passenger wagons produced by the Chrysler Corporation, and microcomputer equipment and software. Separate requirements for rolling stock are set out at 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11. Rolling stock must be assembled in the United States and have a sixty-five percent (65%) domestic content.
- (c) Contractor is responsible for flowing down these requirements to subcontractors at every tier. The dollar threshold only applies to the prime contract. All subcontracts thereunder are subject to the Buy America Act requirements.
- (b) An offeror must submit to WMATA the appropriate Buy America Act certification with all offers on FTA funded contracts, except those subject to a general waiver. Offers that are not accompanied by the appropriate Buy America Act certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors.

**8. PRE-AWARD AND POST DELIVERY AUDIT REQUIREMENTS – FTA**

The Contractor agrees to comply with 49 U.S.C. § 5323(l) and FTA's implementing regulations at 49 C.F.R. Part 663 and to submit the following certifications:

- (a) *Buy America Act Requirements.* The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with the Buy America Act. If the offeror certifies compliance with the Buy America Act, it shall submit documentation that lists 1) component and subcomponent parts of the rolling stock to be purchased identified by manufactures of the parts, their country of origin and cost; and 2) the location of the final assembly point for the rolling stock, including a description of the activities that will take place at the final assembly point and the cost of final assembly.

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<sup>3</sup> If the federal grant that funds this procurement was issued prior to 12/2014, then this amount is \$150,000.00.



- (b) *Solicitation Specification Requirements.* The Contractor shall submit evidence that it will be capable of meeting the proposed specifications.
- (c) *Federal Motor Vehicle Safety Standards (FMVSS).* The Contractor shall submit 1) manufactures's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufactures's certified statement that the contracted vehicles will not be subject to FMVSS regulations.

**9. CHARTER BUS REQUIREMENTS- FTA N/A**

**10. SCHOOL BUS REQUIREMENTS- FTA N/A**

**11. BUS TESTING- FTA N/A**

**12. CARGO PREFERENCE- FTA N/A**

**13. CLEAN AIR ACT- FTA**

- (a) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401-7671. The Contractor agrees to report each violation to the Authority and understands and agrees that the Authority will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office.
- (b) The Contractor will comply with U.S. EPA Regulations "Control of Air Pollution from Mobile Sources," 40 C.F.R. Part 85; "Control of Emissions from New and In-Use Highway Vehicles and Engines," 40 C.F.R. Part 86; "Fuel Economy and Greenhouse Gas Exhaust Emissions of Motor Vehicles," 40 C.F.R. Part 600, as well as any applicable State Implementation Plans (SIP), and EPA regulations "Conformity to State or Federal Implementation Plans of Transportation Plans, Programs and Projects Developed, Funded or Approved Under Title 23 U.S.C. or Federal Transit Laws" 40 C.F.R. Part 93, along with other applicable Federal regulations.
- (c) Flow-down requirement. The Contractor also agrees to include this article in each subcontract exceeding \$150,000 financed, in whole or in part, with Federal assistance provided by FTA.

**14. CLEAN WATER ACT- FTA N/A**

**15. RECOVERED MATERIALS/ RECYCLED PRODUCTS- FTA**

- (a) The Contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. § 6962),

including but not limited to the regulatory provisions of 40 C.F.R. Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

- (b) Flow-down requirement. The Contractor also agrees to include these requirements in each subcontract financed, in whole or in part, with Federal assistance provided by FTA.

**16. RETAINAGE**

*No Retainage.* No provision of this Contract shall serve to deny Contractor's entitlement to full payment for properly performed work or suitably stored materials. No amounts shall be withheld from any payment request submitted by Contractor based on percentage of the work performed during the period of performance and no amounts shall be assigned to the line items, other than as assigned by Contractor in its payment requests.

**17. ENERGY CONSERVATION- FTA N/A**

**18. CHANGES TO FEDERAL REQUIREMENTS- FTA**

- (a) Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Agreement (Form FTA MA (22) dated October 1, 2015) between the Authority and FTA, as they may be amended or promulgated during the term of this Contract. Contractor's failure to so comply shall constitute a material breach of this Contract.
- (b) Flow-down requirement. The Contractor agrees to include this Article in each subcontract financed in whole or in part with Federal Assistance provided by FTA. It is further agreed that the Article shall not be modified, except to identify the subcontractor who will be subject to its provisions.

**19. FLY AMERICA REQUIREMENTS- FTA**

- (a) The Contractor agrees to comply with 49 U. S. C. § 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 C.F.R. § 301-10, which provide that recipients and sub-recipients of Federal funds and their contractors are required to use U. S. Flag carriers for U. S. Government financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. If a foreign air carrier was used, the Contractor shall submit an appropriate certification or memorandum adequately explaining why service by a U. S. flag carrier was not available or why it was necessary to use a foreign air carrier and shall provide a certificate of compliance with the Fly America requirements.
- (b) Flow-down requirement. The Contractor agrees to include the requirements of this article in all subcontracts that may involve international air transportation.

**20. PAYMENT DEDUCTIONS - NONCOMPLIANCE WITH DBE REQUIREMENTS- FTA**

- (a) For Federally funded contracts that exceed \$150,000 and to which the Disadvantage Business Enterprise (DBE) Requirements (Appendix B) apply, the failure to perform in accordance with requirements of Appendix B may result in a partial or full suspension of payment, including progress payments, if applicable.
- (b) If the Contractor is found to be in noncompliance with the DBE requirements of Appendix B, the progress of the work shall also be deemed to be unsatisfactory, and an amount equal to the DBE participation in the Contract shall be retained from payment (or progress payments, if any) made to the Contractor.
- (c) If the contract value is over \$150,000, the prime contractor will be responsible for submitting a monthly report of the status of its DBE subcontractors as outlined in Appendix B to the Contracting Officer.
- (d) If the Contractor fails to submit the required monthly DBE reports, the Contracting Officer may suspend payment (or progress payments) until such time as the monthly reports are submitted and accepted by the Authority.

**21. GOVERNMENT-WIDE DEBARMENT OR SUSPENSION- FTA**

- (a) The Contractor is bound by its certification contained in its offer to the Authority that neither the Contractor its principals, or affiliates, are excluded or disqualified, from Federal contracting. The certification is a material representation of fact, relied upon by the Authority in entering into this Contract. If it is later determined that the Contractor knowingly rendered an erroneous certification, in addition to remedies available to the Authority, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The Contractor agrees to comply with the requirements of 2 C.F.R, part 180, subpart C as adopted and supplemented by U.S. DOT regulations at 2 C.F.R, part 1200 "Nonprocurement Suspension and Debarment," including any amendments thereto, Executive Orders Nos. 12549 and 12689 "Debarment and Suspension" 31 U.S.C. § 6101 note, and other applicable Federal laws, regulations or guidance regarding participation with debarred or suspended contractors throughout the term of this Contract.
- (b) Flow-down requirement. The Contractor agrees to include this article in all subcontracts at all tiers under this Contract requiring lower tier contractors to comply with Federal suspension and debarment requirements, and review the System for Award Management (SAM) at [www.sam.gov](http://www.sam.gov) in order to comply with U.S. DOT regulations at 2 C.F.R, Part 1200 prior to awarding any subcontract under this Contract.

**22. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS**

- (a) The preceding provisions include, in part, certain standard terms and conditions required by the U.S. Department of Transportation (DOT), whether or not expressly set forth in other Contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F and FTA Master Agreement (23) October 1, 2016 or any revision thereto, are hereby incorporated by reference. Anything to the

contrary herein notwithstanding, all DOT or FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Contract. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any of the Authority's requests that would cause the Authority to be in violation of the FTA terms and conditions.

- (b) Flow-down requirement. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to the provisions.

**23. NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES- FTA**

- (a) The Authority and the Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of this Contract, absent the express written consent by the Federal Government, it is not a party to this Contract and shall not be subject to any obligations or liabilities to the Authority, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from this Contract.
- (b) Flow-down requirement. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

**24. FALSE STATEMENTS OR CLAIMS CIVIL AND CRIMINAL FRAUD- FTA**

- (a) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U. S. C. § 3801 *e.t seq.* and U. S. DOT Regulations, "Program Fraud Civil Remedies," 49 C.F. R. Part 31, apply to its actions pertaining to this Contract. Upon execution of this Contract, the Contractor certifies and affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to this Contract or FTA assisted project for which this Contract is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent that it deems appropriate.
- (b) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U. S. C. 5307, the Government reserves the right to impose the penalties of 18 U. S. C. 1001 and 49 U. S. C 5307 (n)(1) on the Contractor, to the extent the Federal Government deems appropriate.
- (c) Flow-down requirement. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It

is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to the provisions.

**25. LOBBYING- FTA**

- (a) The Contractor agrees that it will not use Federal funds to influence any officer or employee of a Federal agency, member of Congress or an employee of a member of Congress or an officer or employee of Congress on matters that involve this Contract or the underlying grant or agreement, including any award, extension or modification.
- (b) Contractor agrees that it will comply with 31 U.S.C. § 1352, as amended, U.S. DOT regulations "New Restrictions on Lobbying" 49 C.F.R, Part 20, to the extent consistent with 31 U.S.C. § 1352, as amended and other applicable Federal laws, regulations and guidance prohibiting the use of Federal funds for any activity concerning legislation or appropriations designed to influence the U.S. Congress or a state legislature unless an exception exists in current Federal law.
- (c) Flow-down requirement. The Contractor agrees to include these requirements in all subcontracts at all tiers under this Contract.

**26. NATIONAL INTELLIGENT TRANSPORTATION SYSTEMS ARCHITECTURE AND STANDARDS-FTA**

The Contractor agrees to:

- (a) Conform to the National Intelligent Transportation Systems (ITS) Architecture requirements of 23 U.S.C. § 517(d), as amended by MAP-21, unless it obtains an exemption from those requirements;
- (b) Follow:
  - (1) FTA Notice, "PTA National ITS Architecture Policy on Transit Projects," 66 Fed. Reg. 1455, January 8, 2001, and
  - (2) All other applicable Federal guidance, and
- (c) Flow this provision down to all applicable subcontracts.

**27. CONTRACTS INVOLVING FEDERAL PRIVACY ACT REQUIREMENTS- FTA**

The following requirements apply to the Contractor and its employees that administer any system of records on behalf of the Federal Government under any contract:

- (a) The Contractor agrees to comply with, and assures the compliance of its employees with, the information restrictions and other applicable requirements of the Privacy Act of 1974, 5 U.S.C. § 552 (a). Among other things, the Contractor agrees to obtain the express consent of the Federal Government before the Contractor or its employees operate a system of records on behalf of the Federal Government. The Contractor understands that the requirements of the Privacy Act, including the civil and criminal penalties for violation of that Act, apply to those individuals involved, and that failure

to comply with the terms of the Privacy Act may result in termination of the underlying contract.

- (b) The Contractor also agrees to include these requirements in each subcontract involving the administration of any system of records on behalf of the Federal government financed, in whole or in part, with Federal assistance provided by FTA.

- 28. **PROGRESS PAYMENTS** N/A
- 29. **BONDING FOR CONSTRUCTION PROJECTS EXCEEDING \$150,000 – FTA** N/A
- 30. **BONDING REQUIREMENTS – GENERAL** N/A
- 31. **SEISMIC SAFETY – FTA** N/A

**CHAPTER XII-WMATA POLICIES**

1. **SAFETY REQUIREMENTS** N/A
  
2. **CRIMINAL BACKGROUND CHECK REQUIREMENT** N/A
  
3. **WORKPLACE VIOLENCE/ZERO TOLERANCE**

Pursuant to Metro Policy/Instruction 7.8.3, all Metro Contractors and subcontractors at any tier must: (1) establish zero tolerance for acts of workplace violence for their employees and independent contractors, and (2) not retaliate against any of their employees or independent contractors for cooperating with investigations.



## **MID-ATLANTIC COOPERATIVE RIDER CLAUSE**

The Mid-Atlantic Purchasing Team (MAPT) is the agreement between the Metropolitan Washington Council of Governments (“MWCOG”) and the Baltimore Metropolitan Council (“BMC”) to aggregate the public entity and non-profit purchasing volumes in the Maryland, Virginia and Washington, D.C. region (“region”).

### **Format**

A lead agency format is used to accomplish this work. The Lead Agency in this procurement has included this MAPT Cooperative Rider Clause in this solicitation indicating its willingness to allow other public entities to participate pursuant to the following Terms and Conditions: **Offeror’s can elect to extend prices to other participating justifications in the DMV area.**

1. Terms
  - 1.1 Participating entities, through their use of the Cooperative Rider Clause, agree to the terms and conditions of the resulting contract to the extent that they can be reasonably applied to the participating entity.
  - 1.2 Participating entities may also negotiate additional terms and conditions specific to their local requirements upon mutual agreement between the parties.
2. Other Conditions - Contract and Reporting
  - 2.1 The contract resulting from this solicitation shall be governed by and "construed in accordance with the laws of the State/jurisdiction in which the participating entity officially is located;
  - 2.2 To provide to MWCOG and/or BMC contract usage reporting information, including but not limited to quantity, unit pricing and total volume of sales by entity, as well reporting other participating entities added on the contract, on demand and without further approval of contract participants;
  - 2.3 Contract obligations rest solely with the participating entities only;
  - 2.4 Significant changes in total contract value may result in further negotiations of contract pricing with the lead agency and participating entities.

In pricing and other conditions, vendors are urged to consider the broad reach and appeal of MAPT with public and non-profit entities in this region.

A list of the participating members of the Mid-Atlantic Purchasing Team can be found at the following web links [www.mwcog.org/purchasing-and-bids/cooperative-purchasing/member-links/](http://www.mwcog.org/purchasing-and-bids/cooperative-purchasing/member-links/) and <http://www.baltometro.org/our-work/cooperative-purchasing/brcpc-representatives>



## **PART III TECHNICAL SPECIFICATIONS- STATEMENT OF WORK**

## **Introduction**

- WMATA has established a vehicle replacement program. The vehicle replacement program ensures WMATA has vehicles necessary to support the operation, maintenance, safety and security of the Metrobus and Metrorail system.
- Ninety-seven (97) Non-Revenue Service Vehicles are planned to be replaced in fiscal year 2019.
- These vehicles have met WMATA's established replacement criteria in years of service and/or mileage and/or they are beyond the point of economical repair.

## **Current Scope of Work**

- The contractor is required to deliver new unused vehicles.
- **Exhibit 1, Vehicle Specifications** is contained herewith and must be included with Offeror's Technical Proposal, Volume II.
- The vehicles must include all standard equipment unless stated otherwise in the Technical Specifications.
- The vehicles must meet all minimum required specifications.
- The vehicle's exterior must be free of any advertising (company names, trade names, etc.).

## **Vehicle Performance and Acceptance Criteria**

- WMATA reserves the right to perform on-site acceptance inspections at the contractor's facilities during vehicle construction, prior to painting and prior to delivery.
- WMATA must perform a First Article Inspection (FAI) on a minimum of one (1) vehicle from each Spec Item Number prior to any vehicles of that Item Number being delivered to WMATA site.
- The vehicles must comply and conform to all applicable Federal, FTA, State, and Local laws and emissions, environmental, safety, and health regulations in force at the time of delivery.
- The below items outlined on *Attachment B* must be delivered with the vehicle or vehicle delivery will be refused:
  - Operating and Maintenance Manuals: Three (3) complete sets of (CD format)
  - A Consumable Parts List with the Manufacture's Name and Manufactures Part Number for the Original Equipment (OEM) replacement parts outlined in *Attachment A* for each different year, make & model vehicle combination. This information must be typed. Hand written forms are unacceptable. An electronic, fillable copy of this form will be supplied after contract award upon request.
  - Six (6) complete sets of keys for each vehicle and any additional equipment (i.e. body doors, tool boxes, etc.). Ignition and door keys must be keyed alike.
  - Owner's Manual for each vehicle.
  - An executable Certificate of Origin for each vehicle.
  - An Invoice with the Contract Number, Purchase Order Number and Spec Item Number included.
  - Vehicle Warranty Registration form and Terms & Conditions.

- Warranty Registration form and Terms & Conditions for any ancillary equipment supplied with the vehicle.
  - Vehicle fuel level must be a minimum half tank.
  - All vehicle fluids must be filled to the correct level.
  - Vehicles must have valid temporary tag affixed to the vehicle and proper temporary registration supplied. Tags must be valid for thirty (30) days from date of delivery.
- 
- All factory Service Bulletins must be sent to WMATA’s Service Vehicles Fleet Manager.
  - After vehicle delivery to WMATA site and prior to final acceptance and payment is issued the contractor will be notified with documentation of any deficiencies found as required by the Technical Specification.
  - Final acceptance will not occur until remedy of all deficiencies and an inspection by an authorized WMATA employee has been performed.
  - The contractor is responsible for transporting the vehicle to and from the location where repairs will be performed.
  - Failure to comply with changes to conform to any clause of the Specification or inspection, within 30 days after notice is given of such changes, shall also be cause for rejection of the vehicle.
  - Permission to keep or store the vehicle in any building owned or occupied by WMATA or its use by WMATA during the above specified period shall not constitute acceptance.

**Performance Schedules**

- Vehicle delivery and acceptance must be completed prior to June 30, 2019.
- Upon vehicle delivery to WMATA site all items on the attached “Delivery Acceptance Check-Off Sheet” must be received or vehicle delivery can be refused.

**Location of work and any constraints**

- Contractor must notify WMATA’s Service Vehicles Fleet Manager prior to any vehicles being delivered to WMATA site.
- Vehicle(s) must be delivered to WMATA site by the contractor.
- Vehicle(s) must be delivered Monday - Friday between 6:00 am. - 1:30 pm.
- Deliveries cannot be made on Holidays or weekends.
- Delivery shall be made to:
  - Washington Metropolitan Area Transit Authority
  - Carmen Turner Facility
  - 3500 Pennsy Drive
  - Building F
  - Hyattsville, MD. 20785
  - Attention: Body Shop Supervisor
  - Phone: 301-618-1202

- Summary listing only. Technical Specifications included with **Exhibit 1-Vehicle Specifications**  
NOTE: This section must be completed and included with Volume II –“Offeror’s Technical Proposal.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
SUPPLY AND SERVICE CONTRACT RFP NO. FQ18126DYB

Qty.	ITEM:	New Vehicle Description
1	1	PASSENGER SEDAN MID-SIZE
5	2	PASSENGER TRUCK SMALL-SIZE 4WD PLAIN
6	3	PASSENGER TRUCK MID-SIZE 4WD PLAIN
2	4	PASSENGER UTILITY TRUCK MID-SIZE 4WD w/ LIGHT BAR, STROBES, CHEVRONS (SAFE)
21	5	PASSENGER UTILITY TRUCK MID-SIZE 4WD w/ LIGHT BAR, STROBES, ARROW LIGHT, CHEVRONS, LAP TOP MOUNT, INVERTER (SOM)
1	6	PASSENGER TRUCK FULL-SIZE 4WD
2	7	PASSENGER VAN FULL SIZE 0.5 TON RWD SRW 8 PASS
3	8	CARGO VAN SMALL-SIZE LONG WB w/ INVERTER
2	9A	CARGO VAN FULL SIZE 0.5 TON RWD SRW LOW ROOF w/ GENERAL STORAGE PKG.
2	9B	CARGO VAN FULL SIZE 0.5 TON RWD SRW LOW ROOF w/ ELECTRICAL STORAGE PKG., STROBES
1	10	CARGO VAN FULL SIZE 0.75 TON RWD SRW MID ROOF REG LENGTH GAS w/ STORAGE PKG, INVERTER, STROBES, ARROW, TOW PKG, LADDER RACK, CHEVRON
1	11	CARGO VAN FULL SIZE 1.0 TON RWD SRW LOW ROOF REG LENGTH w/ HVAC STORAGE PKG, INVERTER, STROBES, ARROW, TOW PKG, LADDER RACK, CHEVRON, TANK HOLDERS
1	12	HIGH CUBE VAN 1.5 TON RWD DRW 158" WB w/ LIFT GATE
6	13	PICKUP TRUCK MID-SIZE CC 4WD SRW SHORT BED
1	14A	PICKUP TRUCK 1.0 TON RC 4WD SRW 8 FT w/ CAB GUARD, PLOW, SPREADER, LIGHT BAR, STROBES, TOW PKG.
1	14B	PICKUP TRUCK 1.0 TON RC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, PLOW, TG SPREADER, LIGHT BAR, STROBES, TOW PKG.
2	15	PICKUP TRUCK 1.0 TON EC 4WD SRW 8 FT w/ CAB GUARD, PLOW, TG SPREADER, LIGHT BAR, STROBES, TOW PKG., CHEVRON
1	16A	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT PLAIN
25	16B	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, STROBES, TOW PKG
2	16C	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, LIFT GATE, PLOW, TG SPREADER, STROBES, TOW PKG, CHEVRON
2	16D	PICKUP TRUCK 1.0 TON CC 4WD SRW 8 FT w/ CAB GUARD, PLOW, SPREADER, LIGHT BAR, STROBES, TOW PKG.
2	17A	UTILITY TRUCK OPEN BODY 9 FT 1.0 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, TOW PKG
1	17B	UTILITY TRUCK OPEN BODY 9 FT 1.0 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, TOW PKG, INVERTER, STROBES, CHEVRON
1	18	UTILITY TRUCK OPEN BODY 9 FT 1.5 TON CC 4WD DRW w/ LIFT GATE, CAB GUARD, STROBES, TOW PKG
1	19A	STAKE BODY TRUCK 12 FT 1.5 TON RC 4WD DRW DSL w/ LIFTGATE, STROBES, UNDERBODY TOOL BOXES
2	19B	STAKE BODY TRUCK 12 FT 1.5 TON RC 4WD DRW DSL w/ PLOW, SPREADER, LIGHT BAR, STROBES, UNDERBODY TOOL BOXES
1	20	STAKE BODY DUMP TRUCK 2.0 TON CC RWD DRW 12 FT BODY w/ TOOLBOX, PLOW, SPREADER
1	21	DUMP TRUCK CC RWD DRW 9 FT BODY DSL w/ TOOL BOX, PLOW, SPREADER

Attachment A

**CONSUMABLE PARTS LIST**

**VEHICLE SPECIFICATION ITEM NUMBER:**

**YEAR, MAKE & MODEL:**

	DESCRIPTION	MANUFACTURER	PART NUMBER
1	BATTERY		
2	BOOT, IGNITION COIL		
3	BRAKE DRUM/ ROTOR, FRONT		
4	BRAKE DRUM/ ROTOR, REAR		
5	BRAKE PADS/ SHOES, FRONT		
6	BRAKE PADS/ SHOES, REAR		
7	BRAKE SHOES, PARKING		
8	BRAKE PEDAL PAD		
9	CAP, FUEL		
10	CAP, RADIATOR		
11	COIL, IGNITION		
12	DRIVE BELT		
13	DRIVE BELT		
14	FILTER, AIR		
15	FILTER, BREATHER		
16	FILTER, COOLANT		
17	FILTER, ENGINE OIL		
18	FILTER, FUEL		
19	FILTER, FUEL SEPERATOR		
20	FILTER, HVAC FRESH AIR/ CABIN		
21	FILTER, HYDRAULIC		
22	FILTER, POWER STEERING		
23	FILTER, TRANSMISSION		
24	FLUID, AXLE, FRONT		
25	FLUID, AXLE, REAR		
26	FLUID, BRAKE		
27	FLUID, ENGINE COOLANT		
28	FLUID, ENGINE OIL		
29	FLUID, HYDRAULIC		
30	FLUID, POWER STEERING		
31	FLUID, TRANSFER CASE		
32	FLUID, TRANSMISSION		
33	GASKET, THERMOSTAT		
34	HEADLIGHT, HIGH BEAM		
35	HEADLIGHT, LOW BEAM		
36	PCV VALVE		
37	SENSOR, TIRE PRESSURE		
38	SPARK PLUGS		
39	STRAP KIT, TIRE PRESSURE MONITOR		
40	THERMOSTAT		
41	TIRES, FRONT		
42	TIRES, REAR		
43	WINDSHIELD WIPER BLADES, FRONT		
44	WINDSHIELD WIPER BLADES, REAR		
45	WIRE SET, SPARK PLUG		

Attachment B

# Asset Delivery Acceptance (ADA)

Proof Of Delivery

Year: \_\_\_\_\_ Asset Number: \_\_\_\_\_ Barcode: \_\_\_\_\_

Make: \_\_\_\_\_ Item Number: \_\_\_\_\_ Color Code: \_\_\_\_\_

Model: \_\_\_\_\_ Stock Number: \_\_\_\_\_ Key Code: \_\_\_\_\_

VIN: \_\_\_\_\_ Mfg. Date: \_\_\_\_\_

Delivery Accepted:  YES  NO

Accepted By: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**All items must be received when the asset is delivered or delivery can be refused:**

- NA  YES  NO  POST DELIVERY \* First Article Inspection completed. (1 per spec Item #)
- NA  YES  NO \* Three (3) sets of Maintenance Manuals (CD format). (3 sets per vehicle/equipment model)
- NA  YES  NO \* Consumable Parts List. (1 per spec Item #)
- NA  YES  NO \* Six (6) sets of keys for vehicle
- NA  YES  NO \* Six (6) sets of keys for body doors, tool boxes, cabinets, etc.
- NA  YES  NO \* Owner's Manual
- NA  YES  NO \* Certificate of Origin
- NA  YES  NO \* Invoice with Contract #, PO # & Spec Item #
- NA  YES  NO \* Extended Warranty Registration Form
- NA  YES  NO \* Extended Warranty Terms & Conditions. (1 per spec Item #)
- NA  YES  NO \* Minimum ½ tank of fuel
- NA  YES  NO \* Valid temporary tags

## **APPENDIX B**

Not Applicable for this Request for Proposal.

**COMBINED GLOSSARY OF DEFINITIONS**

**As used throughout this Contract, except to the extent otherwise expressly specified, the following terms shall have the meanings set forth below:**

**Acceptance:** Acknowledgment by the Authority that the supplies, services, or other work conform to the applicable contract requirements.

**Acceptance Period:** The number of days available to the Authority to award a Contract pursuant to this solicitation, during which period offerors may not withdraw their offers.

**Amendment:** Written instructions issued prior to the date set for receipt of proposals or Best and Final Offers to clarify, revise, add or delete requirements of the Request for Proposals.

**Approved equal:** An item approved by WMATA as equivalent to a brand name item originally specified.

**Authority or WMATA or Metro:** The Washington Metropolitan Area Transit Authority, created effective February 20, 1967, by Interstate Compact by and between Maryland, Virginia and the District of Columbia pursuant to Public Law 89-774, approved November 6, 1966.

**Best and Final Offers:** A revision to the initial proposal submitted at the Contracting Officer's request, generally following discussions, upon review of which the Authority will render a determination as to the successful offeror for purposes of Contract award.

**Board of Directors:** The Board of Directors of the Washington Metropolitan Area Transit Authority.

**Brand name:** Identification of an item that is produced or controlled by one or more entities, including trademarks, manufactures names, or model names or numbers that are associated with a manufactures.

**Breach:** An unexcused and unjustifiable failure or refusal of a party to satisfy one or terms of the Contract which, if material, shall constitute a basis for potential default.

**Change or Change Order:** A written alteration issued, upon agreement of both parties or unilaterally by the Authority, to modify or amend the Contract, generally directing changes to the Scope of Work and/or Contract terms.

**Claim:** A written demand or assertion by the Contractor seeking, as a legal right, the payment of money, adjustment or interpretation of Contract terms, or other relief, arising under or relating to this Contract.

**Clarifications:** Exchanges between the Authority and one or more offerors of a limited nature, whereby offerors may be given the opportunity to clarify certain aspects of their proposals or to resolve minor irregularities, informalities or clerical errors.

**Competitive Range:** Those initial proposals that are determined by the Authority to have a reasonable chance of being selected for award and that may be selected for additional negotiations or discussions to the extent deemed appropriate by the Contracting Officer. Proposals not in the competitive range are given no further consideration. For low price, technically acceptable awards, "competitive range" means all proposals that are technically acceptable.



**Constructive Change:** An act or omission by the Authority that, although not identified as a Change Order, does in fact cause a change to the Contract.

**Contract or Agreement:** The written agreement executed between the Authority and the Contractor awarded pursuant to this Solicitation.

**Contract Administrator:** the Authority's representative designated to serve as its primary point of contact for pre-award activities relating to the solicitation as well as such post-award activities as are set forth in this Contract.

**Contracting Officer:** An employee with authority duly delegated from the powers of the Chief Procurement Officer to legally bind the Authority by signing a Contractual instrument. The Contracting Officer is the Authority's primary point of contact for pre-award administration, modifications above the limits of the Contracting Officer's Representative, and final settlement.

**Contracting Officer Representative:** The person to whom the Contracting Officer delegates the authority and responsibility for post award administration of the Contract. The Contracting Officer's Representative is the Authority's primary point of contact with its Contractor.

**Contractor:** The individual, partnership, firm, corporation, or other business entity that is Contractually obligated to the Authority to furnish, through itself or others, the supplies, services and/or construction services described in this Contract, including all incidentals that are necessary to complete the work in accordance with this Contract.

**Contract Price:** The amount payable to the Contractor under the terms and conditions of this Contract based on lump sum prices, unit prices, fixed prices, or combination thereof, with any adjustments made in accordance with this Contract.

**Data:** Recorded information, regardless of form or the media on which it may be recorded, including technical data and computer software.

**Day:** Calendar day, except where the term business day, work day or like term is used.

**Designer:** The individual, partnership, firm, corporation or other business entity that is either the Contractor, or employed or retained by the Contractor, to manage and perform the design services for this Contract.

**Disadvantaged Business Enterprise (DBE):** A for-profit small business concern that has been certified by the Authority to be at least fifty-one percent (51%) owned by one (1) or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which fifty one percent (51%) of the stock is owned by one (1) or more individuals, and whose management and daily business operations are controlled by one (1) or more of the socially and economically disadvantaged individuals who own it.

**Descriptive literature:** Information provided by an offeror, such as cuts, illustrations, drawings, and brochures that shows a product's characteristics or construction of a product or explains its operation. The term includes only that information needed to evaluate the acceptability of the product and excludes other information for operating or maintaining the product.

**Directed, ordered, designated, prescribed or words of like importance:** Shall be understood that the direction, requirement, order, designation or prescription of the Contracting Officer is intended and similarly the words approved, acceptable, satisfactory or words of like import shall

mean approved by, or acceptable to, or satisfactory to the Contracting Officer, unless otherwise expressly stated.

**Discussions:** Negotiations or exchanges relating to the solicitation between an offeror and the Authority that may occur after receipt of proposals (generally after establishment of the competitive range) and before award, that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal or to be followed by the Contracting Officer's request for receipt of Best and Final Offers (BAFOs).

**Evaluation Criteria:** Those factors to be considered by the Authority, in determining the successful proposal.

**Explanation:** Additional information or clarification provided by an Authority representative to one (1) or more prospective offerors in response to an inquiry relating to the solicitation, that will be binding upon the Authority, only to the extent specified in this Contract.

**Equivalent:** Of equal or better quality and/or performance to that specified in this Contract as determined by the Authority.

**Final Acceptance:** Final acceptance of the work occurs when the work is fully, completely, and finally accomplished in strict compliance with the Contract to the satisfaction of the Authority.

**Final Payment:** The last payment to the Contractor for work performed under this Contract.

**Force Majeure:** An unforeseen event or circumstance, beyond the control of, and not occasioned by the fault or neglect of, the Contractor or the Authority, that gives rise to a delay in the progress or completion of the Contract, including, without limitation, acts of God, acts of war or insurrection, unusually severe weather, fires, floods, strikes, freight embargoes or other events or circumstances of like nature.

**FTA:** Federal Transit Administration, an agency within the United States Department of Transportation that provides financial and technical assistance to local public transit agencies.

**Government:** The Government of the United States of America.

**Industry Standards:** Drawings, documents, and specifications or portions thereof published by industry organizations. Industry Standards are not part of the Contract unless specifically listed in the Statement of Work.

**Legal Requirements:** All Federal, State and local laws, ordinances, rules, orders, decrees, and regulatory requirements such as: building codes, mechanical codes, electrical codes, fire codes, Americans with Disabilities Act Accessibility Guidelines (ADAAG), and other regulations of any government or quasi-government entity that are applicable to this Contract.

**Milestone:** A specified date in this Contract by which the Contractor is required to complete a designated portion or segment of the work.

**Minor Irregularity:** A variation from the solicitation contained in a proposal that does not affect the price or other material term of the Contract and does not confer a competitive advantage or benefit not enjoyed by other offerors or adversely impact the Authority's interests.

**Notice to Proceed:** Written notice issued by the Authority establishing the date on which the Contractor may commence work and directing the Contractor to proceed with all or a portion of the work.

**Offeror:** A party submitting a proposal in response to this solicitation.

**Option:** A unilateral right in the Contract by which, for a specified time, the Authority may elect to purchase, at a predetermined price, additional supplies, services and/or work called for by the Contract or to extend the term of the Contract.

**Organizational conflict of interest:** A circumstance in which, because of other activities or relationships, a person, corporation or other business entity is unable or potentially unable to render impartial assistance or advice to the Authority, or its objectivity in performing the Contract is or might be otherwise impaired, or it has an unfair competitive advantage.

**Period of Performance:** The time allotted in this Contract for completion of the work. The period of performance begins upon the effective date of Contract execution and ends on the last date for complete performance of the final option. The period of performance incorporates the milestones established for the Contract.

**Pre-award Survey:** An evaluation of a prospective Contractor's capability to perform a proposed Contract, including an assessment of matters relating to its responsibility.

**Product Data:** Information furnished by the Contractor to describe materials used for some portion of the work, such as written or printed descriptions, illustrations, standard schedules, performance charts, instructions, brochures, and diagrams.

**Proposal:** A submission by an offeror to the solicitation that, if accepted by the Authority, would bind the offeror to perform the resultant Contract.

**Records:** Books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form.

**Revision:** A change to a proposal made by an offeror, at the request of or as allowed by the Contract Administrator or Contracting Officer, often as a result of discussions. Best and Final Offers are one form of revision.

**Safety Sensitive:** FTA regulations at 49 C.F.R. § 655.4 define "safety sensitive functions" as any of the following duties when performed by WMATA as a grant recipient, or any of its contractors: (a) Operating a revenue service vehicle, including when it is not in revenue service; (b) Operating a

nonrevenue service vehicle, when required to be operated by the holder of a commercial driver's license (CDL); (c) Controlling dispatch or movement of a revenue service vehicle; (d) Maintaining (including repairs, overhaul and rebuilding) a revenue service vehicle or equipment used in revenue service; and (e) Carrying a firearm for security purposes. WMATA's definition of safety sensitive functions extends beyond FTA's requirements and includes (f) Employees and contractors who maintain escalators and elevators (including repairs, overhauls and rebuilding) and (g) Station managers.

**Services:** The performance of work by a person or legal entity under contract with the Authority, including without limitation: maintenance; overhaul; repair; servicing; rehabilitation; salvage; modernization or modification of supplies, systems or equipment; routing, recurring maintenance of real property; housekeeping; operation of Authority-owned equipment, facilities and systems; communication services; Architect-Engineering services; professional and consulting services; and transportation and related services.

**Small Business Enterprise Set-Aside:** Competitive procurement(s), less than \$500,000, exclusively for SBE certified bidders/proposers.

**Supplies:** The end item(s) required to be furnished by the Contractor in fulfillment of its obligation under this Contract as well as any and all related services and required performance.

**Statement of Work (SOW):** The portion of this Contract or Request for Proposals that describes specifically what is to be done by the Contractor. It may include specifications, performance outcomes, dates and time of performance, quality requirements, etc.

**Solicitation:** This Request for Proposals (RFP).

**Shop Drawings:** Fabrication, erection, layout, setting, schematic, and installation drawings that the Contractor prepared for permanent structures, equipment, and systems that it designed to comply with this Contract.

**Similar:** Generally the same, but not necessarily identical. Details will be worked out regarding location and relation to other parts of the work.

**Site:** The areas that are occupied by or used by the Contractor and subcontractors during performance of this Contract.

**Small Business Enterprise (SBE):** A for profit small business concern that has been certified by the Authority to be at least fifty-one percent (51%) owned by one (1) or more individuals who are economically disadvantaged.

**Small Business & Local Preference Program:** Board mandated small business contracting program for WMATA funded contracts with firm(s) located in the District of Columbia, Maryland or Virginia.

**Subcontract:** An agreement between the Contractor and another party, or between other subcontractors at any tier, to perform a portion of this Contract through the acquisition of specified supplies, materials, equipment or services.

**Subcontractor:** An individual, firm, partnership, or corporation that has a contractual obligation with the Contractor or other subcontractors or suppliers.

**Submittal:** Written or graphic document or samples prepared for the work by the Contractor or a subcontractor or supplier and submitted to the Authority by the Contractor, including shop drawings, product data, samples, certificates, schedules of material, or other data.

**Substantial Completion:** Work or a portion thereof that has progressed to the point where it is sufficiently complete in accordance with the Contract (including receipt of test and inspection reports) so that it can be utilized for the purpose for which it is intended, and only incidental work remains for physical completion in accordance with the Contract.

**Substitution:** An item offered by the Contractor of significant difference in material, equipment, or configuration, which functionally meets the requirements of the Contract, but is submitted in lieu of item specified therein.

**Supplier:** A subcontractor who is a manufacturer, fabricator, supplier, distributor, or vendor.

**Utility:** A public and/or private facility or installation, other than WMATA's facility, that relates to (1) the conveyance and supply of water, sewage, gas, chemicals, steam, petroleum products, and other piped installations, or (2) electrical energy, telephone, radio, television, and cellular or wireless communications.

**Utility Standards:** Drawings and specifications for utilities published or issued by municipalities or utility companies.

**WMATA Safety Manual:** A compilation of the appropriate safety and reporting requirements for the project as specified in the Contract.

**WMATA Safety and Security Certification Program Plan:** A compilation of the appropriate system safety and security certification requirements for the Contract.

**Work:** All of the services of any kind, as well as any and all goods, supplies, equipment, labor, and material, of any type and nature to be furnished and/or performed pursuant to a Contract such as to accomplish the Contract's stated objectives in a timely and fully satisfactory manner.

# FY-19 VEHICLE PURCHASE

**ITEM 21**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

## DUMP TRUCK

**w/ TOOL BOX, SNOW PLOW & SPREADER**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



March 2, 2018

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, MATERIALS, TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD F-650 PRO LOADER (KICK-UP FRAME) OR WMATA APPROVED EQUAL		
2.3	CAB/ BODY	FOUR (4) DOOR CAB/ DUMP BODY		
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), DUAL REAR WHEELS (DRW)		
2.5	CAB PAINT COLOR	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	TURBO DIESEL		
3.2	ENGINE SAE NET HORSEPOWER	300 HP		
3.3	ENGINE SAE NET TORQUE	700 LB.-FT.		
3.4	FUEL SYSTEM	DIESEL, ELECTRONIC FUEL INJECTION		
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 50 GALLONS		
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED HEAVY-DUTY SIX (6) SPEED AUTOMATIC		
3.7	TRANSMISSION COOLER	OEM FACTORY INSTALLED		
3.8	EXHAUST	HORIZONTAL OUTLET (NO VERTICAL STACK)		
3.9	ENGINE BLOCK HEATER	OEM FACTORY INSTALLED		

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERIES: MAINTENANCE-FREE			
4.1.1	<b>COLD CRANKING AMPS:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY QTY., TYPE & COLD CRANKING AMPS THEY ARE OFFERING			

4.2	<b>ALTERNATOR:</b> HEAVY-DUTY		
4.2.1	<b>OUTPUT AMPERAGE:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE		
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR QTY. & OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING		
4.3	<b>JUMP START STUD:</b> EASILY ACCESIBLE, REMOTE MOUNTED		
<b>SECTION 5: WEIGHT RATINGS</b>			
5.1	<b>FRONT GAWR</b>	8,500 LBS.	
5.2	<b>REAR GAWR</b>	17,500 LBS.	
5.3	<b>SPRINGS, REAR</b>	19,000 LBS.	
5.4	<b>GVWR</b>	25,000 LBS. MIN, 26,000 LBS. MAX	
5.5	<b>TRAILERING CAPACITY</b>	30,000 LBS.	
5.6	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS & TOWING CAPACITY THEY ARE OFFERING		
<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT &amp; REAR</b>	LEAF SPRINGS (NO AIR SUSPENSION)	
6.2	<b>TIRES, FRONT</b>	245/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS	
6.3	<b>TIRES, REAR</b>	245/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS	
6.4	<b>WHEELS</b>	MAX. 19.5" STEEL WHEELS	
6.5	<b>STEERING</b>	POWER ASSISTED	
6.6	<b>BRAKE SYSTEM</b>	HYDRAULIC (NO AIR BRAKES) FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: DIMENSIONS</b>			
7.1	<b>WHEELBASE</b>	194.0"	
7.2	<b>CAB TO AXLE</b>	84.0"	
7.3	<b>GROUND TO TOP OF FRAME</b>	34.0" MAX	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3	
8.2	<b>SEATING</b>		
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL	
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	<b>DRIVER'S SEAT</b>	AIR-RIDE w/ INTEGRAL AIR PUMP (NO EXTERNAL AIR SOURCE)	
8.2.4	<b>FRONT PASSENGERS SEAT</b>	FIXED TWO (2) PASSENGER BENCH SEAT	
8.2.5	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	<b>DOMELIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.6	<b>110V AC OUTLET</b>	OEM FACTORY INSTALLED, IN CAB	
8.7	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO w/ AUX AUDIO INPUT JACK	
8.8	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	



8.11	<b>DOOR LOCKS</b>	OEM FACTORY INSTALLED POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	OEM FACTORY INSTALLED POWER WINDOWS		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	<b>BODY BUILDER SWITCHES</b>	FOUR (4) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		
8.15	<b>HEADLINER</b>	OEM FACTORY INSTALLED		
8.16	<b>SUNVISORS</b>	DRIVER & PASSENGER		
<b>SECTION 9: EXTERIOR</b>				
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE RECTANGULAR MIRRORS		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		DRIVER & PASSENGER SIDE BLIND SPOT MIRRORS		
9.3	<b>FRONT GRILL &amp; SURROUND COLOR</b>	BLACK		
9.4	<b>CAB LIGHTS/ COLOR</b>	ROOF CLEARANCE LIGHTS/ AMBER		
9.5	<b>GRAB HANDLES</b>	MOUNTED AT EACH CAB DOOR		
9.6	<b>STEPS</b>			
9.6.1	<b>TYPE:</b>	OEM FACTORY INSTALLED OR WMATA APPROVED EQUAL		
9.6.2	<b>DESCRIPTION:</b>	STEPS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED		
9.6.3		STEPS INTEGRATED INTO FUEL TANK, BATTERY BOX, ETC. ARE ACCEPTABLE		
9.7	<b>FRONT BUMPER</b>	FULL WIDTH, BLACK		
9.8	<b>FRONT BUMPER EXTENSION</b>	THREE (3) INCH		
9.9	<b>FRONT FENDERS</b>	SHALL INCLUDE INNER FENDER SPLASH SHIELDS & MUD FLAPS		
9.10	<b>TOW HOOKS</b>	TWO (2) FRONT FRAME MOUNTED		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	<b>AIR BAGS</b>	OEM FACTORY INSTALLED		
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS		
10.2.1		RETRACTABLE		
10.2.2		THREE POINT		
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED		
10.4	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.5	<b>REAR VIEW CAMERA SYSTEM</b>	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION		
10.5.1	<b>ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE</b>			
10.5.2	<b>TYPE</b>	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO		
10.5.3	<b>MONITOR</b>	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING		
10.5.4	<b>CAMERA</b>	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING		
10.5.5	<b>WARRANTY</b>	MINIMUM (1) YEAR PARTS & LABOR		

10.6	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
10.7	<b>FIRE EXTINGUISHER</b>	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.8	<b>FIRST AID KIT</b>	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.9	<b>WHEEL CHOCKS</b>	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>			
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED			
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED			
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS			

11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>AUXILIARY TURN SIGNAL LIGHTS</b>		
11.2.1	<b>TYPE:</b> CUSTER PRODUCTS MODEL #CPL-65A-SEQ OR WMATA APPROVED EQUAL, 6-1/2" OVAL SEQUENCING TURN SIGNAL w/ G65G RUBBER GROMMETS & MT-65 OR WMATA APPROVED EQUAL BLACK POWDERCOATED STEEL BOXES		
11.2.2	<b>MOUNTING:</b> ONE (1) LIGHT SHALL BE MOUNTED ON EACH SIDE UNDER THE BODY, FORWARD OF REAR WHEELS & FENDERS @ 45 DEGREE ANGLE TO THE BODY SIDES. SHALL BE CLEARLY VISIBLE TO DRIVERS IN ADJACENT LANE		
11.2.3	<b>OPERATION:</b> LIGHTS SHALL FLASH WHEN CORRESPONDING TURN SIGNAL IS ACTIVATED		
<b>11.3</b>	<b>TRAILER TOWING PACKAGE</b>		
11.3.1	<b>TYPE:</b> 15 TON PINTLE HOOK (COMBO PINTLE & BALL NOT ACCEPTABLE) & TWO (2) SAFETY LOOPS MOUNTED ON HEAVY-DUTY STEEL PULL PLATE AT REAR OF TRUCK FRAME		
11.3.2	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.3	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
<b>11.4</b>	<b>STROBE LIGHTS</b>		
11.4.1	<b>TYPE (FRONT):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING (FRONT):</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>TYPE (REAR):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED STROBE LIGHTS. MUST HAVE LIGHT GUARDS IF SURFACE MOUNTED		
11.4.4	<b>MOUNTING (REAR):</b> TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.5	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.6	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.7	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.5</b>	<b>LIGHT BAR</b>		
11.5.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.5.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE PERMANENTLY MOUNTED TO TOP OF CAB SHIELD. LIGHT BAR MUST BE MOUNTED FORWARD OF ARROW LIGHT BAR AND HAVE 360 DEGREE VISIBILITY. LOAD COVER MUST NOT OBSTRUCT FULL VISIBILITY OF THE LIGHT BAR & ARROW LIGHT		
11.5.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.5.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

<b>11.6</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LOW PROFILE AMBER LED SEQUENTIAL TRAFFIC ADVISOR (AKA: ARROW LIGHT)		
11.6.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED IN THE CENTER ABOVE THE CAB SHIELD. LOAD COVER MUST NOT OBSTRUCT FULL VISIBILITY OF THE LIGHT BAR & ARROW LIGHT		
11.5.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: TRAFFIC ADVISOR		
11.6.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>SNOW PLOW</b>		
11.7.1	<b>TYPE:</b> BOSS HEAVY-DUTY STRAIGHT BLADE w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL		
11.7.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK		
11.7.3	<b>BLADE WIDTH:</b> 102" MIN, 108" MAX WIDTH		
11.7.4	<b>PLOWING WIDTH:</b> 94" @ 30 DEGREE ANGLE		
11.7.5	<b>BLADE HEIGHT:</b> 34.5" MAXIMUM HEIGHT		
11.7.6	<b>MOLDBOARD:</b> REINFORCED, 7 GA. STEEL		
11.7.7	<b>PLOW SHOES:</b> CAST IRON		
11.7.8	<b>TRIP:</b> FULL TRIP, SIX (6) TRIP SPRINGS		
11.7.9	<b>ANGLE CYLINDERS:</b> 2" x 10"		
11.7.10	<b>CUTTING EDGE:</b> ½" x 6" HIGH CARBON STEEL		
11.7.11	<b>CONTROLS:</b> SHALL BE HANDHELD CONTROLLER. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.7.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.7.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.7.14	<b>PLOW LIGHTS:</b> LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.7.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.7.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.7.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>SALT/ SAND SPREADER</b>		
11.8.1	<b>MODEL:</b> BOSS VBX9000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.8.2	<b>HOPPER CONSTRUCTION:</b> 3/16" DOUBLE WALL POLYETHYLENE		
11.8.3	<b>CAPACITY:</b> THREE (3) YARDS		
11.8.4	<b>HOPPER DIMENSIONS:</b> LENGTH: 107", OVERALL LENGTH: 122", HEIGHT: 49", WIDTH: 48"		
11.8.5	<b>SPREADING WIDTH:</b> 2-40 FT.		
11.8.6	<b>FEED RATE:</b> 2.3 CU. FT. PER MINUTE		
11.8.7	<b>POWER:</b> ELECTRIC MOTOR		
11.8.8	<b>FEED MOTOR:</b> 3/4 HP STAINLESS STEEL		

11.8.9	<b>GEARBOX:</b> PLANETARY GEARBOX		
11.8.10	<b>SPINNER GEARMOTOR:</b> 1/8 HP		
11.8.11	<b>SPINNER:</b> FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.8.12	<b>VIBRATORS:</b> VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.8.13	<b>TROUGH:</b> STAINLESS STEEL		
11.8.14	<b>WORK LIGHT(S):</b> MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.8.15	<b>BRAKE LIGHT:</b> SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.8.16	<b>TOP GRATE SCREEN:</b> HEAVY DUTY ONE PIECE SCREEN		
11.8.17	<b>LIFT POINT:</b> SHALL HAVE A SINGLE LIFT POINT		
11.8.18	<b>CONTROLS:</b> CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.19	<b>CONTROLS CONNECTOR &amp; POWER SUPPLY:</b> THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRED CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.8.20	<b>SECUREMENT:</b> SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.8.21	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.22	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.23	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.24	<b>WARRANTY:</b> TWO (2) YEAR PARTS AND LABOR		
11.8.25	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>TOOL BOX</b>		
11.9.1	<b>TYPE:</b> HEAVY -DUTY SMOOTH STEEL BACKPACK TRUCK BOX. SEE REFERENCE PHOTO(S) ATTACHED		
11.9.2	<b>MOUNTING:</b> BEHIND TRUCK CAB, IN FRONT OF BODY. SHALL HAVE THE MINIMUM REQUIRED SPACE BETWEEN THE BOX & CAB AND THE BOX & BODY		
11.9.3	<b>COLOR/COATING:</b> BLACK/POWDERCOAT		
11.9.4	<b>DIMENSIONS:</b> TRUCK CAB WIDTH & HEIGHT		
11.9.5	<b>DOORS:</b> TWO DOORS PER SIDE w/WEATHERTIGHT SEALS & CONTINUOUS HIDDEN STAINLESS STEEL HINGES		
11.9.6	<b>DOOR HANDLES:</b> FLUSH MOUNT, STAINLESS STEEL		

11.9.7	<b>DOOR LOCKS:</b> WEATHER PROTECTED LOCKS ON ALL DOORS & KEYED ALIKE		
11.9.8	<b>SHELVING:</b> IN UPPER & LOWER COMPARTMENTS		
<b>11.10</b>	<b>HOIST</b>		
11.10.1	<b>POWER UNIT:</b> ELECTRIC-HYDRAULIC		
11.10.2	<b>COATING:</b> POWDER-COATED BLACK		
11.10.3	<b>CONTROLS:</b> IN CAB		
11.10.4	<b>HOIST SAFETY PROP:</b> YES		
11.10.5	<b>HOIST UP ALARM:</b> AUDIBLE ALARM & WARNING LIGHT IN CAB		
11.10.6	<b>ADDITIONAL FEATURES:</b> DOUBLE ACTING POWER UP/POWER DOWN ELECTRIC-HYDRAULIC LIFT FOR RAISING & LOWERING DUMP BODY		
11.10.7	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 12: BODY**

<b>12.1</b>	<b>DUMP BODY</b>		
12.1.1	<b>TYPE:</b> RUGBY FOLD-DOWN SIDE CONTRACTOR BODY OR WMATA APPROVED EQUAL. SEE REFERENCE PHOTO(S) ATTACHED		
12.1.2	<b>COLOR:</b> ALL BODY PARTS SHALL BE BLACK		
12.1.3	<b>DIMENSIONS:</b> LENGTH: 9 FT. 6" MIN., 12 FT. MAX, SIDE HEIGHT: 17", TAILGATE HEIGHT: 23"		
12.1.4	<b>CAPACITY:</b> FOUR (4) YARDS		
12.1.5	<b>MATERIAL:</b> STEEL		
12.1.6	<b>SIDES:</b> FOLD-DOWN INDEPENDENTLY OPERATED DOUBLE DOOR SIDES w/ REMOVABLE CENTER POSTS, SINGLE PIN RELEASE SYSTEM TO REMOVE CENTER POST & SHALL HAVE BRACKETS FOR SIDEBORD EXTENSIONS & DIRT SHEDDING TOP RAILS		
12.1.7	<b>TAILGATE:</b> QUICK RELEASE		
12.1.8	<b>CAB SHIELD:</b> STEEL		
12.1.9	<b>TAILGATE BUMPERS:</b> INSTALLED ON REAR TO PROTECT TAILGATE FROM CONTACTING THE FRAME/PULL PLATE WHEN LOWERED		
12.1.10	<b>CARGO SECUREMENT:</b> SIX (6) HEAVY DUTY TIE DOWN RINGS RECESSED IN FLOOR. SHALL BE EQUALLY SPACED		
12.1.11	<b>EXTERIOR LIGHTING:</b> SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.1.12	<b>VISIBILITY STRIPING:</b> SHALL HAVE ALTERNATING RED & WHITE REFLECTIVE TAPE INSTALLED ON SIDES & REAR OF BODY AND ON VERTICAL RAILS ON REAR STAKE RACKS		
12.1.13	<b>LADDER:</b> INSTALL BUSTIN SLIDE-AWAY LADDER PART # SALA303 w/ ANTI-SLIP TREADPLATE OR WMATA APPROVED EQUAL ON DRIVER'S SIDE OF BODY NEAR THE FRONT. MUST HAVE ADEQUATE CLEARANCE WHEN BODY IS RAISED & LOWERED NOT TO HAVE CONTACT w/ ANY OTHER PART OF TRUCK		
12.1.14	<b>LOAD COVER:</b> HEAVY DUTY ROLL-UP TARP LOAD COVER SYSTEM. MUST NOT OBSTRUCT FULL VISIBILITY OF THE LIGHT BAR & ARROW LIGHT		
12.1.15	<b>SPLASH SHIELDS:</b> HEAVY-DUTY, STEEL, BLACK POWDERCOATED, PLAIN (NO LOGO) MOUNTED IN FRONT OF REAR TIRES		
12.1.16	<b>MUD FLAPS:</b> PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.1.17	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 13: ADDITIONAL REQUIREMENTS**

<b>13.1</b>	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>13.2</b>	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		

13.3 **WHEEL ALIGNMENT:** SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1 **WARRANTY COMMENCEMENT:** STARTS ON DATE OF DELIVERY TO WMATA LOCATION

14.2 **BUMPER TO BUMPER, OEM FACTORY:** TWO (2) YEARS/ UNLIMITED MILES

14.3 **POWERTRAIN, OEM FACTORY:** FIVE (5) YEARS/ 250,000 MILES

14.4 **WARRANTY DOCUMENTATION:** OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY TERMS & CONDITIONS

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**BLACK STEEL BACKPACK TRUCK BOX**



**SPLASH SHIELDS**



**DUMP BODY**





**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 20**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

**STAKE BODY DUMP TRUCK, 2.0 TON**

**w/ SNOW PLOW & SPREADER**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*



**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, MATERIALS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD F-550 OR WMATA APPROVED EQUAL
2.3	CAB/ BODY	FOUR (4) DOOR CAB/ STAKE DUMP BODY
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), DUAL REAR WHEELS (DRW)
2.5	CAB PAINT COLOR	SOLID WHITE
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S)</b> (E.g. 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	
2.7	<b>SNOW PLOW PREP PACKAGE</b>	MUST BE OEM FACTORY INSTALLED

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V10, 6.8L/ 415
3.2	ENGINE SAE NET HORSEPOWER	288 @ 4,000 RPM
3.3	ENGINE SAE NET TORQUE	424 @ 3,000 RPM
3.4	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC
3.7	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	<b>COLD CRANKING AMPS:</b> MIN. 750 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: HEAVY-DUTY	
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 240A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING	

<b>SECTION 5: WEIGHT RATINGS</b>			
5.1	<b>FRONT GAWR</b>	5,600 LBS.	
5.2	<b>REAR GAWR</b>	14,700 LBS.	
5.3	<b>GVWR</b>	19,500 LBS.	
5.4	<b>TRAILERING CAPACITY</b>	18,500 LBS.	
5.5	<b>DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING</b>		
<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT</b>	TWIN-COIL MONOBEAM	
6.2	<b>SUSPENSION, REAR</b>	SOLID AXLE w/ LEAF SPRINGS	
6.3	<b>REAR AXLE</b>	LIMITED SLIP	
6.4	<b>TIRES, FRONT</b>	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS	
6.5	<b>TIRES, REAR</b>	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS	
6.6	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS	
6.7	<b>STEERING</b>	POWER ASSISTED	
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: DIMENSIONS</b>			
7.1	<b>WHEELBASE</b>	200.0"	
7.2	<b>CAB TO AXLE</b>	84.0"	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3	
8.2	<b>SEATING</b>		
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL	
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE	
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER	
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION	

<b>SECTION 9: EXTERIOR</b>			
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	<b>TOW/ RECOVERY HOOKS</b>	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	<b>FRONT GRILL &amp; SURROUND COLOR</b>	BLACK	
9.5	<b>FRONT BUMPER OR FASCIA COLOR</b>	BLACK	
9.6	<b>CAB LIGHTS/ COLOR</b>	LED ROOF CLEARANCE LIGHTS/ AMBER	
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>			
10.1	<b>AIR BAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
10.4	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
10.5	<b>REAR VIEW CAMERA SYSTEM</b>	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION	
10.5.1	<b>ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE</b>		
10.5.2	<b>TYPE</b>	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO	
10.5.3	<b>MONITOR</b>	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING	
10.5.4	<b>CAMERA</b>	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING	
10.5.5	<b>WARRANTY</b>	MINIMUM (1) YEAR PARTS & LABOR	
10.6	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
10.7	<b>FIRE EXTINGUISHER</b>	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.8	<b>FIRST AID KIT</b>	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.9	<b>WHEEL CHOCKS</b>	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED	

**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUYERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE TWO (2) STEPS ON EACH BAR		

11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.3</b>	<b>TRAILER TOWING PACKAGE</b>		
11.3.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.3.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.3.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.3.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.3.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFTGATE		
<b>11.4</b>	<b>STROBE LIGHTS</b>		
11.4.1	<b>TYPE (FRONT):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING (FRONT):</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>TYPE (REAR):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED STROBE LIGHTS. MUST HAVE LIGHT GUARDS IF SURFACE MOUNTED		
11.4.4	<b>MOUNTING (REAR):</b> TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.5	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.6	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.7	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.5</b>	<b>LIGHT BAR</b>		
11.5.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.5.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE PERMANENTLY MOUNTED ON A BRACKET ATTACHED TO TOP OF BODY BULKHEAD. LIGHT BAR & BRACKET SHALL EXTEND OVER TRUCK CAB & SHALL NOT EXTEND REAR OF BODY BULKHEAD. LIGHT MUST BE ABOVE BULKHEAD AND HAVE 360 DEGREE VISIBILITY		
11.5.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.5.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.5.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.6</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LOW PROFILE AMBER LED SEQUENTIAL TRAFFIC ADVISOR (AKA: ARROW LIGHT)		
11.6.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED IN THE CENTER ABOVE THE FRONT BODY BULKHEAD		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: TRAFFIC ADVISOR		
11.6.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>SNOW PLOW</b>		
11.7.1	<b>TYPE:</b> BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.7.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.7.3	<b>BLADE WIDTH:</b> 102" MAXIMUM WIDTH		
11.7.4	<b>PLOWING WIDTH:</b> 88" MAXIMUM WIDTH @ FULL ANGLE		
11.7.5	<b>BLADE HEIGHT:</b> 31.5" MAXIMUM HEIGHT		
11.7.6	<b>MOLDBOARD:</b> 3/8" POLYETHYLENE		
11.7.7	<b>PLOW SHOES:</b> CAST IRON		
11.7.8	<b>TRIP:</b> FULL TRIP, FOUR (4) TRIP SPRINGS		
11.7.9	<b>ANGLE CYLINDERS:</b> 1-½" x 12"		
11.7.10	<b>CUTTING EDGE:</b> ½" x 6" HIGH CARBON STEEL		
11.7.11	<b>CONTROLS:</b> SHALL BE HANDHELD CONTROLER. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.7.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.7.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.7.14	<b>PLOW LIGHTS:</b> LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.7.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.7.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.7.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>SALT/ SAND SPREADER</b>		
11.8.1	<b>MODEL:</b> BOSS VBX9000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.8.2	<b>HOPPER CONSTRUCTION:</b> 3/16" DOUBLE WALL POLYETHYLENE		
11.8.3	<b>CAPACITY:</b> THREE (3) YARDS		
11.8.4	<b>HOPPER DIMENSIONS:</b> LENGTH: 107", OVERALL LENGTH: 122", HEIGHT: 49", WIDTH: 48"		
11.8.5	<b>SPREADING WIDTH:</b> 2-40 FT.		
11.8.6	<b>FEED RATE:</b> 2.3 CU. FT. PER MINUTE		
11.8.7	<b>POWER:</b> ELECTRIC MOTOR		

11.8.8	<b>FEED MOTOR:</b> 3/4 HP STAINLESS STEEL		
11.8.9	<b>GEARBOX:</b> PLANETARY GEARBOX		
11.8.10	<b>SPINNER GEARMOTOR:</b> 1/8 HP		
11.8.11	<b>SPINNER:</b> FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.8.12	<b>VIBRATORS:</b> VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.8.13	<b>TROUGH:</b> STAINLESS STEEL		
11.8.14	<b>WORK LIGHT(S):</b> MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.8.15	<b>BRAKE LIGHT:</b> SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.8.16	<b>TOP GRATE SCREEN:</b> HEAVY DUTY ONE PIECE SCREEN		
11.8.17	<b>LIFT POINT:</b> SHALL HAVE A SINGLE LIFT POINT		
11.8.18	<b>CONTROLS:</b> CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.19	<b>CONTROLS CONNECTOR &amp; POWER SUPPLY:</b> THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRE CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.8.20	<b>SECUREMENT:</b> SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.8.21	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.22	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.23	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.24	<b>WARRANTY:</b> TWO (2) YEAR PARTS AND LABOR		
11.8.25	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>STORAGE BOXES (UNDER BODY)</b>		
11.9.1	<b>TYPE:</b> TWO (2) WEATHERGARD MODEL 548-5-02 OR WMATA APPROVED EQUAL		
11.9.2	<b>COATING:</b> BOXES SHALL BE BLACK POWDERCOATED		
11.9.3	<b>MOUNTING:</b> ONE (1) 18" H x 18" W x 48" L, TOOL BOX SHALL BE MOUNTED TO THE TRUCK FRAME UNDER EACH SIDE OF BODY BETWEEN REAR OF CAB AND REAR AXLE		
11.9.4	<b>DOORS:</b> WEATHERTIGHT, MUST BE LOCKABLE & KEYED ALIKE, SIX (6) KEYS REQUIRED		

<b>11.10</b>	<b>HOIST</b>		
11.10.1	<b>TYPE:</b> CHAMPION OR WMATA APPROVED EQUAL CLASS D/40 SUBFRAME TYPE HOIST		
11.10.2	<b>POWER UNIT:</b> ELECTRIC-HYDRAULIC		
11.10.3	<b>COATING:</b> POWDER-COATED BLACK		
11.10.4	<b>CONTROLS:</b> IN CAB		
11.10.5	<b>HOIST SAFETY PROP:</b> YES		
11.10.6	<b>HOIST UP ALARM:</b> AUDIBLE ALARM & WARNING LIGHT IN CAB		
11.10.7	<b>ADDITIONAL FEATURES:</b> DOUBLE ACTING POWER UP/POWER DOWN ELECTRIC-HYDRAULIC LIFT FOR RAISING & LOWERING DUMP BODY		
11.10.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 12: BODY**

<b>12.1</b>	<b>STAKE DUMP BODY</b>		
12.1.1	<b>TYPE:</b> HEAVY DUTY FLAT BED BODY w/ STAKE SIDES AND REAR		
12.1.2	<b>COLOR:</b> ALL BODY PARTS, BULKHEAD, STAKE SIDES, TOOL BOXES SHALL BE BLACK		
12.1.3	<b>PLATFORM DIMENSIONS:</b> LENGTH 12 FT., WIDTH 96"		
12.1.4	<b>CONSTRUCTION:</b> SILLS: LONGITUDINAL SILLS OF STRUCTURAL STEEL CHANNEL 6". CROSSMEMBERS: 11 GA. ROLL FORMED C CHANNEL ON 13" CENTER AVERAGE. RAILS: 5-3/4" HIGH RAILS ROLL FORMED OF 11 GA. STEEL. STAKE POCKETS: REINFORCED w/ 12 GA. STEEL BOX WELDED INTO THE RAILS. DECK PLATE: STEEL 3/16" SAFETY TREAD PLATE WELDED TO CROSSMEMBERS. ALL BODY PARTS SHALL BE WELDED INTO ONE INTEGRAL UNIT		
12.1.5	<b>BULKHEAD:</b> CAB HEIGHT w/ HOLE PUNCHED OR MESH WINDOW. SHALL HAVE BRACKET ATTACHED TO TOP CENTER OF BULKHEAD FOR LED MINI LIGHT BAR MOUNTING. BRACKET SHALL EXTEND TOWARDS TRUCK CAB & SHALL NOT EXTEND REAR OF BULKHEAD.		
12.1.6	<b>STAKE RACKS:</b> CAB HEIGHT SIDE & REAR		
12.1.7	<b>REAR CORNERS:</b> 2" x 3" x 1/4" STRUCTURAL STEEL TUBING REAR CORNER POSTS MOUNTED IN 3/8" POCKET w/ 5/8" HITCH PIN FOR QUICK REMOVAL. REAR RACKS TO BE HINGED TO REAR CORNER POSTS		
12.1.8	<b>CARGO SECUREMENT:</b>		
12.1.8.1	SIX (6) HEAVY DUTY TIE DOWN RINGS RECESSED IN FLOOR. SHALL BE EQUALLY SPACED		
12.1.8.2	UNDER BODY SLIDING (WINCH) TIE DOWN CHANNEL w/ FIVE (5) S-LINE STORABLE WINCHES & 4" x 30 FT. TIE DOWN STRAPS		
12.1.9	<b>EXTERIOR LIGHTING:</b> SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.1.10	<b>VISIBILITY STRIPING:</b> SHALL HAVE ALTERNATING RED & WHITE REFLECTIVE TAPE INSTALLED ON SIDES & REAR OF BODY AND ON VERTICAL RAILS ON REAR STAKE RACKS		
12.1.11	<b>SPLASH SHIELDS:</b> HEAVY-DUTY, STEEL, BLACK POWDERCOATED, PLAIN (NO LOGO) MOUNTED IN FRONT OF REAR TIRES		
12.1.12	<b>MUD FLAPS:</b> PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.1.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 13: ADDITIONAL REQUIREMENTS**

<b>13.1</b>	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>13.2</b>	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
<b>13.3</b>	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		



**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)**



**SPLASH SHIELDS**

**LIGHT BRACKET**

**NERF BAR w/ INTEGRATED STEPS**



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 19**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

**STAKE BODY TRUCK, 1.5 TON**

**19A: FOR CMOR DEPT.**

**19B: FOR BMNT DEPT.**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, MATERIALS, TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND/OR TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD F-450 OR WMATA APPROVED EQUAL		
2.3	CAB/ BODY	TWO (2) DOOR CAB/ STAKE BODY		
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), DUAL REAR WHEELS (DRW)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

2.1	ENGINE TYPE, DISPLACEMENT	V8, 6.7L/ 406, INTERCOOLED TURBO DIESEL		
2.2	ENGINE SAE NET HORSEPOWER @ RPM	300 @ 2,800		
2.3	ENGINE SAE NET TORQUE @ RPM	660 @ 1,600		
2.4	FUEL SYSTEM TYPE	DIESEL, ELECTRONIC FUEL INJECTION		
2.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS		
2.6	TRANSMISSION TYPE	ELECTRONICALLY CONTROLLED 6 SPEED AUTOMATIC w/ OVERDRIVE		
2.7	TRANSMISSION COOLER	AUXILIARY EXTERNAL HEAVY DUTY AIR TO OIL		
2.8	TRANSFER CASE	ELECTRONICALLY CONTROLLED, SHIFT-ON-THE-FLY w/ AUTOMATIC HUBS		

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE			
4.1.1	COLD CRANKING AMPS: MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING			

4.2	<b>ALTERNATOR: HEAVY-DUTY</b>			
4.2.1	<b>OUTPUT AMPERAGE:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			
<b>SECTION 5: WEIGHT RATINGS</b>				
5.1	<b>FRONT GAWR</b>	5,600 LBS.		
5.2	<b>REAR GAWR</b>	12,000 LBS.		
5.3	<b>GVWR</b>	16,500 LBS.		
5.4	<b>TRAILERING CAPACITY</b>	15,000 LBS.		
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
<b>SECTION 6: CHASSIS</b>				
6.1	<b>SUSPENSION TYPE, FRONT</b>	STANDARD FOR VEHICLE SPECIFIED		
6.2	<b>SUSPENSION TYPE, REAR</b>	MULTI LEAF		
6.3	<b>TIRES, FRONT</b>	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS		
6.4	<b>TIRES, REAR</b>	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS		
6.5	<b>WHEELS, FRONT &amp; REAR</b>	GRAY OR SILVER STEEL WHEELS		
6.6	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD FOR VEHICLE SPECIFIED		
6.7	<b>STEERING TYPE</b>	POWER ASSISTED		
6.8	<b>BRAKE SYSTEM TYPE</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
<b>SECTION 7: DIMENSIONS</b>				
7.1	<b>WHEEL BASE</b>	165.0"		
7.2	<b>CAB TO AXLE</b>	84"		
7.3	<b>WIDTH</b>	93.9" WITHOUT MIRRORS		
<b>SECTION 8: INTERIOR</b>				
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	THREE (3)/ SINGLE ROW		
8.2	<b>SEATING</b>			
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL		
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE		
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS		
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING		
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS		
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING		
8.11	<b>DOOR LOCKS</b>	OEM FACTORY INSTALLED POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	OEM FACTORY INSTALLED POWER WINDOWS		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER		



8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		
<b>SECTION 9: EXTERIOR</b>				
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		EXTENDABLE TOW TYPE		
9.2.4		INTEGRATED BLIND SPOT MIRRORS		
9.3	<b>TOW/ RECOVERY HOOKS</b>	TWO (2) FRONT, FRAME MOUNTED, BLACK		
9.4	<b>FRONT GRILL &amp; SURROUND COLOR</b>	BLACK		
9.5	<b>FRONT BUMPER OR FASCIA COLOR</b>	BLACK		
9.6	<b>CAB LIGHTS/ COLOR</b>	LED ROOF CLEARANCE LIGHTS/ AMBER		
9.7	<b>UNDERBODY SHIELD(S)</b>	TRANSFER CASE		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	<b>AIR BAGS</b>			
10.1.1		DRIVER & PASSENGER, FRONT		
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS		
10.1.3		SAFETY CANOPY SIDE CURTAIN		
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED		
10.4	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.5	<b>REAR VIEW CAMERA SYSTEM</b>	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION		
10.5.1	<b>ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE</b>			
10.5.2	<b>TYPE</b>	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO		
10.5.3	<b>MONITOR</b>	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING		
10.5.4	<b>CAMERA</b>	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING		
10.5.5	<b>WARRANTY</b>	MINIMUM (1) YEAR PARTS & LABOR		
10.6	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
10.7	<b>FIRE EXTINGUISHER</b>	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.8	<b>FIRST AID KIT</b>	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.9	<b>WHEEL CHOCKS</b>	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED		

**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		

<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE ONE (1) STEP ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.3</b>	<b>TRAILER TOWING PACKAGE</b>		
11.3.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.3.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.3.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.3.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.3.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFTGATE		
<b>11.4</b>	<b>STROBE LIGHTS</b>		
11.4.1	<b>TYPE (FRONT):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING (FRONT):</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>TYPE (REAR):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED STROBE LIGHTS. MUST HAVE LIGHT GUARDS IF SURFACE MOUNTED		
11.4.4	<b>MOUNTING (REAR):</b> TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.5	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.6	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.7	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

<b>11.5</b>	<b>LIGHT BAR (ITEM 19B ONLY)</b>		
11.5.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.5.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE PERMANENTLY MOUNTED ON A BRACKET ATTACHED TO TOP OF BODY BULKHEAD. LIGHT BAR & BRACKET SHALL EXTEND OVER TRUCK CAB & SHALL NOT EXTEND REAR OF BODY BULKHEAD. LIGHT MUST BE ABOVE BULKHEAD AND HAVE 360 DEGREE VISIBILITY		
11.5.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.5.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.6</b>	<b>SNOW PLOW (ITEM 19B ONLY)</b>		
11.6.1	<b>TYPE:</b> BOSS SUPER-DUTY STRAIGHT BLADE w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL		
11.6.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE SAMPLE PICTURE(S) AT END OF SPECS		
11.6.3	<b>BLADE WIDTH:</b> 102" MAXIMUM WIDTH		
11.6.4	<b>PLOWING WIDTH:</b> 88" MAXIMUM WIDTH @ FULL ANGLE		
11.6.5	<b>BLADE HEIGHT:</b> 31.5" MAXIMUM HEIGHT		
11.6.6	<b>MOLDBOARD:</b> 3/8" POLYETHYLENE. COLOR SHALL BE RED, ORANGE OR YELLOW		
11.6.7	<b>PLOW SHOES:</b> CAST IRON		
11.6.8	<b>TRIP:</b> FULL TRIP, FOUR (4) TRIP SPRINGS		
11.6.9	<b>ANGLE CYLINDERS:</b> 1-½" x 12"		
11.6.10	<b>CUTTING EDGE:</b> ½" x 6" HIGH CARBON STEEL		
11.6.11	<b>CONTROLS:</b> SOLENOID JOYSTICK w/ PLUG-IN CONNECTOR. WMATA MUST APPROVE INSTALLATION LOCATION		
11.6.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.6.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.6.14	<b>PLOW LIGHTS:</b> HALOGEN w/ WATER-TIGHT HOUSINGS		
11.6.15	<b>DELIVERY CONDITIONS:</b> PLOW MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.6.16	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.6.17	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>SALT/ SAND SPREADER (ITEM 19B ONLY)</b>		
11.7.1	<b>MODEL:</b> BOSS VBX9000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.7.2	<b>HOPPER CONSTRUCTION:</b> 3/16" DOUBLE WALL POLYETHYLENE		
11.7.3	<b>CAPACITY:</b> THREE (3) YARDS		
11.7.4	<b>HOPPER DIMENSIONS:</b> LENGTH: 107", OVERALL LENGTH: 122", HEIGHT: 49", WIDTH: 48"		
11.7.5	<b>SPREADING WIDTH:</b> 2-40 FT.		
11.7.6	<b>FEED RATE:</b> 2.3 CU. FT. PER MINUTE		
11.7.7	<b>POWER:</b> ELECTRIC MOTOR		
11.7.8	<b>FEED MOTOR:</b> 3/4 HP STAINLESS STEEL		
11.7.9	<b>GEARBOX:</b> PLANETARY GEARBOX		
11.7.10	<b>SPINNER GEARMOTOR:</b> 1/8 HP		
11.7.11	<b>SPINNER:</b> FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		



11.7.12	<b>VIBRATORS:</b> VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.7.13	<b>TROUGH:</b> STAINLESS STEEL		
11.7.14	<b>WORK LIGHT(S):</b> MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.7.15	<b>BRAKE LIGHT:</b> SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.7.16	<b>TOP GRATE SCREEN:</b> HEAVY DUTY ONE PIECE SCREEN		
11.7.17	<b>LIFT POINT:</b> SHALL HAVE A SINGLE LIFT POINT		
11.7.18	<b>CONTROLS:</b> CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.7.19	<b>CONTROLS CONNECTOR &amp; POWER SUPPLY:</b> THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRED CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.7.20	<b>SECUREMENT:</b> SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.7.21	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.22	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.23	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.7.24	<b>WARRANTY:</b> TWO (2) YEAR PARTS AND LABOR		
11.7.25	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>LIFT GATE (ITEM 19A ONLY)</b>		
11.8.1	<b>TYPE:</b> THIEMAN STOWAWAY MODEL LST30, WALTCO FLIPAWAY E-30RM OR WMATA APPROVED EQUAL		
11.8.2	<b>CAPACITY:</b> MIN. 3,000 LBS		
11.8.3	<b>OPERATION:</b> ELECTRIC BATTERY		
11.8.4	<b>CONTROLS:</b> TOGGLE SWITCH OR PUSH BUTTON		
11.8.5	<b>MASTER POWER SWITCH:</b> POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.8.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		

11.8.7	<b>PLATFORM DIMENSIONS:</b> APPROXIMATELY 72"W x 36"D PLUS 6" RAMP		
11.8.8	<b>PLATFORM MATERIAL:</b> DIAMOND PLATE STEEL		
11.8.9	<b>OTHER FEATURES:</b> BUILT IN LIGHT & LICENSE PLATE POCKETS, REAR IMPACT GUARD, 150 AMP CIRCUIT PROTECTION, DUAL SPRING ASSIST, STEEL DOCK BUMPER w/ STEP & RUBBER PADS		
11.8.10	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.11	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.8.12	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>STORAGE BOXES (UNDER BODY)</b>		
11.9.1	<b>TYPE:</b> TWO (2) WEATHERGARD MODEL 536-5-02 OR WMATA APPROVED EQUAL		
11.9.2	<b>COATING:</b> BOXES SHALL BE BLACK POWDERCOATED		
11.9.3	<b>MOUNTING:</b> ONE (1) 18" H x 18" W x 36" L, TOOL BOX SHALL BE MOUNTED TO THE TRUCK FRAME UNDER EACH SIDE OF BODY BETWEEN REAR OF CAB AND REAR AXLE		
11.9.4	<b>DOORS:</b> WEATHERTIGHT, MUST BE LOCKABLE & KEYED ALIKE, SIX (6) KEYS REQUIRED		
<b>SECTION 12: BODY</b>			
<b>12.0</b>	<b>STAKE BODY</b>		
12.1.1	<b>TYPE:</b> HEAVY DUTY FLAT BED BODY w/ STAKE SIDES AND REAR		
12.1.2	<b>COLOR:</b> ALL BODY PARTS, BULKHEAD, STAKE SIDES, TOOL BOXES SHALL BE BLACK		
12.1.3	<b>PLATFORM DIMENSIONS:</b> LENGTH 12 FT., WIDTH 96"		
12.1.4	<b>CONSTRUCTION:</b> SILLS: LONGITUDINAL SILLS OF STRUCTURAL STEEL CHANNEL 6". CROSSMEMBERS: 11 GA. ROLL FORMED C CHANNEL ON 13" CENTER AVERAGE. RAILS: 5-3/4" HIGH RAILS ROLL FORMED OF 11 GA. STEEL. STAKE POCKETS: REINFORCED w/ 12 GA. STEEL BOX WELDED INTO THE RAILS. DECK PLATE: STEEL 3/16" SAFETY TREAD PLATE WELDED TO CROSSMEMBERS. ALL BODY PARTS SHALL BE WELDED INTO ONE INTEGRAL UNIT		
12.1.5	<b>BULKHEAD:</b> CAB HEIGHT w/ HOLE PUNCHED OR MESH WINDOW. SHALL HAVE BRACKET ATTACHED TO TOP CENTER OF BULKHEAD FOR LED MINI LIGHT BAR MOUNTING. BRACKET SHALL EXTEND TOWARDS TRUCK CAB & SHALL NOT EXTEND REAR OF BULKHEAD.		
12.1.6	<b>STAKE RACKS:</b> CAB HEIGHT SIDE & REAR		
12.1.7	<b>REAR CORNERS:</b> 2" x 3" x 1/4" STRUCTURAL STEEL TUBING REAR CORNER POSTS MOUNTED IN 3/8" POCKET w/ 5/8" HITCH PIN FOR QUICK REMOVAL. REAR RACKS TO BE HINGED TO REAR CORNER POSTS		
12.1.8	<b>CARGO SECUREMENT:</b>		
12.1.8.1	SIX (6) HEAVY DUTY TIE DOWN RINGS RECESSED IN FLOOR. SHALL BE EQUALLY SPACED		
12.1.8.2	UNDER BODY SLIDING (WINCH) TIE DOWN CHANNEL w/ FIVE (5) S-LINE STORABLE WINCHES & 4" x 30 FT. TIE DOWN STRAPS		
12.1.9	<b>EXTERIOR LIGHTING:</b> SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.1.10	<b>VISIBILITY STRIPING:</b> SHALL HAVE ALTERNATING RED & WHITE REFLECTIVE TAPE INSTALLED ON SIDES & REAR OF BODY AND ON VERTICAL RAILS ON REAR STAKE RACKS. NONE ON REAR OF PLATFORM OF <b>ITEM 19B</b> (EQUIPPED WITH CHEVRON)		
12.1.11	<b>SPLASH SHIELDS:</b> HEAVY-DUTY, STEEL, BLACK POWDERCOATED, PLAIN (NO LOGO) MOUNTED IN FRONT OF REAR TIRES		
12.1.12	<b>MUD FLAPS:</b> PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.1.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

12.2	<b>CHEVRON DESIGN REFLECTIVE DECALING (ITEM 19B ONLY)</b>		
12.2.1	<b>SCOPE:</b> BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF BODY PLATFORM FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.2.2	<b>DESIGN:</b> BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.2.3	<b>MATERIALS (SIX INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, SIX (6) INCH WIDTH, ITEM NUMBER 983236.00, PART NUMBER 75030162186. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, SIX (6) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680856.00		
12.2.4	<b>INSTALLATION:</b> BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
12.2.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.2.6	<b>WARRANTY:</b> BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		

**SECTION 13: ADDITIONAL REQUIREMENTS**

13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)**



**LIGHT BRACKET**



**CHEVRON**



**SPLASH SHIELDS**





**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 18**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

**UTILITY TRUCK, 1.5 TON, CREW CAB**

**w/ LIFT GATE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A		B
	SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	FORD F-450 OR WMATA APPROVED EQUAL	
2.3	CAB/ BODY	FOUR (4) DOOR CAB/ OPEN UTILITY BODY	
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), DUAL REAR WHEELS (DRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V10, 6.8L/ 415	
3.2	ENGINE SAE NET HORSEPOWER	288 @ 4,000 RPM	
3.3	ENGINE SAE NET TORQUE	424 @ 3,000 RPM	
3.4	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS	
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	
3.7	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER	
3.8	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)	

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE		
4.1.1	<b>COLD CRANKING AMPS:</b> MIN. 750 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE		
4.1.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING		

4.2	<b>ALTERNATOR: HEAVY-DUTY</b>			
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 240A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			
<b>SECTION 5: WEIGHT RATINGS</b>				
5.1	<b>FRONT GAWR</b>	5,200 LBS.		
5.2	<b>REAR GAWR</b>	12,000 LBS.		
5.3	<b>GVWR</b>	16,500 LBS.		
5.4	<b>TRAILERING CAPACITY</b>	17,500 LBS.		
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
<b>SECTION 6: CHASSIS</b>				
6.1	<b>SUSPENSION, FRONT</b>	TWIN-COIL MONOBEAM		
6.2	<b>SUSPENSION, REAR</b>	SOLID AXLE w/ LEAF SPRINGS		
6.3	<b>REAR AXLE</b>	LIMITED SLIP		
6.4	<b>TIRES, FRONT</b>	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS		
6.5	<b>TIRES, REAR</b>	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS		
6.6	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS		
6.7	<b>STEERING</b>	POWER ASSISTED		
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
<b>SECTION 7: DIMENSIONS</b>				
7.1	<b>WHEELBASE</b>	176.0"		
7.2	<b>CAB TO AXLE</b>	60.0"		
<b>SECTION 8: INTERIOR</b>				
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3		
8.2	<b>SEATING</b>			
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL		
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE		
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS		
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING		
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS		
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING		
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK	
9.6	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.7	UNDERBODY SHIELD(S)	TRANSFER CASE	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	REAR VIEW CAMERA SYSTEM	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION	
10.5.1	ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE		
10.5.2	TYPE	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO	
10.5.3	MONITOR	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING	
10.5.4	CAMERA	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING	
10.5.5	WARRANTY	MINIMUM (1) YEAR PARTS & LABOR	
10.6	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
10.7	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.8	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.9	WHEEL CHOCKS	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED	



**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		

<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.3</b>	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.3.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.3.2	<b>COLOR:</b> BLACK		
11.3.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BODY		
<b>11.4</b>	<b>TRAILER TOWING PACKAGE</b>		
11.4.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.4.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.4.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.4.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.4.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.4.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFTGATE		
<b>11.5</b>	<b>STROBE LIGHTS</b>		
11.5.1	<b>TYPE (FRONT):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.5.2	<b>MOUNTING (FRONT):</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.5.3	<b>TYPE (REAR):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED STROBE LIGHTS. MUST HAVE LIGHT GUARDS IF SURFACE MOUNTED		
11.5.4	<b>MOUNTING (REAR):</b> TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.5	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.6	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.5.7	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.6	<b>LIFT GATE</b>		
11.6.1	<b>MODEL:</b> THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.6.2	<b>CAPACITY:</b> 1,500 LBS		
11.6.3	<b>OPERATION:</b> ELECTRIC BATTERY		
11.6.4	<b>CONTROLS ON LIFT GATE:</b> SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.6.5	<b>MASTER POWER SWITCH:</b> POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.6.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.6.7	<b>PLATFORM DIMENSIONS:</b> APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		
11.6.8	<b>MOUNTING STANDARDS:</b> LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.6.9	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.10	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.6.11	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.6.12	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.6.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 12: BODY**

12.2	<b>OPEN UTILITY BODY</b>		
12.2.1	<b>MODEL:</b> OMAHA STANDARD, KNAPHEIDE, READING SPACE MASTER OR WMATA APPROVED EQUAL		
12.2.2	<b>DIMENSIONS:</b> LENGTH: 108", WIDTH: 90", COMPARTMENT DEPTH: 20"		
12.2.3	<b>COLOR:</b> SOLID WHITE TO MATCH CAB		
12.2.4	<b>BODY CONSTRUCTION:</b> CORROSION RESISTANT ZINC COATED GALVANIZED STEEL. UNDER SIDE OF BODY WELDS SHALL BE REINFORCED AS NOT TO ALLOW FOR SEPARATION OR WELD BREAKAGE FROM BODY WEIGHT NEAR CROSS BEAMS. MIN. 12 GA. TREAD PLATE STEEL FLOOR. FULLY WELDED UNDERBODY, MIN. 7 GA. CHANNELS. COMPLETE BODY SHALL BE ELECTRICALLY WELDED GALVANIZED STEEL		
12.2.5	<b>COATING:</b> BODY SHALL BE COMPLETELY UNDERCOATED. ALL WELDS, SEAMS & JOINTS SHALL BE SEALED w/ 3M BRAND SEAM SEALER OR EQUIVALENT & BODY ELECTROSTATIC DIPPED IN PRIMER, THEN SPRAYED w/ TWO COATS OF PAINT TO MATCH TRUCK CAB. THIS INCLUDES INSIDE THE BODY & ALL COMPARTMENTS. POWDERCOATING IS AN ACCEPTABLE EQUIVILENT		
12.2.6	<b>CARGO AREA COATING:</b> RHINO-LINER, LINE-X OR SIMILAR PRODUCT SHALL BE SPRAYED ON THE ENTIRE CARGO AREA FLOOR, WALLS, FRONT BULKHEAD. COATING MUST BE WATERTIGHT BETWEEN BODY & LINING		
12.2.7	<b>COMPARTMENT LAYOUT:</b> CURBSIDE: ONE VERTICAL, TWO HORIZONTAL. STREET SIDE: TWO VERTICAL, ONE HORIZONTAL. SEE SAMPLE PICTURE(S) ON LAST PAGE		
12.2.8	<b>COMPARTMENTS:</b> ALL SHELVING & HOOKS MOUNTED ON UNI-TRAC VERTICAL MOUNTING SYSTEM TO ALLOW FOR INTERCHANGING LOCATIONS		

12.2.9	COMPARTMENT SHELVING: GALVANNEAL STEEL, ADJUSTABLE SHELVING IN ALL VERTICAL COMPARTMENTS w/ DIVIDERS. COMPARTMENT SHELVING: THREE PULL OUT SHELVES w/ FIVE DIVIDERS PER SHELF. HORIZONTAL COMPARTMENT SHELVING: ONE SHELF w/ TEN DIVIDERS		
12.2.10	COMPARTMENT DOOR OPENINGS: ALL SHALL HAVE WATER GUARDS TO KEEP WATER OUT OF THE COMPARTMENTS		
12.2.11	COMPARTMENT DOORS: GALVANNEAL STEEL, DOUBLE PANEL, LAPPED OR ROLLED EDGES, STAINLESS STEEL HINGES HIDDEN WHEN DOORS ARE CLOSED, WEATHERTIGHT SEALS, GAS TYPE STRUTS ON ALL VERTICAL DOORS, COATED CABLES OR CHAINS ON ALL HORIZONTAL DOORS		
12.2.12	DOOR HANDLES: FLUSH MOUNT, STAINLESS STEEL		
12.2.13	DOOR LOCKS: WEATHER PROTECTED LOCKS ON ALL DOORS & KEYED ALIKE		
12.2.14	CARGO SECUREMENT: SIX (6) D-RING TIE DOWNS RECESS MOUNTED ON CARGO AREA FLOOR EVENLY SPACED		
12.2.15	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.2.16	WHEEL CHOCK STORAGE: STORAGE AREA FOR FOUR (4) WHEEL CHOCKS IN BODY WHEEL WELL PANELS		
12.2.17	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.2.18	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>12.3</b>	<b>INTERIOR BODY LIGHTING</b>		
12.3.1	COMPARTMENT LIGHTING: OUTSIDE COMPARTMENTS SHALL HAVE AMERICAN LIGHTING OR WMATA APPROVED EQUAL 12 VOLT ROPE LIGHTS MOUNTED AROUND ENTIRE PERIMETER OF EACH BOX w/ POWER SWITCH. LIGHTING SHALL BE IN RUBBER ENCASING FOR PROTECTION. SHALL HAVE AVERAGE LIFESPAN OF 60,000 HOURS MINIMUM. ENTIRE LENGTH OF LIGHTS MUST BE SECURED w/ MOUNTING CLAMPS AND SCREWS. ADHESIVE BACKED MOUNTING PADS ARE NOT ACCEPTABLE. CLAMP SPACING MAXIMUM 12 INCHES APART		
12.3.2	CARGO AREA LIGHTING: FOUR (4) 4" FLUSH MOUNTED WHITE LED LIGHTS w/ LIGHT GUARDS SHALL BE MOUNTED ON BODY INTERIOR SIDE WALLS. ALL LIGHTS SHALL BE OPERATED FROM A SINGLE SWITCH		
12.3.3	MASTER CONTROL SWITCH: ALL COMPARTMENT AND CARGO LIGHTING SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INTERIOR BODY LIGHTS		
12.3.4	WARNING LIGHT: SHALL BE EQUIPPED WITH A WARNING LIGHT IN THE CAB TO ALERT THE OPERATOR WHEN THE MASTER CONTROL SWITCH IS SWITCHED ON		
12.3.5	INSTALLATION: OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES		
14.4	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)**

**COMPARTMENT CONFIGURATION**



**LIGHT BAR MOUNT**



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 17**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

**UTILITY TRUCK, 1.0 TON, CREW CAB**

**w/ LIFT GATE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*December 7, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	
SPECIFICATION		B MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD F-350 OR WMATA APPROVED EQUAL
2.3	CAB/ BODY	FOUR (4) DOOR CAB/ OPEN UTILITY BODY
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), DUAL REAR WHEELS (DRW)
2.5	VEHICLE PAINT COLOR	SOLID WHITE
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V10, 6.8L/ 415
3.2	ENGINE SAE NET HORSEPOWER	288 @ 4,000 RPM
3.3	ENGINE SAE NET TORQUE	424 @ 3,000 RPM
3.4	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.5	FUEL TANK QUANTITY, CAPACITY	ONE (1), 40 GALLONS
3.6	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC
3.7	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER
3.8	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 750 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	



4.2	<b>ALTERNATOR: HEAVY-DUTY</b>			
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 240A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			
<b>SECTION 5: WEIGHT RATINGS</b>				
5.1	<b>FRONT GAWR</b>	5,200 LBS.		
5.2	<b>REAR GAWR</b>	10,040 LBS.		
5.3	<b>GVWR</b>	14,000 LBS.		
5.4	<b>TRAILERING CAPACITY</b>	15,000 LBS.		
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
<b>SECTION 6: CHASSIS</b>				
6.1	<b>SUSPENSION, FRONT</b>	TWIN-COIL MONOBEAM		
6.2	<b>SUSPENSION, REAR</b>	SOLID AXLE w/ LEAF SPRINGS		
6.3	<b>REAR AXLE</b>	LIMITED SLIP		
6.4	<b>TIRES, FRONT</b>	225/70R 19.5, ALL SEASON RADIAL, CONVENTIONAL HIGHWAY TREAD w/ BLACK SIDE WALLS		
6.5	<b>TIRES, REAR</b>	225/70R 19.5, MUD & SNOW TRACTION TREAD w/ BLACK SIDE WALLS		
6.6	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS		
6.7	<b>STEERING</b>	POWER ASSISTED		
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
<b>SECTION 7: DIMENSIONS</b>				
7.1	<b>WHEELBASE</b>	176.0"		
7.2	<b>CAB TO AXLE</b>	60.0"		
<b>SECTION 8: INTERIOR</b>				
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3		
8.2	<b>SEATING</b>			
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL		
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE		
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS		
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING		
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS		
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING		
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		



SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK	
9.6	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.7	UNDERBODY SHIELD(S)	TRANSFER CASE	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	REAR VIEW CAMERA SYSTEM	OEM CAMERA (INCLUDING PREP KIT) THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE. SHALL INCLUDE WIRING HARNESS EXTENSION TO ALLOW CAMERA MOUNTING AFTER BODY INSTALLATION	
10.5.1	ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE		
10.5.2	TYPE	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO	
10.5.3	MONITOR	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING	
10.5.4	CAMERA	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING	
10.5.5	WARRANTY	MINIMUM (1) YEAR PARTS & LABOR	
10.6	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
10.7	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.8	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.9	WHEEL CHOCKS	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED	

**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (CAB & CHASSIS TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR BY THE TRUCK BED OR BODY THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. THE OTHER OPTION WOULD BE TO MOUNT THE READER IN CLOSE PROXIMITY TO THE DOOR JAM OR SEAT ON FUELING SIDE OF VEHICLE. MOUNTING OF EQUIPMENT SHALL NOT INTERFERE WITH ENTRY OR EXITING OF VEHICLE OR OPERATION OF ANY EQUIPMENT, UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		

<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.3</b>	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.3.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.3.2	<b>COLOR:</b> BLACK		
11.3.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BODY		
<b>11.4</b>	<b>TRAILER TOWING PACKAGE</b>		
11.4.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.4.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.4.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.4.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.4.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.4.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFTGATE		
<b>11.5</b>	<b>STROBE LIGHTS (ITEM 17B ONLY)</b>		
11.5.1	<b>TYPE (FRONT):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.5.2	<b>MOUNTING (FRONT):</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.5.3	<b>TYPE (REAR):</b> WHELEN OR WMATA APPROVED EQUAL AMBER HIGH INTENSITY LED STROBE LIGHTS. MUST HAVE LIGHT GUARDS IF SURFACE MOUNTED		
11.5.4	<b>MOUNTING (REAR):</b> TWO (2) LIGHTS MOUNTED IN THE REAR BODY AREA MID-HEIGHT & AS WIDE APART AS POSSIBLE		
11.5.5	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.5.6	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.5.7	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

<b>11.6</b>	<b>LIFT GATE</b>		
11.6.1	<b>MODEL:</b> THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.6.2	<b>CAPACITY:</b> 1,500 LBS		
11.6.3	<b>OPERATION:</b> ELECTRIC BATTERY		
11.6.4	<b>CONTROLS ON LIFT GATE:</b> SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.6.5	<b>MASTER POWER SWITCH:</b> POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.6.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.6.7	<b>PLATFORM DIMENSIONS:</b> APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		
11.6.8	<b>MOUNTING STANDARDS:</b> LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.6.9	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.10	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.6.11	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.6.12	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.6.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>POWER INVERTER (ITEM 17B ONLY)</b>		
11.7.1	<b>TYPE:</b> 12 VDC INPUT VOLTAGE TO 120 VAC OUTPUT VOLTAGE. 3,500 WATT OUTPUT POWER. INVERTER SHALL BE UL CERTIFIED		
11.7.2	<b>MOUNTING:</b> INVERTER SHALL BE MOUNTED IN CURB SIDE, FRONT BODY COMPARTMENT. MUST BE WELL VENTED, EASILY ACCESSIBLE AND WEATHER RESISTANT AREA		
11.7.3	<b>BATTERY:</b> BIDDER SHALL PROVIDE PROPER SUPPORT SYSTEM w/ ABSORBED GLASS MAT (AGM) DEEP CYCLE BATTERY, OEM DESIGNATED CABLES & CIRCUIT PROTECTION. BATTERY SHALL BE CHARGED BY THE VEHICLE CHARGING CIRCUIT AND SHALL BE MOUNTED IN CURB SIDE, FRONT BODY COMPARTMENT. MUST BE WELL VENTED, EASILY ACCESSIBLE AND WEATHER RESISTANT AREA		
11.7.4	<b>RECEPTACLES:</b> SHALL INCLUDE 20 AMP, 120 VOLT GFCI PROTECTED OUTLETS INSTALLED & WIRED TO INVERTER. EXTERIOR OUTLETS SHALL BE WEATHER PROTECTED AND INCLUDE COVER/DOOR. FINAL MOUNTING LOCATION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.7.5	ONE (1) MOUNTED ON LEFT SIDE REAR OF BODY		
11.7.6	ONE (1) MOUNTED ON RIGHT SIDE REAR OF BODY		
11.7.7	<b>CONTROL SWITCH:</b> INVERTER SHALL BE ACTIVE ONLY WHEN THE VEHICLE ENGINE IS RUNNING. POWER TO THE INVERTER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INVERTER		
11.7.8	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE INVERTER IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: INVERTER POWER		

11.7.9	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>SECTION 12: BODY</b>			
<b>12.2</b>	<b>OPEN UTILITY BODY</b>		
12.2.1	MODEL: OMAHA STANDARD, KNAPHEIDE, READING SPACE MASTER OR WMATA APPROVED EQUAL		
12.2.2	DIMENSIONS: LENGTH: 108", WIDTH: 90", COMPARTMENT DEPTH: 20"		
12.2.3	COLOR: SOLID WHITE TO MATCH CAB		
12.2.4	BODY CONSTRUCTION: CORROSION RESISTANT ZINC COATED GALVANIZED STEEL. UNDER SIDE OF BODY WELDS SHALL BE REINFORCED AS NOT TO ALLOW FOR SEPARATION OR WELD BREAKAGE FROM BODY WEIGHT NEAR CROSS BEAMS. MIN. 12 GA. TREAD PLATE STEEL FLOOR. FULLY WELDED UNDERBODY, MIN. 7 GA. CHANNELS. COMPLETE BODY SHALL BE ELECTRICALLY WELDED GALVANIZED STEEL		
12.2.5	COATING: BODY SHALL BE COMPLETELY UNDERCOATED. ALL WELDS, SEAMS & JOINTS SHALL BE SEALED w/ 3M BRAND SEAM SEALER OR EQUIVALENT & BODY ELECTROSTATIC DIPPED IN PRIMER, THEN SPRAYED w/ TWO COATS OF PAINT TO MATCH TRUCK CAB. THIS INCLUDES INSIDE THE BODY & ALL COMPARTMENTS. POWDERCOATING IS AN ACCEPTABLE EQUIVILENT		
12.2.6	CARGO AREA COATING: RHINO-LINER, LINE-X OR SIMILAR PRODUCT SHALL BE SPRAYED ON THE ENTIRE CARGO AREA FLOOR, WALLS, FRONT BULKHEAD. COATING MUST BE WATERTIGHT BETWEEN BODY & LINING		
12.2.7	COMPARTMENT LAYOUT: CURBSIDE: ONE VERTICAL, TWO HORIZONTAL. STREET SIDE: TWO VERTICAL, ONE HORIZONTAL. SEE SAMPLE PICTURE(S) ON LAST PAGE		
12.2.8	COMPARTMENTS: ALL SHELVING & HOOKS MOUNTED ON UNI-TRAC VERTICAL MOUNTING SYSTEM TO ALLOW FOR INTERCHANGING LOCATIONS		
12.2.9	COMPARTMENT SHELVING: GALVANNEAL STEEL, ADJUSTABLE SHELVING IN ALL VERTICAL COMPARTMENTS w/ DIVIDERS. COMPARTMENT SHELVING: THREE PULL OUT SHELVES w/ FIVE DIVIDERS PER SHELF. HORIZONTAL COMPARTMENT SHELVING: ONE SHELF w/ TEN DIVIDERS		
12.2.10	COMPARTMENT DOOR OPENINGS: ALL SHALL HAVE WATER GUARDS TO KEEP WATER OUT OF THE COMPARTMENTS		
12.2.11	COMPARTMENT DOORS: GALVANNEAL STEEL, DOUBLE PANEL, LAPPED OR ROLLED EDGES, STAINLESS STEEL HINGES HIDDEN WHEN DOORS ARE CLOSED, WEATHERTIGHT SEALS, GAS TYPE STRUTS ON ALL VERTICAL DOORS, COATED CABLES OR CHAINS ON ALL HORIZONTAL DOORS		
12.2.12	DOOR HANDLES: FLUSH MOUNT, STAINLESS STEEL		
12.2.13	DOOR LOCKS: WEATHER PROTECTED LOCKS ON ALL DOORS & KEYED ALIKE		
12.2.14	CARGO SECUREMENT: SIX (6) D-RING TIE DOWNS RECESS MOUNTED ON CARGO AREA FLOOR EVENLY SPACED		
12.2.15	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS & SHALL UTILIZE LIGHT GUARDS TO PROTECT THEM FROM DAMAGE		
12.2.16	WHEEL CHOCK STORAGE: STORAGE AREA FOR FOUR (4) WHEEL CHOCKS IN BODY WHEEL WELL PANELS		
12.2.17	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.2.18	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

<b>12.3</b>	<b>INTERIOR BODY LIGHTING</b>		
12.3.1	COMPARTMENT LIGHTING: OUTSIDE COMPARTMENTS SHALL HAVE AMERICAN LIGHTING OR WMATA APPROVED EQUAL 12 VOLT ROPE LIGHTS MOUNTED AROUND ENTIRE PERIMETER OF EACH BOX w/ POWER SWITCH. LIGHTING SHALL BE IN RUBBER ENCASING FOR PROTECTION. SHALL HAVE AVERAGE LIFESPAN OF 60,000 HOURS MINIMUM. ENTIRE LENGTH OF LIGHTS MUST BE SECURED w/ MOUNTING CLAMPS AND SCREWS. ADHESIVE BACKED MOUNTING PADS ARE NOT ACCEPTABLE. CLAMP SPACING MAXIMUM 12 INCHES APART		
12.3.2	CARGO AREA LIGHTING: FOUR (4) 4" FLUSH MOUNTED WHITE LED LIGHTS w/ LIGHT GUARDS SHALL BE MOUNTED ON BODY INTERIOR SIDE WALLS. ALL LIGHTS SHALL BE OPERATED FROM A SINGLE SWITCH		
12.3.3	MASTER CONTROL SWITCH: ALL COMPARTMENT AND CARGO LIGHTING SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INTERIOR BODY LIGHTS		
12.3.4	WARNING LIGHT: SHALL BE EQUIPPED WITH A WARNING LIGHT IN THE CAB TO ALERT THE OPERATOR WHEN THE MASTER CONTROL SWITCH IS SWITCHED ON		
12.3.5	INSTALLATION: OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>12.4</b>	<b>CHEVRON DESIGN REFLECTIVE DECALING (ITEM 17B ONLY)</b> (REFERENCE PHOTO ATTACHED)		
12.4.1	<b>SCOPE:</b> BIDDER SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE <b>REAR OF VEHICLE BODY &amp; LIFTGATE</b> FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.4.2	<b>DESIGN:</b> BIDDER MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.4.3	<b>MATERIALS (SIX INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, SIX (6) INCH WIDTH, ITEM NUMBER 983236.00, PART NUMBER 75030162186. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, SIX (6) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680856.00		
12.4.4	<b>INSTALLATION:</b> BIDDER SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
12.4.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.4.6	<b>WARRANTY:</b> BIDDER SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
<b>13.1</b>	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>13.2</b>	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
<b>13.3</b>	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		



**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

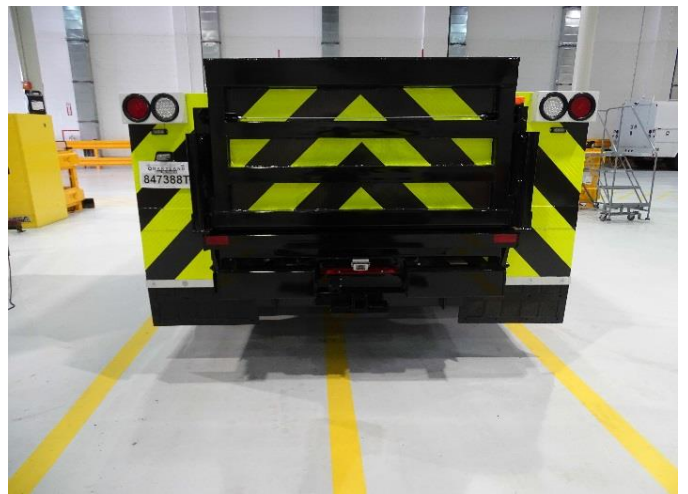
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**COMPARTMENT CONFIGURATION**



**CHEVRON PATTERN ON OPEN BODY & LIFT GATE**



# FY-19 VEHICLE PURCHASE

ITEM 16

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

## PICKUP TRUCK, 1.0 TON, CREW CAB

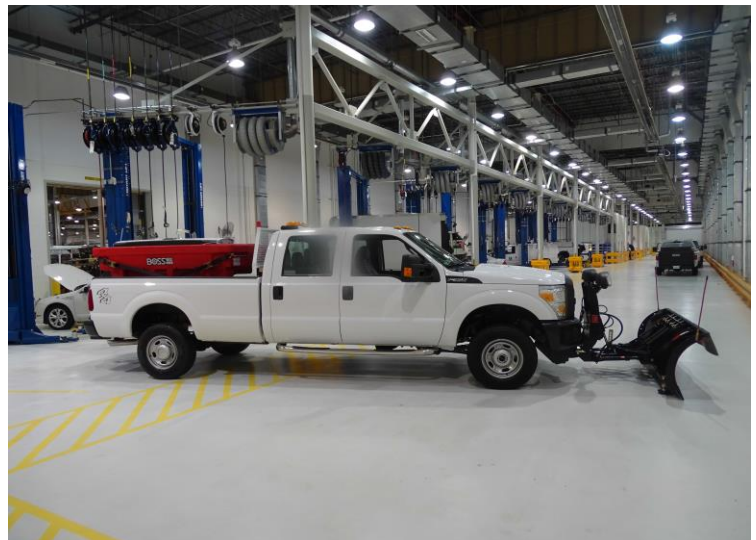
**16A: PLAIN**

**16B: w/ LIFT GATE**

**16C: w/ LIFT GATE, PLOW & TAILGATE SPREADER**

**16D: w/ PLOW & SPREADER**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*



**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	CHEVROLET SILVERADO 3500HD, GMC SIERRA 3500HD, FORD F-350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE	FOUR (4) DOOR CAB/ EIGHT (8) FT. PICKUP BOX	
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED	

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V8	
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 48 GALLONS	
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	
3.5	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER	
3.6	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)	

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 650 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	

4.2	<b>ALTERNATOR: HEAVY-DUTY</b>		
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 200A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE		
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING		
<b>SECTION 5: WEIGHT RATINGS</b>			
5.1	<b>FRONT GAWR</b>	6,000 LBS.	
5.2	<b>REAR GAWR</b>	6,700 LBS.	
5.3	<b>GVWR</b>	11,300 LBS.	
5.4	<b>MAXIMUM TRAILERING CAPACITY</b>	15,000 LBS.	
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING		
<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT</b>	STANDARD FOR VEHICLE SPECIFIED	
6.2	<b>SUSPENSION, REAR</b>	LEAF SPRINGS	
6.3	<b>REAR DIFFERENTIAL</b>	HEAVY DUTY, LOCKING	
6.4	<b>TIRES</b>	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS	
6.6	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD TYPE & SIZE	
6.7	<b>STEERING</b>	POWER ASSISTED	
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: DIMENSIONS</b>			
7.1	<b>WHEEL BASE</b>	167.0"	
7.2	<b>BED LENGTH @ FLOOR</b>	96.0"	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3	
8.2	<b>SEATING</b>		
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL	
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE	
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER	
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION	

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.7	REAR BUMPER	STEP TYPE	
9.8	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.9	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.10	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.11	LOCKING TAILGATE	OEM FACTORY INSTALLED	
9.12	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.13	UNDERBODY SHIELD(S)	TRANSFER CASE & FUEL TANK	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR			
11.0	FLEETWATCH GP55 SYSTEM		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		

11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE THREE (3) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

11.3	<b>BEDLINER:</b> TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.4.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.4.2	<b>COLOR:</b> BLACK		
11.4.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BED RAILS		
11.5	<b>TRAILER TOWING PACKAGE</b>		
11.5.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.5.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.5.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.5.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.5.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.5.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFT GATE		
11.6	<b>STROBE LIGHTS (ITEMS 16B,C,D ONLY)</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.6.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.6.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	<b>LIGHT BAR (ITEM 16D ONLY)</b>		
11.7.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.7.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE MOUNTED ON AN ACARI PRODUCTS OR WMATA APPROVED EQUAL DRILL-FREE ROOFTOP MOUNTING PLATFORM. PLATFORM MOUNTS WHERE OE HIGH MOUNT STOP LAMP IS INSTALLED. HMSL MUST BE REINSTALLED IN MOUNTING BRACKET. NO HOLES SHALL BE DRILLED IN CAB ROOF. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & RELATED COMPONENTS		
11.7.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.7.4	<b>CONTROL SWITCH:</b> LIGHT SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.7.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.7.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>LIFT GATE (ITEMS 16B,C ONLY)</b>		
11.8.1	<b>MODEL:</b> THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.8.2	<b>CAPACITY:</b> 1,500 LBS		
11.8.3	<b>OPERATION:</b> ELECTRIC BATTERY		
11.8.4	<b>CONTROLS ON LIFT GATE:</b> SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.8.5	<b>MASTER POWER SWITCH:</b> POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.8.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.8.7	<b>PLATFORM DIMENSIONS:</b> APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		
11.8.8	<b>MOUNTING STANDARDS:</b> LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.8.9	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.10	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.11	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.8.12	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.8.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>SNOW PLOW (ITEMS 16C,D ONLY)</b>		
11.9.1	<b>TYPE:</b> BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.9.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.9.3	<b>BLADE WIDTH:</b> 90" MAXIMUM WIDTH		
11.9.4	<b>PLOWING WIDTH:</b> 78" MAXIMUM WIDTH @ FULL ANGLE		
11.9.5	<b>BLADE HEIGHT:</b> 31.5" MAXIMUM HEIGHT		
11.9.6	<b>MOLDBOARD:</b> 3/8" POLYETHYLENE		
11.9.7	<b>PLOW SHOES:</b> CAST IRON		
11.9.8	<b>TRIP:</b> FULL TRIP, THREE (3) TRIP SPRINGS		
11.9.9	<b>ANGLE CYLINDERS:</b> 1-1/2" x 10"		
11.9.10	<b>CUTTING EDGE:</b> 1/2" x 6" HIGH CARBON STEEL		
11.9.11	<b>CONTROLS:</b> BOSS HAND HELD CONTROLLER OR WMATA APPROVED EQUAL. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.9.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.9.14	<b>PLOW LIGHTS:</b> LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		

11.9.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.9.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.10</b>	<b>SALT &amp; SAND SPREADER (ITEM 16C ONLY)</b>		
11.10.1	<b>TAILGATE SPREADER:</b> BOSS TGS1100 OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.10.2	<b>HOPPER DESIGN:</b> LOW-PROFILE		
11.10.3	<b>HOPPER CONSTRUCTION:</b> POLYETHYLENE		
11.10.4	<b>HOPPER CAPACITY:</b> 11 CU. FT. / 800 LB.		
11.10.5	<b>HOPPER DIMENSIONS:</b> 34"H x 44"W X 24"D		
11.10.6	<b>HOPPER COVER:</b> SOLID POLY		
11.10.7	<b>FEED MECHANISM:</b> INTERNAL AUGER w/ CABLE LINK AGITATOR & ADJUSTABLE FEED GATE		
11.10.8	<b>VIBRATOR KIT:</b> SHALL BE EQUIPPED w/ VIBRATOR TO IMPROVE MATERIAL FLOW		
11.10.9	<b>TOP SCREEN:</b> w/ BAG OPENER		
11.10.10	<b>MOTOR:</b> HIGH TORQUE/ 12 VOLT DC, SEALED & ENCLOSED		
11.10.11	<b>SPINNER:</b> 12" POLY		
11.10.12	<b>SPREAD WIDTH:</b> 4-30 FEET		
11.10.13	<b>MATERIAL DEFLECTOR:</b> ADJUSTABLE POLY		
11.10.14	<b>CONTROL:</b> VARIABLE SPEED CONTROL w/ BLAST FEATURE & OVERLOAD PROTECTION. WMATA MUST APPROVE INSTALLATION LOCATION		
11.10.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.10.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.10.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.10.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.10.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.11</b>	<b>SALT &amp; SAND SPREADER (ITEM 16D ONLY)</b>		
11.11.1	<b>MODEL:</b> BOSS VBX8000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.11.2	<b>HOPPER CONSTRUCTION:</b> 3/16" DOUBLE WALL POLYETHYLENE		
11.11.3	<b>CAPACITY:</b> TWO (2) YARDS		
11.11.4	<b>HOPPER DIMENSIONS:</b> LENGTH: 96", OVERALL LENGTH: 115", HEIGHT: 38", WIDTH: 48"		
11.11.5	<b>SPREADING WIDTH:</b> 2-40 FT.		
11.11.6	<b>FEED RATE:</b> 2.3 CU. FT. PER MINUTE		
11.11.7	<b>POWER:</b> ELECTRIC MOTOR		
11.11.8	<b>FEED MOTOR:</b> 1/2 HP STAINLESS STEEL		
11.11.9	<b>GEARBOX:</b> PLANETARY GEARBOX		
11.11.10	<b>SPINNER GEARMOTOR:</b> 1/8 HP		
11.11.11	<b>SPINNER:</b> FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.11.12	<b>VIBRATORS:</b> VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.11.13	<b>TROUGH:</b> STAINLESS STEEL		
11.11.14	<b>WORK LIGHT(S):</b> MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		



11.11.15	<b>BRAKE LIGHT:</b> SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		
11.11.16	<b>TOP GRATE SCREEN:</b> HEAVY DUTY ONE PIECE SCREEN		
11.11.17	<b>LIFT POINT:</b> SHALL HAVE A SINGLE LIFT POINT		
11.11.18	<b>CONTROLS:</b> CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.11.19	<b>CONTROLS CONNECTOR &amp; POWER SUPPLY:</b> THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRED CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.11.20	<b>SECUREMENT:</b> SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.11.21	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.11.22	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.11.23	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.11.24	<b>WARRANTY:</b> TWO (2) YEAR PARTS AND LABOR		
11.11.25	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 12: BODY**

12.1	<b>PICKUP BOX:</b> EIGHT (8) FT. LENGTH		
12.2	<b>CHEVRON DESIGN REFLECTIVE DECALING (ITEM 16C ONLY)</b>		
12.2.1	<b>SCOPE:</b> OFFEROR SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.2.2	<b>DESIGN:</b> OFFEROR MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.2.3	<b>MATERIALS (SIX INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, SIX (6) INCH WIDTH, ITEM NUMBER 983236.00, PART NUMBER 75030162186. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, SIX (6) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680856.00		
12.2.4	<b>INSTALLATION:</b> OFFEROR SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		



12.2.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.2.6	<b>WARRANTY:</b> OFFEROR SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		

**SECTION 13: ADDITIONAL REQUIREMENTS**

13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**PLOW**



**TAILGATE SPREADER**



**NERF BAR w/ INTEGRATED STEPS**



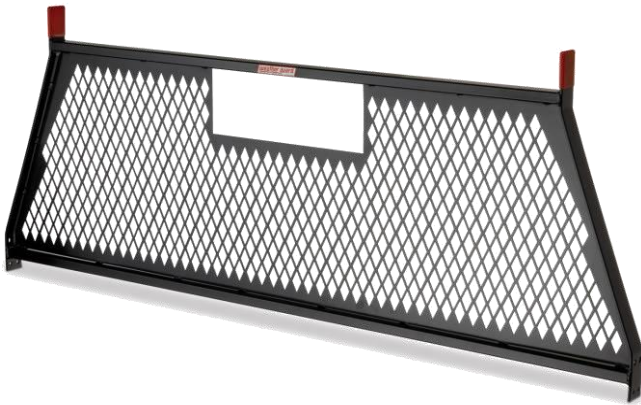
**LIGHT BAR MOUNT**



**CHEVRON PATTERN ON LIFT GATE**



**CAB GUARD (AKA: HEADACHE RACK)**



# FY-19 VEHICLE PURCHASE

ITEM 15

LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION

## PICKUP TRUCK, 1.0 TON, EXTENDED CAB w/ SNOW PLOW, TAILGATE SPREADER

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



March 2, 2018



**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	CHEVROLET SILVERADO 3500HD, GMC SIERRA 3500HD, FORD F-350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE	FOUR (4) DOOR EXTENDED OR SUPER CAB/ EIGHT (8) FT. PICKUP BOX	
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED	

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V8	
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 34 GALLONS	
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	
3.5	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER	
3.6	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)	

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 650 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	

4.2	<b>ALTERNATOR: HEAVY-DUTY</b>		
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 200A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE		
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING		
<b>SECTION 5: WEIGHT RATINGS</b>			
5.1	<b>FRONT GAWR</b>	6,000 LBS.	
5.2	<b>REAR GAWR</b>	6,700 LBS.	
5.3	<b>GVWR</b>	11,200 LBS.	
5.4	<b>TRAILERING CAPACITY</b>	15,000 LBS.	
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING		
<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT</b>	STANDARD FOR VEHICLE SPECIFIED	
6.2	<b>SUSPENSION, REAR</b>	LEAF SPRINGS	
6.3	<b>REAR DIFFERENTIAL</b>	HEAVY DUTY, LOCKING	
6.4	<b>TIRES</b>	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS	
6.6	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD TYPE & SIZE	
6.7	<b>STEERING</b>	POWER ASSISTED	
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: DIMENSIONS</b>			
7.1	<b>WHEEL BASE</b>	158.0"	
7.2	<b>BED LENGTH @ FLOOR</b>	96.0"	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	SIX (6)/ 3-3	
8.2	<b>SEATING</b>		
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL	
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE	
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER	
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION	

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.7	REAR BUMPER	STEP TYPE	
9.8	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.9	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.10	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.11	LOCKING TAILGATE	OEM FACTORY INSTALLED	
9.12	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.13	UNDERBODY SHIELD(S)	TRANSFER CASE & FUEL TANK	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR			
11.0	FLEETWATCH GP55 SYSTEM		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		

11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE THREE (3) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

11.3	<b>BEDLINER:</b> TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.4.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.4.2	<b>COLOR:</b> BLACK		
11.4.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BED RAILS		
11.5	<b>TRAILER TOWING PACKAGE</b>		
11.5.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.5.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.5.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.5.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.5.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.5.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFT GATE		
11.6	<b>STROBE LIGHTS</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.6.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.6.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	<b>LIGHT BAR</b>		
11.7.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.7.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE MOUNTED ON AN ACARI PRODUCTS OR WMATA APPROVED EQUAL DRILL-FREE ROOFTOP MOUNTING PLATFORM. PLATFORM MOUNTS WHERE OE HIGH MOUNT STOP LAMP IS INSTALLED. HMSL MUST BE REINSTALLED IN MOUNTING BRACKET. NO HOLES SHALL BE DRILLED IN CAB ROOF. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & RELATED COMPONENTS		
11.7.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.7.4	<b>CONTROL SWITCH:</b> LIGHT SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.7.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		



11.7.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>SNOW PLOW</b>		
11.8.1	<b>TYPE:</b> BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.8.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.8.3	<b>BLADE WIDTH:</b> 90" MAXIMUM WIDTH		
11.8.4	<b>PLOWING WIDTH:</b> 78" MAXIMUM WIDTH @ FULL ANGLE		
11.8.5	<b>BLADE HEIGHT:</b> 31.5" MAXIMUM HEIGHT		
11.8.6	<b>MOLDBOARD:</b> 3/8" POLYETHYLENE		
11.8.7	<b>PLOW SHOES:</b> CAST IRON		
11.8.8	<b>TRIP:</b> FULL TRIP, THREE (3) TRIP SPRINGS		
11.8.9	<b>ANGLE CYLINDERS:</b> 1-1/2" x 10"		
11.8.10	<b>CUTTING EDGE:</b> 1/2" x 6" HIGH CARBON STEEL		
11.8.11	<b>CONTROLS:</b> BOSS HAND HELD CONTROLLER OR WMATA APPROVED EQUAL. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.8.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.8.14	<b>PLOW LIGHTS:</b> LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.8.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.8.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>SALT &amp; SAND SPREADER</b>		
11.9.1	<b>TAILGATE SPREADER:</b> BOSS TGS1100 OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	<b>HOPPER DESIGN:</b> LOW-PROFILE		
11.9.3	<b>HOPPER CONSTRUCTION:</b> POLYETHYLENE		
11.9.4	<b>HOPPER CAPACITY:</b> 11 CU. FT./ 800 LB.		
11.9.5	<b>HOPPER DIMENSIONS:</b> 34"H x 44"W X 24"D		
11.9.6	<b>HOPPER COVER:</b> SOLID POLY		
11.9.7	<b>FEED MECHANISM:</b> INTERNAL AUGER w/ CABLE LINK AGITATOR & ADJUSTABLE FEED GATE		
11.9.8	<b>VIBRATOR KIT:</b> SHALL BE EQUIPPED w/ VIBRATOR TO IMPROVE MATERIAL FLOW		
11.9.9	<b>TOP SCREEN:</b> w/ BAG OPENER		
11.9.10	<b>MOTOR:</b> HIGH TORQUE/ 12 VOLT DC, SEALED & ENCLOSED		
11.9.11	<b>SPINNER:</b> 12" POLY		
11.9.12	<b>SPREAD WIDTH:</b> 4-30 FEET		
11.9.13	<b>MATERIAL DEFLECTOR:</b> ADJUSTABLE POLY		
11.9.14	<b>CONTROL:</b> VARIABLE SPEED CONTROL w/ BLAST FEATURE & OVERLOAD PROTECTION. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		

11.9.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.9.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>SECTION 12: BODY</b>			
12.1	<b>PICKUP BOX:</b> EIGHT (8) FT. LENGTH		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**PLOW**



**TAILGATE SPREADER**



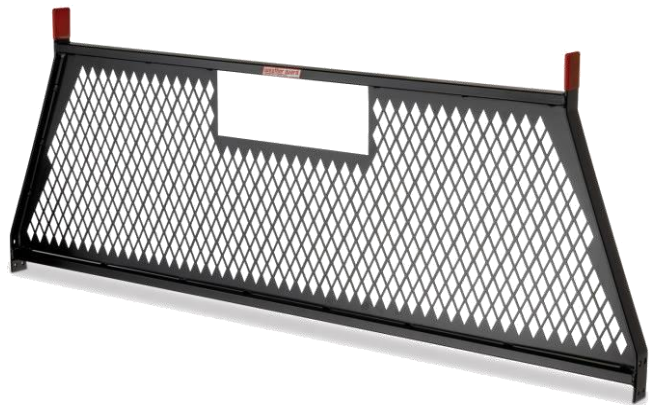
**NERF BAR w/ INTEGRATED STEPS**



**LIGHT BAR MOUNT**



**CAB GUARD (AKA: HEADACHE RACK)**



# FY-19 VEHICLE PURCHASE

ITEM 14

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

## PICKUP TRUCK, 1.0 TON, REGULAR CAB

**14A: w/ PLOW & SPREADER**

**14B: w/ PLOW, TAILGATE SPREADER & LIFTGATE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT AND TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO PERFORM SNOW REMOVAL OPERATIONS TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY. IT IS EXPECTED THAT THE VEHICLE(S) SHALL BE ABLE TO MANEUVER WITHIN ALL WMATA FACILITIES THROUGHOUT THE WASHINGTON DC, MARYLAND AND VIRGINIA REGIONS AT A MINIMUM, AS WELL AS OFF ROAD AND ON ROADS AND HIGHWAYS BETWEEN WMATA PROPERTIES

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A		B
	SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	CHEVROLET SILVERADO 3500HD, GMC SIERRA 3500HD, FORD F-350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE	REGULAR CAB/ EIGHT (8) FT. PICKUP BOX	
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		
2.7	SNOW PLOW PREP PACKAGE	MUST BE OEM FACTORY INSTALLED	

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V8	
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 34 GALLONS	
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	
3.5	AUXILIARY TRANSMISSION OIL COOLER	HEAVY DUTY AIR - OIL COOLER	
3.6	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)	

**SECTION 4: STARTING, CHARGING & ELECTRICAL SYSTEMS**

4.1	BATTERY: MAINTENANCE-FREE	
4.1.1	COLD CRANKING AMPS: MIN. 650 CCA, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE	
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE & COLD CRANKING AMPS THEY ARE OFFERING	



4.2	<b>ALTERNATOR: HEAVY-DUTY</b>			
4.2.1	<b>OUTPUT AMPERAGE:</b> MIN. 200A, MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR(S) THEY ARE OFFERING			
<b>SECTION 5: WEIGHT RATINGS</b>				
5.1	<b>FRONT GAWR</b>	6,000 LBS.		
5.2	<b>REAR GAWR</b>	7,230 LBS.		
5.3	<b>GVWR</b>	11,200 LBS.		
5.4	<b>TRAILERING CAPACITY</b>	15,000 LBS.		
5.5	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WEIGHT RATINGS THEY ARE OFFERING			
<b>SECTION 6: CHASSIS</b>				
6.1	<b>SUSPENSION, FRONT</b>	STANDARD FOR VEHICLE SPECIFIED		
6.2	<b>SUSPENSION, REAR</b>	LEAF SPRINGS		
6.3	<b>REAR DIFFERENTIAL</b>	HEAVY DUTY, LOCKING		
6.4	<b>TIRES</b>	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.5	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS		
6.6	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD TYPE & SIZE		
6.7	<b>STEERING</b>	POWER ASSISTED		
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
<b>SECTION 7: DIMENSIONS</b>				
7.1	<b>WHEEL BASE</b>	141.0"		
7.2	<b>BED LENGTH @ FLOOR</b>	96.0"		
<b>SECTION 8: INTERIOR</b>				
8.1	<b>PASSENGER CAPACITY/CONFIGURATION</b>	THREE (3)/ SINGLE ROW		
8.2	<b>SEATING</b>			
8.2.1	<b>MATERIAL</b>	HEAVY DUTY VINYL		
8.2.2	<b>COLOR</b>	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.3	<b>ADJUSTMENT</b>	MANUALLY ADJUSTABLE		
8.2.4	<b>HEAD RESTRAINTS</b>	ALL SEATING POSITIONS		
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA		
8.4	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING		
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS		
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING		
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHER		
8.14	<b>UPFITTER SWITCHES</b>	SIX (6) OEM FACTORY INSTALLED. SHALL INCLUDE PROPER WIRING & CIRCUIT PROTECTION		

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	TOW/ RECOVERY HOOKS	TWO (2) FRONT, FRAME MOUNTED, BLACK	
9.4	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.5	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.7	REAR BUMPER	STEP TYPE	
9.8	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.9	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.10	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.11	LOCKING TAILGATE	OEM FACTORY INSTALLED	
9.12	CAB LIGHTS/ COLOR	LED ROOF CLEARANCE LIGHTS/ AMBER	
9.13	UNDERBODY SHIELD(S)	TRANSFER CASE & FUEL TANK	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE, FRONT OUTBOARD SEATS	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR			
11.0	FLEETWATCH GP55 SYSTEM		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE		

11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		



11.3	<b>BEDLINER:</b> TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
11.4	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.4.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.4.2	<b>COLOR:</b> BLACK		
11.4.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BED RAILS		
11.5	<b>TRAILER TOWING PACKAGE</b>		
11.5.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.5.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.5.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.5.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.5.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
11.5.6	<b>LIFTGATE TOWING PROVISION:</b> MUST HAVE APPROVED HITCH & HARNESS EXTENSIONS ON VEHICLES EQUIPPED WITH TOW HITCH & LIFT GATE		
11.6	<b>STROBE LIGHTS</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.6.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.6.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7	<b>LIGHT BAR</b>		
11.7.1	<b>TYPE:</b> WHELEN CENTURY SERIES, MODEL #MC16PA, AMBER 16" L, MINI LIGHT BAR OR WMATA APPROVED EQUAL		
11.7.2	<b>MOUNTING:</b> LIGHT BAR SHALL BE MOUNTED ON AN ACARI PRODUCTS OR WMATA APPROVED EQUAL DRILL-FREE ROOFTOP MOUNTING PLATFORM. PLATFORM MOUNTS WHERE OE HIGH MOUNT STOP LAMP IS INSTALLED. HMSL MUST BE REINSTALLED IN MOUNTING BRACKET. NO HOLES SHALL BE DRILLED IN CAB ROOF. BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & RELATED COMPONENTS		
11.7.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.7.4	<b>CONTROL SWITCH:</b> LIGHT SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIGHT BAR		
11.7.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.7.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.8</b>	<b>SNOW PLOW</b>		
11.8.1	<b>TYPE:</b> BOSS SUPER-DUTY w/ SMART-HITCH 2 SYSTEM OR WMATA APPROVED EQUAL STRAIGHT BLADE ALL-IN-ONE SNOW PLOW SYSTEM		
11.8.2	<b>MOUNTING SYSTEM:</b> ALL IN ONE UNIT: PLOW ASSEMBLY (BLADE, QUADRANT, PUSH-FRAME, ETC), HYDRAULIC PUMP AND LIGHTS SHALL BE ONE ASSEMBLY THAT CAN BE QUICKLY & EASILY REMOVED FROM THE TRUCK. SEE REFERENCE PHOTO(S) ATTACHED		
11.8.3	<b>BLADE WIDTH:</b> 90" MAXIMUM WIDTH		
11.8.4	<b>PLOWING WIDTH:</b> 78" MAXIMUM WIDTH @ FULL ANGLE		
11.8.5	<b>BLADE HEIGHT:</b> 31.5" MAXIMUM HEIGHT		
11.8.6	<b>MOLDBOARD:</b> 3/8" POLYETHYLENE		
11.8.7	<b>PLOW SHOES:</b> CAST IRON		
11.8.8	<b>TRIP:</b> FULL TRIP, THREE (3) TRIP SPRINGS		
11.8.9	<b>ANGLE CYLINDERS:</b> 1-1/2" x 10"		
11.8.10	<b>CUTTING EDGE:</b> 1/2" x 6" HIGH CARBON STEEL		
11.8.11	<b>CONTROLS:</b> BOSS HAND HELD CONTROLLER OR WMATA APPROVED EQUAL. WMATA MUST APPROVE INSTALLATION LOCATION		
11.8.12	<b>DEFLECTOR:</b> FULL WIDTH RUBBER SNOW DEFLECTOR		
11.8.13	<b>MARKERS:</b> SNOW PLOW MARKERS ON BOTH SIDES		
11.8.14	<b>PLOW LIGHTS:</b> LED LIGHTS w/ WATER-TIGHT HOUSINGS & INTEGRATED TURN SIGNAL LIGHTS. SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: PLOW LIGHTS		
11.8.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.8.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.8.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.8.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.8.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>SALT &amp; SAND SPREADER (ITEM 14A ONLY)</b>		
11.9.1	<b>MODEL:</b> BOSS VBX8000 V-BOX HOPPER SPREADER OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	<b>HOPPER CONSTRUCTION:</b> 3/16" DOUBLE WALL POLYETHYLENE		
11.9.3	<b>CAPACITY:</b> TWO (2) YARDS		
11.9.4	<b>HOPPER DIMENSIONS:</b> LENGTH: 96", OVERALL LENGTH: 115", HEIGHT: 38", WIDTH: 48"		
11.9.5	<b>SPREADING WIDTH:</b> 2-40 FT.		
11.9.6	<b>FEED RATE:</b> 2.3 CU. FT. PER MINUTE		
11.9.7	<b>POWER:</b> ELECTRIC MOTOR		
11.9.8	<b>FEED MOTOR:</b> 1/2 HP STAINLESS STEEL		
11.9.9	<b>GEARBOX:</b> PLANETARY GEARBOX		
11.9.10	<b>SPINNER GEARMOTOR:</b> 1/8 HP		
11.9.11	<b>SPINNER:</b> FULLY ADJUSTABLE URETHANE SPINNER w/ SEALED MOTOR COMPARTMENT		
11.9.12	<b>VIBRATORS:</b> VARIABLE SPEED VIBRATOR MOUNTED ON EACH SIDE OF HOPPER. SHALL INCLUDE VARIABLE SPEED CONTROLLER		
11.9.13	<b>TROUGH:</b> STAINLESS STEEL		
11.9.14	<b>WORK LIGHT(S):</b> MOUNTED ON REAR OF SPREADER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: SPREADER LIGHTS		
11.9.15	<b>BRAKE LIGHT:</b> SHALL BE EQUIPPED w/ A CENTER HIGH MOUNT STOP LIGHT ON REAR OF SPREADER		

11.9.16	<b>TOP GRATE SCREEN:</b> HEAVY DUTY ONE PIECE SCREEN		
11.9.17	<b>LIFT POINT:</b> SHALL HAVE A SINGLE LIFT POINT		
11.9.18	<b>CONTROLS:</b> CAB MOUNTED CONTROLS. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.19	<b>CONTROLS CONNECTOR &amp; POWER SUPPLY:</b> THE AUGER MOTOR POWER CONNECTOR FOR THE SPREADER SHALL BE MOUNTED IN AN EASILY ACCESSIBLE LOCATION AT FRONT DRIVER'S SIDE OF BED/ BODY AND BE PROTECTED FROM DAMAGE WHEN THE UNIT IS NOT INSTALLED. THE POWER CABLE MUST HAVE A CIRCUIT PROTECTION DEVICE INSTALLED AS CLOSE TO VEHICLE BATTERY AS POSSIBLE. THE MULTIWIRED CONTROLS CABLE SHOULD BE RUN PARALLEL TO THE POWER CABLE AND FOLLOW THE SAME INSTALLATION INSTRUCTION WITH THE EXCEPTION OF THE CIRCUIT PROTECTION. THE CIRCUIT PROTECTION SHOULD BE BEFORE THE CONTROL UNIT. ALL CONNECTIONS SHALL BE A WEATHER PACK STYLE OF CONNECTOR. OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER CIRCUIT PROTECTION. ALL WIRING SHALL BE ROUTED THROUGH LOOM, SECURED AND PROPERLY PROTECTED FROM DAMAGE. SHALL HAVE PLUG COVERS TO PROTECT CONNECTORS WHEN UNPLUGGED. CONNECTORS INSTALLED AT THE REAR OF BED OR BELOW THE CHUTE ARE NOT ACCEPTABLE		
11.9.20	<b>SECUREMENT:</b> SHALL HAVE BUYERS PART #1496505 OR WMATA APPROVED EQUAL SPREADER HOLD DOWN KIT THAT INCLUDES FOUR (4) 2" X 5 FT. NYLON RATCHET STRAPS TO SECURE SPREADER TO THE TRUCK BED/ BODY. STRAPS MUST BE POSITIONED SO WHEN CONNECTED TO TRUCK BED/ BODY TIE DOWN POINTS, THE SPREADER IS SECURED FROM ANY MOVEMENT. SPREADER MUST HAVE AN ADDITIONAL DEVICE PERMANENTLY ATTACHED TO SPREADER TO PREVENT FORWARD MOVEMENT, THEREBY PROTECTING CHUTE & DEFLECTORS FROM DAMAGE DURING VEHICLE BRAKING. WMATA'S SUGGESTION IS A 2" x 4" ANGLE IRON WELDED TO BOTTOM REAR OF UNIT THAT BUTTS UP AGAINST REAR OF BED/ BODY		
11.9.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.9.21	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.22	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.23	<b>WARRANTY:</b> TWO (2) YEAR PARTS AND LABOR		
11.9.24	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.9</b>	<b>SALT &amp; SAND SPREADER (ITEM 14B ONLY)</b>		
11.9.1	<b>TAILGATE SPREADER:</b> BOSS TGS1100 OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.9.2	<b>HOPPER DESIGN:</b> LOW-PROFILE		
11.9.3	<b>HOPPER CONSTRUCTION:</b> POLYETHYLENE		
11.9.4	<b>HOPPER CAPACITY:</b> 11 CU. FT./ 800 LB.		
11.9.5	<b>HOPPER DIMENSIONS:</b> 34"H x 44"W X 24"D		
11.9.6	<b>HOPPER COVER:</b> SOLID POLY		
11.9.7	<b>FEED MECHANISM:</b> INTERNAL AUGER w/ CABLE LINK AGITATOR & ADJUSTABLE FEED GATE		
11.9.8	<b>VIBRATOR KIT:</b> SHALL BE EQUIPPED w/ VIBRATOR TO IMPROVE MATERIAL FLOW		
11.9.9	<b>TOP SCREEN:</b> w/ BAG OPENER		
11.9.10	<b>MOTOR:</b> HIGH TORQUE/ 12 VOLT DC, SEALED & ENCLOSED		
11.9.11	<b>SPINNER:</b> 12" POLY		
11.9.12	<b>SPREAD WIDTH:</b> 4-30 FEET		
11.9.13	<b>MATERIAL DEFLECTOR:</b> ADJUSTABLE POLY		
11.9.14	<b>CONTROL:</b> VARIABLE SPEED CONTROL w/ BLAST FEATURE & OVERLOAD PROTECTION. WMATA MUST APPROVE INSTALLATION LOCATION		
11.9.15	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

11.9.16	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.9.17	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE MANUALS		
11.9.18	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.9.19	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>LIFT GATE (ITEM 14B ONLY)</b>		
11.7.1	<b>MODEL:</b> THIEMAN MODEL TT15EPB OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.7.2	<b>CAPACITY:</b> 1,500 LBS		
11.7.3	<b>OPERATION:</b> ELECTRIC BATTERY		
11.7.4	<b>CONTROLS ON LIFT GATE:</b> SHALL INCLUDE REMOTE CONTROL PENDANT. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.7.5	<b>MASTER POWER SWITCH:</b> POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.7.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.7.7	<b>PLATFORM DIMENSIONS:</b> APPROXIMATELY 54"W x 26"D PLUS 5" RAMP		
11.7.8	<b>MOUNTING STANDARDS:</b> LIFT GATE MOUNTING SHOULD BE REINFORCED WITH BACKER PLATES TO PREVENT MOUNTING BOLTS FROM PULLING THROUGH BODY METAL. LIFT GATE SHALL UTILIZE REAR STAKE POCKET STRUCTURE ON PICKUP BED FOR BOTH ATTACHMENT & STRENGTHENING. SEE TT15 INSTALLATION GUIDE FOR FURTHER GUIDANCE		
11.7.9	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.7.10	<b>DELIVERY CONDITIONS:</b> MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.7.11	<b>MANUALS:</b> FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.7.12	<b>WARRANTY:</b> TWO (2) YEARS PARTS AND LABOR		
11.7.13	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>SECTION 12: BODY</b>			
12.1	<b>PICKUP BOX:</b> EIGHT (8) FT. LENGTH		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTORS(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**PLOW**



**TAILGATE SPREADER**



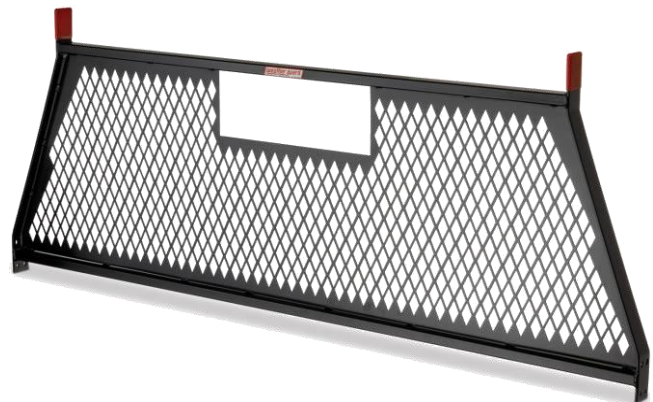
**NERF BAR w/ INTEGRATED STEPS**



**LIGHT BAR MOUNT**



**CAB GUARD (AKA: HEADACHE RACK)**





**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 13**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**PICKUP TRUCK, MID-SIZE, CREW CAB**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THIS VEHICLE WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B	
	SPECIFICATION	MEETS SPEC	

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET COLORADO, GMC CANYON, FORD RANGER OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR CAB/ SHORT PICKUP BOX		
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	21 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	3,200 LBS.		
5.2	REAR GAWR	3,500 LBS.		
5.3	GVWR	6,000 LBS.		

**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	LEAF SPRINGS		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD FOR VEHICLE SPECIFIED		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	128.0"	
7.2	BED LENGTH @ FLOOR	60.0", MAX 62.0"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	MATERIAL	HEAVY DUTY VINYL	
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA	
8.4	DOME LIGHT(S)	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.5	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.6	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.7	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.8	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.9	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.10	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.11	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.12	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.13	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHER	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.3	FRONT GRILL & SURROUND COLOR	BLACK OR BODY COLOR	
9.4	FRONT BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.5	REAR BUMPER OR FASCIA COLOR	BLACK OR BODY COLOR	
9.6	REAR BUMPER	STEP TYPE	
9.7	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
9.8	BED TIE DOWN HOOKS	FOUR (4) MOUNTED IN THE PICKUP BED	
9.9	BED RAIL & TAILGATE TOP PROTECTORS	OEM FACTORY INSTALLED	
9.10	LOCKING TAILGATE	OEM FACTORY INSTALLED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT- MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	



10.6	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED		
10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (PICKUP TRUCKS); SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR. IF THE VIEW IS OBSTRUCTED FROM THE REAR THE UNIT SHALL BE MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE. UNIT SHALL BE EASILY ACCESSIBLE FOR MAINTENANCE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>			
11.1.1	PROPOSALDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED			
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED			
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS			

11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS OR CHROME STEPS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE THREE (3) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.3</b>	<b>BEDLINER:</b> TRUCK BED & TAILGATE SPRAY LINED WITH RHINO LINER, LINE X OR SIMILAR PRODUCT PER MANUFACTURER RECOMMENDATIONS. LINER SHOULD BE SPRAYED OVER THE BED RAILS IF OEM BED RAIL CAPS ARE NOT UTILIZED, SPRAYED UNDER THE RAILS IF OEM RAIL CAPS ARE UTILIZED. REAR END PANEL (AKA VALENCE OR MODESTY PANEL) MUST BE LINED. FLOOR, SIDES & BACK OF CAB MUST BE SEALED (WATER TIGHT) BETWEEN BED & LINING		
<b>11.4</b>	<b>CAB GUARD (AKA: HEADACHE RACK):</b> (REFERENCE PHOTO ATTACHED)		
11.4.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL MESH HEADACHE RACK		
11.4.2	<b>COLOR:</b> BLACK		
11.4.3	<b>MOUNTING:</b> SHALL BE MOUNTED ON BED RAILS		
<b>SECTION 12: BODY</b>			
12.1	<b>STANDARD BODY w/ SHORT LENGTH PICKUP BOX</b>		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

NERF BAR w/ INTEGRATED STEPS



CAB GUARD (AKA: HEADACHE RACK)



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 12**

**MEDIUM DUTY  
SERVICE VEHICLE SPECIFICATION**

**HIGH CUBE VAN, FULL-SIZE, 1.5 TON**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, MATERIALS, TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B	
	SPECIFICATION	MEETS SPEC	

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET EXPRESS 4500, GMC SAVANA 4500, FORD E-450 OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FULL SIZE CUTAWAY VAN w/ HIGH CUBE BODY		
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), DUAL REAR WHEEL (DRW)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (EXAMPLE: 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V8 OR V10		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 33 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: ELECTRICAL SYSTEM**

4.1	<b>BATTERY: STANDARD FOR VEHICLE SPECIFIED</b>			
4.1.1	<b>TYPE &amp; MOUNTING LOCATION:</b> IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING			
4.2	<b>ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED</b>			

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	4,600 LBS.		
5.2	REAR GAWR	9,600 LBS.		
5.3	GVWR	14,200 LBS.		

**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	LEAF SPRINGS		
6.3	REAR AXLE	LIMITED SLIP		
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		

6.5	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS		
6.6	<b>STEERING</b>	POWER ASSISTED		
6.7	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		
<b>SECTION 7: DIMENSIONS</b>				
7.1	<b>WHEEL BASE (INCHES)</b>	158.0"		
<b>SECTION 8: INTERIOR</b>				
8.1	<b>PASSENGER CAPACITY</b>	TWO (2)		
8.2	<b>SEATING</b>			
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS		
8.2.2	MATERIAL	HEAVY DUTY VINYL		
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR		
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE		
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS		
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA		
8.4	<b>DOMES LIGHT(S)</b>	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING		
8.5	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS		
8.6	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE		
8.7	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS		
8.8	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS		
8.9	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS		
8.10	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING		
8.11	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY		
8.12	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN		
8.13	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHERS		
<b>SECTION 9: EXTERIOR</b>				
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG		
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE		
9.2.1		POWER ADJUSTABLE		
9.2.2		HEATED		
9.2.3		EXTENDABLE TOW TYPE		
9.2.4		DRIVER & PASSENGER SIDE BLIND SPOT MIRRORS		
9.3	<b>GRILL</b>	BLACK, GRAY OR BODY COLOR		
9.4	<b>FRONT BUMPER</b>	BLACK		
9.5	<b>REAR BUMPER</b>	BLACK w/ INTEGRATED STEP		
9.6	<b>ROOF MARKER LIGHTS/ COLOR</b>	YES/ SMOKED AMBER		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	<b>AIR BAGS</b>			
10.1.1		DRIVER & PASSENGER FRONT		
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED		
10.4	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.5	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		

10.7	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.8.1	ATTENTION: OEM SYSTEM IS PREFERRED. USE BELOW SPECS IF OEM IS NOT AVAILABLE			
10.8.2	TYPE	ROSCO MODEL #STSK5465 OR WMATA APPROVED EQUAL. COMMERCIAL DUTY FOR 12 VOLT POWER SOURCE, IR NIGHT VISION & AUDIO		
10.8.3	MONITOR	COLOR 5" LCD DISPLAY, 100G SHOCK RATING, 15G VIBRATION RATING		
10.8.4	CAMERA	270K PIXELS, 120 DEGREE FIELD OF VIEW, HIGH OUTPUT INFRA-RED LED'S, 100G SHOCK RATING, and 15G VIBRATION RATING		
10.8.5	WARRANTY	MINIMUM (1) YEAR PARTS & LABOR		
10.9	<b>FIRE EXTINGUISHER</b>	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.10	<b>FIRST AID KIT</b>	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE		
10.12	<b>WHEEL CHOCKS</b>	FOUR (4) WHEEL CHOCKS w/ HANDLES SHALL BE PROVIDED		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>ALL CONNECTIONS:</b> MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			



<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>LIFT GATE</b>		
11.2.1	TYPE: THIEMAN MODEL TVL RAILGATE SERIES OR WMATA APPROVED EQUAL. PROPOSED UNIT MUST INCLUDE ALL STANDARD FEATURES AND ANY OPTIONS LISTED BELOW		
11.2.2	CAPACITY: 2,000 LBS.		
11.2.3	PLATFORM: ALUMINUM, APPROXIMATELY 90"W x 54"D w/ 12" RETENTION RAMP		
11.2.4	DUAL CONTROLS: SHALL BE EQUIPPED w/ A FIXED CONTROL SWITCH & A HAND HELD REMOTE PENDANT CONTROL. CONTROLS SHALL NOT RECEIVE POWER UNLESS MASTER SWITCH IN CAB IS TURNED ON		
11.2.5	MASTER POWER SWITCH (IN CAB): POWER TO THE LIFT GATE SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: LIFT GATE		
11.2.6	POWER INDICATOR: SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE LIFT GATE IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: LIFT GATE POWER		
11.2.7	OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.2.8	DELIVERY CONDITIONS: MUST BE INSTALLED & READY FOR USE AT TIME OF DELIVERY		
11.2.9	MANUALS: FURNISH TWO (2) COMPLETE SETS OF PARTS & MAINTENANCE & OPERATING MANUALS		
11.2.10	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>SECTION 12: BODY</b>			
<b>12.0</b>	<b>HIGH CUBE VAN BODY</b>		
12.0.1	MODEL: INNER CITY VAN BODY, US TRUCK BODY OR WMATA APPROVED EQUAL		
12.0.2	DIMENSIONS: INTERIOR; LENGTH: 188", HEIGHT: 84", WIDTH: 94". OVERALL BODY HEIGHT: 125". DOOR OPENING HEIGHT: 77". EXTERIOR WIDTH: 96". LOAD SPACE VOLUME: 763 CUBIC FEET		
12.0.3	SIDEWALL REINFORCEMENT: HEAVY DUTY EXTERIOR GRADE PLYWOOD, REINFORCED w/ FIBERGLASS INSIDE & OUT. WELDED & REINFORCED ALL STEEL REAR CORNERS		
12.0.4	SUB STRUCTURE: 5" STRUCTURAL STEEL LONG SILLS w/ 3" STRUCTURAL "I" BEAM SECTION CROSSMEMBERS ON 12" CENTERS. HAT SECTION CROSSMEMBERS ARE NOT ACCEPTABLE		
12.0.5	U-BOLTS: SHALL BE 5/8" DIAMETER MINIMUM & SHALL USE ANGLE OR CHANNEL FLANGES. FLAT FLANGES ARE NOT ACCEPTABLE. WOOD SPACERS SHALL BE USED AT EACH U-BOLT TO PREVENT LONG SILL BUCKLING. TORQUE REMINDER LABEL SHALL BE AFFIXED TO THE EXTERIOR OF THE BODY WITH BOTH THE INSPECTION INTERVAL & TORQUE VALUE SPECIFIED		



12.0.6	WHEEL WELLS: CARGO AREA FLOOR SHALL BE FLAT. NO HUMPS FOR WHEEL WELLS		
12.0.7	ROOF: FULL LENGTH TRANSLUCENT ROOF		
12.0.8	FLOOR: STEEL OR ALUMINUM TREADPLATE FLOOR OVERLAY OVER ¾" PLYWOOD BASE ON FULL CARGO AREA FLOOR		
12.0.9	CARGO SECUREMENT: SIX (6) FLUSH, FLOOR MOUNTED TIE DOWN RINGS SHALL BE EVENLY SPACED & MOUNTED ON EACH SIDE OF FLOOR 6-10" FROM WALLS & BULKHEAD		
12.0.10	DOOR: REAR ROLL-UP CARGO DOOR w/ PULL DOWN STRAP & TORSION SPRING ASSIST		
12.0.11	BULKHEAD: PANEL BETWEEN PASSENGER COMPARTMENT & CARGO AREA WITH DOOR IN CENTER. MUST BE INSTALLED TO ALLOW UNRESTRICTED MOVEMENT OF THE SEATS TO ALL POSITIONS		
12.0.12	INTERIOR LIGHTING: THREE (3) GROTE 61171 LED DOME LIGHTS OR WMATA APPROVED EQUAL SHALL BE MOUNTED IN CARGO AREA CENTERED ON ROOF (SIDE TO SIDE) AND SPACED EVENLY FRONT TO REAR. SHALL BE CONTROLLED FROM A SINGLE SWITCH NEAR REAR DOOR. CIRCUIT SHALL NOT HAVE POWER WHEN THE IGNITION KEY IS OFF		
12.0.13	PAINT: SOLID WHITE TO MATCH THE TRUCK CAB		
12.0.14	EXTERIOR LIGHTING: SHALL BE LED TYPE LIGHTS		
12.0.15	E-RAILS: SHALL BE SPACED 18", 36" & 54" FROM THE FLOOR ON BOTH SIDE WALLS RUNNING THE FULL LENGTH OF THE BODY. MEASUREMENTS SHALL BE AT THE CENTER OF THE RAILS		
12.0.16	CROSS BARS: SIX (6) SHALL BE PROVIDED FOR THE E-RAILS		
12.0.17	MUD FLAPS: PLAIN (NO LOGO) ANTI-SAIL MUD FLAPS SHALL BE MOUNTED BEHIND REAR WHEELS		
12.0.18	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 11**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**CARGO VAN, FULL-SIZE, 1 TON**

**LOW ROOF HEIGHT**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE(S) USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED BY HEATING, VENTILATION & AIR CONDITIONING REPAIR AND MAINTENANCE TECHNICIANS FROM THE PLANT MAINTENANCE DEPARTMENT TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT & TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A		B
	SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	FORD TRANSIT 350 OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE		
2.3.1		FULL SIZE LONG LENGTH CARGO VAN	
2.3.2		LOW-HEIGHT ROOF	
2.3.3		SWING OUT CURB-SIDE & REAR DOORS	
2.3.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS	
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), SINGLE REAR WHEEL (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (EXAMPLE: 2016 FORD EXPLORER XLT)		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		

**SECTION 3: POWERTRAIN**

3.1	ENGINE	3.5L V6	
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 25 GALLONS	
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC	

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED		
4.1.1	TYPE & MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE		
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING		
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED		

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	4,130 LBS.	
5.2	REAR GAWR	5,750 LBS.	
5.3	GVWR	9,500 LBS.	

SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	LEAF SPRINGS	
6.3	REAR AXLE	LIMITED SLIP	
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	WHEELS	GRAY OR SILVER, STEEL WHEELS	
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.7	STEERING	POWER ASSISTED	
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	WHEEL BASE (INCHES)	129.9"	
7.2	BODY LENGTH (INCHES)	219.9" OVERALL LENGTH	
7.3	BODY HEIGHT (INCHES)	83.6"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY	TWO (2)	
8.2	SEATING		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY VINYL	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA	
8.4	CARGO FLOOR COVERING	SPRAY-IN HEAVY DUTY FLOOR LINER	
8.5	DOMES LIGHT(S)	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.6	CARGO AREA LIGHT(S)	FOUR (4) OEM FACTORY INSTALLED LED DOME LIGHTS OR WMATA APPROVED EQUAL	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.16	CARGO SECUREMENT	SIX (6) FACTORY INSTALLED OR WMATA APPROVED EQUAL TIE-DOWN RINGS MOUNTED IN CARGO AREA LOWER SIDEWALLS OR FLOOR	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	

9.3	GRILL	BLACK, GRAY OR BODY COLOR		
9.4	FRONT BUMPER	BLACK		
9.5	REAR BUMPER	BLACK w/ INTEGRATED STEP		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER FRONT		
10.1.2		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER</b>				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			

11.0.8	<b>ALL CONNECTIONS:</b> MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>HVAC STORAGE PACKAGE</b>		
11.2.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL INTERIOR CARGO AREA STORAGE PACKAGE DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.2.2	<b>CONTENTS:</b>		
11.2.2.1	PARTITION w/ DOOR BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.2.2.2	PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.2.2.3	SHELVING, DRAWERS & CABINETS w/ LOCKING DOORS		
11.2.2.4	MATERIAL SHALL BE STEEL		
11.2.2.5	<b>REFRIGERANT TANK HOLDERS:</b> WEATHERGUARD MODEL 9863-3-01 OR WMATA APPROVED EQUAL. SHALL BE FOR TWO (2) 30 LB. TANKS & ONE (1) 50 LB. TANK. FINAL MOUNTING POSITION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
<b>11.3</b>	<b>TRAILER TOWING PACKAGE</b>		
11.3.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.3.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.3.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.3.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
<b>11.4</b>	<b>STROBE LIGHTS</b>		
11.4.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.4.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

<b>11.5</b>	<b>POWER INVERTER SYSTEM (FOR CARGO VAN)</b>		
11.5.1	<b>TYPE:</b> DIMENSIONS OR WMATA APPROVED EQUAL PURE SINE WAVE POWER INVERTER. 12 VDC INPUT VOLTAGE TO 120 VAC OUTPUT VOLTAGE/ 1,200 WATT OUTPUT POWER. INDEPENDENT DC POWER SOURCE ISOLATED FROM NORMAL VEHICLE OPERATION w/ ATTENTION TO VEHICLE COMPUTER LOGIC. UNIT MUST HAVE SURGE CAPABILITY w/ HEAVY FUSED CIRCUIT PROTECTION TO DE-ENERGIZE SYSTEM. OFFEROR SHALL UTILIZE PROPER SUPPORT SYSTEM, OEM DESIGNATED CABLES, CIRCUIT PROTECTION AND RELATED ITEMS FOR OPERATION		
11.5.2	<b>INVERTER:</b> UL CERTIFIED INVERTER SHALL BE SHOCK MOUNTED FOR VIBRATION PROTECTION, MOUNTED IN A WELL VENTILATED, WEATHER RESISTANT LOCATION AND BE PROTECTED FROM CONTACT DAMAGE		
11.5.3	<b>BATTERY:</b> OFFEROR SHALL PROVIDE PROPER SUPPORT SYSTEM w/ ABSORBED GLASS MAT (AGM) TYPE DEEP CELL BATTERY MOUNTED IN A WELL VENTILATED AND WEATHER RESISTANT LOCATION. SHALL BE EASILY ACCESSIBLE AND PROTECTED FROM CONTACT DAMAGE. BATTERY SHALL BE CHARGED BY VEHICLE CHARGING CIRCUIT		
11.5.4	<b>RECEPTACLES:</b> TWO (2) 20 AMP, 120 VOLT GFCI OUTLETS SHALL BE WIRED TO INVERTER AND INSTALLED IN FLUSH MOUNTED WEATHER RESISTANT BOX w/ FLIP LID ON THE RIGHT REAR SIDE OF BODY EXTERIOR. REFERENCE PIC ATTACHED		
11.5.5	<b>CONTROL SWITCH:</b> INVERTER SHALL BE ACTIVE ONLY WHEN THE VEHICLE ENGINE IS RUNNING. POWER TO THE INVERTER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INVERTER		
11.5.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE INVERTER IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: INVERTER POWER		
11.5.7	OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.6</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LOW PROFILE AMBER LED SEQUENTIAL TRAFFIC ADVISOR (AKA: ARROW LIGHT)		
11.6.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED IN THE CENTER ABOVE REAR CARGO DOORS		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHT SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: TRAFFIC ADVISOR		
11.6.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>LADDER RACK:</b> DROP-DOWN LADDER RACK SYSTEM w/ REAR SLIDE DOWN SYSTEM DESIGNED FOR SAFE, QUICK & EASY LADDER LOADING & UNLOADING FROM THE GROUND		

**SECTION 12: BODY**

12.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
12.2	<b>CHEVRON DESIGN REFLECTIVE DECALING</b>		
12.2.1	<b>SCOPE:</b> OFFEROR SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.2.2	<b>DESIGN:</b> OFFEROR MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.2.3	<b>MATERIALS (SIX INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, SIX (6) INCH WIDTH, ITEM NUMBER 983236.00, PART NUMBER 75030162186. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, SIX (6) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680856.00		
12.2.4	<b>INSTALLATION:</b> OFFEROR SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
12.2.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.2.6	<b>WARRANTY:</b> OFFEROR SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE		

**SECTION 13: ADDITIONAL REQUIREMENTS**

13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		



**ELECTRICAL RECEPTACLE**



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 10**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**CARGO VAN, FULL-SIZE, 3/4 TON**

**MID ROOF HEIGHT**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*December 7, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE(S) USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS, EQUIPMENT & TRAILERS TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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	A	
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR
2.2	MAKE/ MODEL	FORD TRANSIT 250 OR WMATA APPROVED EQUAL
2.3	BODY/ CAB STYLE	
2.3.1		FULL SIZE REGULAR LENGTH CARGO VAN
2.3.2		MID-HEIGHT ROOF
2.3.3		SLIDING CURB-SIDE DOOR & SWING OUT REAR DOORS
2.3.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), SINGLE REAR WHEEL (SRW)
2.5	VEHICLE PAINT COLOR	SOLID WHITE
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (EXAMPLE: 2016 FORD EXPLORER XLT)	
2.6.1	YEAR:	
2.6.2	MAKE:	
2.6.3	MODEL:	
2.6.4	TRIM LEVEL/PKG.:	

**SECTION 3: POWERTRAIN**

3.1	ENGINE	3.5L V6
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 25 GALLONS
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED	
4.1.1	TYPE & MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED	

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	4,130 LBS.
5.2	REAR GAWR	5,515 LBS.
5.3	GVWR	9,000 LBS.

<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT</b>	INDEPENDENT	
6.2	<b>SUSPENSION, REAR</b>	LEAF SPRINGS	
6.3	<b>REAR AXLE</b>	LIMITED SLIP	
6.4	<b>TIRES</b>	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	<b>WHEELS</b>	GRAY OR SILVER, STEEL WHEELS	
6.6	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD TYPE & SIZE	
6.7	<b>STEERING</b>	POWER ASSISTED	
6.8	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: EXTERIOR DIMENSIONS</b>			
7.1	<b>WHEEL BASE (INCHES)</b>	129.0"	
7.2	<b>BODY LENGTH (INCHES)</b>	217.8" OVERALL LENGTH	
7.4	<b>BODY HEIGHT (INCHES)</b>	100.8"	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY</b>	TWO (2)	
8.2	<b>SEATING</b>		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY VINYL	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA	
8.4	<b>CARGO FLOOR COVERING</b>	SPRAY-IN HEAVY DUTY FLOOR LINER	
8.5	<b>DOME LIGHT(S)</b>	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.6	<b>CARGO AREA LIGHT(S)</b>	FOUR (4) OEM FACTORY INSTALLED LED DOVE LIGHTS OR WMATA APPROVED EQUAL	
8.7	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.8	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	
8.13	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.16	<b>CARGO SECUREMENT</b>	SIX (6) FACTORY INSTALLED OR WMATA APPROVED EQUAL TIE-DOWN RINGS MOUNTED IN CARGO AREA LOWER SIDEWALLS OR FLOOR	
<b>SECTION 9: EXTERIOR</b>			
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		EXTENDABLE TOW TYPE	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	

9.3	GRILL	BLACK, GRAY OR BODY COLOR		
9.4	FRONT BUMPER	BLACK		
9.5	REAR BUMPER	BLACK w/ INTEGRATED STEP		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	AIR BAGS			
10.1.1		DRIVER & PASSENGER FRONT		
10.1.2		SAFETY CANOPY SIDE CURTAIN		
10.2	SEAT BELTS	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED		
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED		
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED		
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER</b>				
11.0	FLEETWATCH GP55 SYSTEM:			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			

11.0.8	<b>ALL CONNECTIONS:</b> MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>GENERAL STORAGE PACKAGE</b>		
11.2.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL INTERIOR CARGO AREA STORAGE PACKAGE DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.2.2	<b>CONTENTS:</b>		
11.2.2.1	PARTITION w/ DOOR BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.2.2.2	PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.2.2.3	SHELVING, DRAWERS & CABINETS w/ LOCKING DOORS		
11.2.2.4	MATERIAL SHALL BE STEEL		
<b>11.3</b>	<b>TRAILER TOWING PACKAGE</b>		
11.3.1	<b>RECEIVER:</b> OEM IS PREFERRED, CLASS 3 GTW BRACKETS & HITCH RATED TO 10,000 LBS		
11.3.2	<b>COMBINATION HITCH:</b> COMBINATION BALL & PINTLE HITCH w/ 2" BALL. BUYERS MODEL BH82000, WALLACE FORGE MODEL DPH-2000 OR WMATA APPROVED EQUAL		
11.3.3	<b>PINTLE MOUNT:</b> BUYERS MODEL PM107, WALLACE FORGE MODEL RE-6500 OR WMATA APPROVED EQUAL. MUST INCLUDE HITCH PIN & CLIP		
11.3.4	<b>TRAILER CONNECTOR(S):</b> OEM IS PREFERRED, IF OEM IS NOT AVAILABLE USE HOPKINS TOWING SOLUTIONS PART #40975 (MULTI-TOW) OR WMATA APPROVED EQUAL SEVEN (7) POLE FLAT SPADE TYPE & FOUR (4) PIN TYPE CONNECTORS		
11.3.5	<b>BRAKE CONTROL:</b> OEM INTEGRATED IS PREFERRED, IF OEM IS NOT AVAILABLE USE KELSEY HAYES MODEL 81741 OR WMATA APPROVED EQUAL		
<b>11.4</b>	<b>STROBE LIGHTS</b>		
11.4.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.4.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		

<b>11.5</b>	<b>POWER INVERTER SYSTEM (FOR CARGO VAN)</b>		
11.5.1	<b>TYPE:</b> DIMENSIONS OR WMATA APPROVED EQUAL PURE SINE WAVE POWER INVERTER. 12 VDC INPUT VOLTAGE TO 120 VAC OUTPUT VOLTAGE/ 1,200 WATT OUTPUT POWER. INDEPENDENT DC POWER SOURCE ISOLATED FROM NORMAL VEHICLE OPERATION w/ ATTENTION TO VEHICLE COMPUTER LOGIC. UNIT MUST HAVE SURGE CAPABILITY w/ HEAVY FUSED CIRCUIT PROTECTION TO DE-ENERGIZE SYSTEM. OFFEROR SHALL UTILIZE PROPER SUPPORT SYSTEM, OEM DESIGNATED CABLES, CIRCUIT PROTECTION AND RELATED ITEMS FOR OPERATION		
11.5.2	<b>INVERTER:</b> UL CERTIFIED INVERTER SHALL BE SHOCK MOUNTED FOR VIBRATION PROTECTION, MOUNTED IN A WELL VENTILATED, WEATHER RESISTANT LOCATION AND BE PROTECTED FROM CONTACT DAMAGE		
11.5.3	<b>BATTERY:</b> OFFEROR SHALL PROVIDE PROPER SUPPORT SYSTEM w/ ABSORBED GLASS MAT (AGM) TYPE DEEP CELL BATTERY MOUNTED IN A WELL VENTILATED AND WEATHER RESISTANT LOCATION. SHALL BE EASILY ACCESSIBLE AND PROTECTED FROM CONTACT DAMAGE. BATTERY SHALL BE CHARGED BY VEHICLE CHARGING CIRCUIT		
11.5.4	<b>RECEPTACLES:</b> TWO (2) 20 AMP, 120 VOLT GFCI OUTLETS SHALL BE WIRED TO INVERTER AND INSTALLED IN FLUSH MOUNTED WEATHER RESISTANT BOX w/ FLIP LID ON THE RIGHT REAR SIDE OF BODY EXTERIOR. REFERENCE PIC ATTACHED		
11.5.5	<b>CONTROL SWITCH:</b> INVERTER SHALL BE ACTIVE ONLY WHEN THE VEHICLE ENGINE IS RUNNING. POWER TO THE INVERTER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: INVERTER		
11.5.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE INVERTER IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: INVERTER POWER		
11.5.7	OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.6</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.6.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LOW PROFILE AMBER LED SEQUENTIAL TRAFFIC ADVISOR (AKA: ARROW LIGHT)		
11.6.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED IN THE CENTER ABOVE REAR DOORS		
11.6.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.6.4	<b>CONTROL SWITCH:</b> LIGHT SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: TRAFFIC ADVISOR		
11.6.5	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.6.6	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		
<b>11.7</b>	<b>LADDER RACK:</b> ROOF MOUNTED DROP-DOWN LADDER RACK SYSTEM w/ REAR SLIDE DOWN SYSTEM DESIGNED FOR SAFE, QUICK & EASY LADDER LOADING & UNLOADING FROM THE GROUND. SYSTEM SHALL BE DESIGNED FOR HIGH ROOF VANS		

SECTION 12: BODY		
12.1	STANDARD FOR VEHICLE SPECIFIED	
12.2	CHEVRON DESIGN REFLECTIVE DECALING	
12.2.1	<b>SCOPE:</b> OFFEROR SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS	
12.2.2	<b>DESIGN:</b> OFFEROR MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION	
12.2.3	<b>MATERIALS (SIX INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, SIX (6) INCH WIDTH, ITEM NUMBER 983236.00, PART NUMBER 75030162186. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, SIX (6) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680856.00	
12.2.4	<b>INSTALLATION:</b> OFFEROR SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING	
12.2.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER	
12.2.6	<b>WARRANTY:</b> OFFEROR SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE	
SECTION 13: ADDITIONAL REQUIREMENTS		
13.1	SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE	
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION	
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY	
SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)		
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES	
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES	
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS	



**ELECTRICAL RECEPTACLE**



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 9**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**CARGO VAN, FULL-SIZE .5 TON**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD TRANSIT 150 OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE			
2.3.1		FULL SIZE LONG LENGTH CARGO VAN		
2.3.2		LOW ROOF		
2.3.3		SWING OUT CURB-SIDE & REAR DOORS		
2.3.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS		
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), REAR WHEEL (SRW)	SINGLE	
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	3.5L V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 25 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED	
4.1.1	<b>TYPE &amp; MOUNTING LOCATION:</b> IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.1.2	<b>DOCUMENTATION:</b> BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED	

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	4,130 LBS.		
5.2	REAR GAWR	5,070 LBS.		
5.3	GVWR	8,600 LBS.		

SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	LEAF SPRINGS	
6.3	REAR AXLE	LIMITED SLIP	
6.4	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	WHEELS	GRAY OR SILVER, STEEL WHEELS	
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.7	STEERING	POWER ASSISTED	
6.8	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	147.0"	
7.2	OVERALL LENGTH	238.0" MAX	
7.3	HEIGHT (INCHES)	84.0" MAX ROOF HEIGHT	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY	TWO (2)	
8.2	SEATING		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY VINYL	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA	
8.4	CARGO FLOOR COVERING	SPRAY-IN HEAVY DUTY FLOOR LINER	
8.5	DOMES LIGHT(S)	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.6	CARGO AREA LIGHT(S)	FOUR (4) OEM FACTORY INSTALLED LED DOME LIGHTS OR WMATA APPROVED EQUAL	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.16	CARGO SECUREMENT	SIX (6) FACTORY INSTALLED OR WMATA APPROVED EQUAL TIE-DOWN RINGS MOUNTED IN CARGO AREA LOWER SIDEWALLS OR FLOOR	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		SHORT ARM	
9.2.4		INTEGRATED BLIND SPOT MIRRORS	
9.3	GRILL	BLACK, GRAY OR BODY COLOR	

9.4	FRONT BUMPER	BLACK		
9.5	REAR BUMPER	BLACK w/ INTEGRATED STEP		
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>				
10.1	<b>AIR BAGS</b>			
10.1.1		DRIVER & PASSENGER FRONT		
10.1.2		SAFETY CANOPY SIDE CURTAIN		
10.2	<b>SEAT BELTS</b>			
10.2.1		ALL SEATING POSITIONS		
10.2.2		HEIGHT ADJUSTABLE		
10.2.3		RETRACTABLE		
10.2.3		THREE POINT		
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED		
10.4	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.5	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.6	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED		
10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY BIDDER</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE BIDDER MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)			
11.0.8	<b>ALL CONNECTIONS:</b> MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			

<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	BIDDER MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>GENERAL STORAGE PACKAGE (ITEM 9A ONLY)</b>		
11.2.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL INTERIOR CARGO AREA STORAGE PACKAGE DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.2.2	<b>CONTENTS:</b>		
11.2.2.1	PARTITION w/ DOOR BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.2.2.2	PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.2.2.3	SHELVING, DRAWERS & CABINETS w/ LOCKING DOORS		
11.2.2.4	MATERIAL SHALL BE STEEL		
<b>11.3</b>	<b>ELECTRICAL STORAGE PACKAGE (ITEM 9B ONLY)</b>		
11.3.1	<b>TYPE:</b> WEATHERGUARD OR WMATA APPROVED EQUAL INTERIOR CARGO AREA STORAGE PACKAGE DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.3.2	<b>CONTENTS:</b>		
11.3.3	PARTITION w/ DOOR BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.3.4	PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.3.5	SHELVING, DRAWERS & CABINETS w/ LOCKING DOORS		
11.3.6	MATERIAL SHALL BE STEEL		
<b>11.4</b>	<b>STROBE LIGHTS (ITEM 9B ONLY)</b>		
11.4.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.4.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.4.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.4.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.4.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>SECTION 12: BODY</b>			
<b>12.1</b>	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
<b>13.1</b>	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>13.2</b>	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		

13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 8**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**CARGO VAN, SMALL-SIZE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 2, 2018*



**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	FORD TRANSIT CONNECT OR WMATA APPROVED		
2.3	BODY/ CAB STYLE			
2.3.1		SMALL-SIZE CARGO VAN		
2.3.2		LOW ROOF		
2.3.3		SWING OUT CURB-SIDE & REAR DOORS		
2.3.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS		
2.4	DRIVE TYPE	FRONT WHEEL DRIVE (FWD), REAR WHEEL (SRW)	SINGLE	
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	INLINE 4 CYLINDER		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 15 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED	
4.1.1	TYPE & MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.1.2	DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED	

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	2,700 LBS.		
5.2	REAR GAWR	2,800 LBS.		
5.3	GVWR	5,200 LBS.		

SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.3	WHEELS	GRAY OR SILVER, STEEL WHEELS	
6.4	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.5	STEERING	POWER ASSISTED	
6.6	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	120.0"	
7.2	OVERALL LENGTH	189.0"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY	TWO (2)	
8.2	SEATING		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY VINYL	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE DRIVER & PASSENGER FLOOR AREA	
8.4	CARGO FLOOR COVERING	SPRAY-IN HEAVY DUTY FLOOR LINER	
8.5	DOMES LIGHT(S)	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.6	CARGO AREA LIGHT(S)	TWO (2) OEM FACTORY INSTALLED LED DOME LIGHTS OR WMATA APPROVED EQUAL	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
9.2.3		SHORT ARM	
9.3	GRILL	BLACK, GRAY OR BODY COLOR	
9.4	FRONT BUMPER	BLACK	
9.5	REAR BUMPER	BLACK w/ INTEGRATED STEP	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER FRONT	
10.1.2		SAFETY CANOPY SIDE CURTAIN	

10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS		
10.2.1		HEIGHT ADJUSTABLE		
10.2.2		RETRACTABLE		
10.2.3		THREE POINT		
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED		
10.4	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.5	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED		
10.6	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED		
10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (CARGO & HIGH CUBE VANS): SHALL HAVE THE READER MOUNTED ON THE INTERIOR OF FRONT WINDSHIELD, FUELING SIDE, AS LOW AND AS CLOSE TO THE PILLAR AS POSSIBLE			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>ALL CONNECTIONS:</b> MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>			
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			

11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>11.2</b>	<b>CARGO AREA PACKAGE</b>		
11.2.1	<b>PARTITION:</b> STEEL, MOUNTED BETWEEN PASSENGER COMPARTMENT & CARGO AREA		
11.2.1.1	<b>MOUNTING:</b> PARTITION MUST BE INSTALLED TO ALLOW UNRESTRICTED FULL MOVEMENT OF THE DRIVER'S & PASSENGER'S SEAT TO ALL POSITIONS		
11.2.2	<b>SHELF UNIT:</b> KARGO-MASTER 4832L SHELF, ADJUSTABLE NO-DRILL SHELF UNIT 32" W X 43" H X 14" D OR WMATA APPROVED EQUAL DESIGNED TO PROPERLY FIT PROPOSED VEHICLE		
11.2.2.1	<b>MOUNTING:</b> PERMANENTLY MOUNTED INSIDE REAR CARGO DOORS. FINAL MOUNTING POSITION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
11.2.3	<b>BIN MODULE:</b> KARGO-MASTER 48240 PLASTIC SMALL PARTS BIN MODULE, 20"W (INCL. 12 X 5" W X 3.5" H X 11" D BINS + 60 DIVIDERS+LIP) OR WMATA APPROVED EQUAL DESIGNED TO PROPERLY FIT SHELF UNIT PROVIDED		
11.2.4	<b>SLIDING CARGO TRAY:</b> RANGER DESIGN 5037-3 DRAWER SYSTEM, SLIDING CARGO TRAY WITH ONE (1) SHELF / THREE (3) DRAWERS, 38"D x 45"W x 42"H OR WMATA APPROVED EQUAL		
11.2.4.1	<b>MOUNTING:</b> PERMANENTLY MOUNTED INSIDE SIDE CARGO DOORS. FINAL MOUNTING POSITION MUST BE APPROVED BY WMATA PRIOR TO INSTALLATION		
<b>11.3</b>	<b>STROBE LIGHTS</b>		
11.3.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.3.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.3.3	<b>CONTROL UNIT:</b> SYSTEM SHALL INCLUDE A CONTROLLER UNIT THAT CONTROLS THE FLASH RATES & PATTERNS		
11.3.4	<b>CONTROL SWITCH:</b> LIGHTS SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. IF OEM UPFITTER SWITCH IS NOT AVAILABLE, OFFEROR MUST PROVIDE SWITCH TYPE & PROPOSED MOUNTING LOCATION WITH PROPOSAL. SWITCH MUST BE CLEARLY LABELED: STROBES		
11.3.5	<b>INSTALLATION:</b> BIDDER SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.4</b>	<b>POWER INVERTER SYSTEM (FOR CARGO VAN)</b>		
11.4.1	<b>TYPE:</b> DIMENSIONS OR WMATA APPROVED EQUAL PURE SINE WAVE POWER INVERTER. 12 VDC INPUT VOLTAGE TO 120 VAC OUTPUT VOLTAGE/ 1,200 WATT OUTPUT POWER. INDEPENDENT DC POWER SOURCE ISOLATED FROM NORMAL VEHICLE OPERATION w/ ATTENTION TO VEHICLE COMPUTER LOGIC. UNIT MUST HAVE SURGE CAPABILITY w/ HEAVY FUSED CIRCUIT PROTECTION TO DE-ENERGIZE SYSTEM. OFFEROR SHALL UTILIZE PROPER SUPPORT SYSTEM, OEM DESIGNATED CABLES, CIRCUIT PROTECTION AND RELATED ITEMS FOR OPERATION		
11.4.2	<b>INVERTER:</b> UL CERTIFIED INVERTER SHALL BE SHOCK MOUNTED FOR VIBRATION PROTECTION, MOUNTED IN A WELL VENTILATED, WEATHER RESISTANT LOCATION AND BE PROTECTED FROM CONTACT DAMAGE		
11.4.3	<b>BATTERY:</b> OFFEROR SHALL PROVIDE PROPER SUPPORT SYSTEM w/ ABSORBED GLASS MAT (AGM) TYPE DEEP CELL BATTERY MOUNTED IN A WELL VENTILATED AND WEATHER RESISTANT LOCATION. SHALL BE EASILY ACCESSIBLE AND PROTECTED FROM CONTACT DAMAGE. BATTERY SHALL BE CHARGED BY VEHICLE CHARGING CIRCUIT		

11.4.4	<b>RECEPTACLES:</b> TWO (2) 20 AMP, 120 VOLT GFCI OUTLETS SHALL BE WIRED TO INVERTER AND INSTALLED IN FLUSH MOUNTED WEATHER RESISTANT BOX w/ FLIP LID ON THE RIGHT REAR SIDE OF BODY EXTERIOR. REFERENCE PIC ATTACHED		
11.4.5	<b>CONTROL SWITCH:</b> INVERTER SHALL BE ACTIVE ONLY WHEN THE VEHICLE ENGINE IS RUNNING. POWER TO THE INVERTER SHALL BE OPERATED FROM AN OEM UPFITTER SWITCH. IF OEM UPFITTER SWITCH IS NOT AVAILABLE, OFFEROR MUST PROVIDE SWITCH TYPE & PROPOSED MOUNTING LOCATION WITH PROPOSAL. WMATA MUST APPROVE SWITCH TYPE & MOUNTING LOCATION. SWITCH MUST BE CLEARLY LABELED: INVERTER		
11.4.6	<b>POWER INDICATOR:</b> SHALL BE EQUIPPED w/ A RED WARNING LIGHT MOUNTED IN THE CAB TO ALERT OPERATOR WHEN MASTER POWER TO THE INVERTER IS TURNED ON. WMATA MUST APPROVE MOUNTING LOCATION PRIOR TO INSTALLATION. LIGHT MUST BE CLEARLY LABELED: INVERTER POWER		
11.4.7	OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5	<b>LADDER RACK:</b> ROOF MOUNTED LADDER RACK		
<b>SECTION 12: BODY</b>			
12.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
12.2	<b>CHEVRON DESIGN REFLECTIVE DECALING</b>		
12.2.1	<b>SCOPE:</b> OFFEROR SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.2.2	<b>DESIGN:</b> OFFEROR MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.2.3	<b>MATERIALS (TWO INCH):</b> 3M OR WMATA APPROVED EQUAL DIAMOND GRADE CONSPICUITY MARKINGS, SERIES 983 ES FLUORESCENT YELLOW-GREEN, TWO (2) INCH WIDTH, ITEM NUMBER 983232.00, PART NUMBER 75030161832. 3M OR WMATA APPROVED EQUAL 8482 SCOTCHLITE OR WMATA APPROVED EQUAL REFLECTIVE GRAPHIC FILM STRIPING, SERIES 680, BLACK, TWO (2) INCH WIDTH, SEVEN (7) MIL, ITEM NUMBER 680-85, PART NUMBER 680852.00		
12.2.4	<b>INSTALLATION:</b> OFFEROR SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING		
12.2.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.2.6	<b>WARRANTY:</b> OFFEROR SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE.		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA SVMT FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 7**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**PASSENGER VAN, FULL-SIZE, .5 TON**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*December 7, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE(S) USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR	
2.2	MAKE/ MODEL	FORD TRANSIT 150 WAGON OR WMATA APPROVED EQUAL	
2.3	BODY/ CAB STYLE		
2.3.1		FULL SIZE REGULAR LENGTH PASSENGER VAN	
2.3.2		LOW ROOF	
2.3.3		SWING OUT CURB-SIDE & REAR DOORS	
2.3.4		SOLID PANELS (NO GLASS) ON CURB-SIDE & REAR DOORS	
2.4	DRIVE TYPE	REAR WHEEL DRIVE (RWD), SINGLE REAR WHEEL (SRW)	
2.5	VEHICLE PAINT COLOR	SOLID WHITE	
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (EXAMPLE: 2016 FORD EXPLORER XLT)		
2.6.1	YEAR:		
2.6.2	MAKE:		
2.6.3	MODEL:		
2.6.4	TRIM LEVEL/PKG.:		

**SECTION 3: POWERTRAIN**

3.1	ENGINE TYPE, DISPLACEMENT	V6, 3.7L/ 228	
3.2	FUEL SYSTEM TYPE	GAS, ELECTRONIC FUEL INJECTION	
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 25 GALLONS	
3.4	TRANSMISSION TYPE	ELECTRONICALLY CONTROLLED 6 SPEED AUTOMATIC w/ OVERDRIVE	

**SECTION 4: ELECTRICAL SYSTEM**

4.1	BATTERY: STANDARD FOR VEHICLE SPECIFIED	
4.1.1	TYPE & MOUNTING LOCATION: IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE	
4.1.2	DOCUMENTATION: BIDDER MUST PROVIDE DOCUMENTATION WITH THEIR BID TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE OFFERING	
4.2	ALTERNATOR: STANDARD FOR VEHICLE SPECIFIED	

**SECTION 5: WEIGHT RATINGS**

5.1	FRONT GAWR	4,130 LBS.	
5.2	REAR GAWR	5,070 LBS.	
5.3	GVWR	8,550 LBS.	



SECTION 6: CHASSIS			
6.1	SUSPENSION TYPE, FRONT	INDEPENDENT	
6.2	SUSPENSION TYPE, REAR	LEAF SPRINGS	
6.3	REAR AXLE	LIMITED SLIP	
6.4	TIRES, FRONT & REAR	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.5	WHEELS, FRONT & REAR	GRAY OR SILVER STEEL WHEELS	
6.6	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.7	STEERING TYPE	POWER ASSISTED	
6.8	BRAKE SYSTEM TYPE	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	129.0"	
7.2	OVERALL LENGTH	220.0" MAX	
7.3	HEIGHT (INCHES)	84.0" MAX ROOF HEIGHT	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	EIGHT (8)/ 2-3-3	
8.2	SEATING	DARK COLORED CLOTH HIGH BACK SEATS w/ALL POSITION HEAD RESTRAINTS & POWER ADJUSTABLE DRIVER'S SEAT	
8.2	SEATING		
8.2.1	TYPE	FRONT HIGH BACK BUCKET SEATS	
8.2.2	MATERIAL	HEAVY DUTY CLOTH	
8.2.3	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	DOME LIGHT(S)	OEM FACTORY INSTALLED ONE (1) PER ROW OF SEATING	
8.4	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
8.5	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA INCLUDING CARGO AREA & WHEEL WELLS	
8.6	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.7	SOUND SYSTEM/ RADIO	AM/ FM STEREO, CD PLAYER, AUX. AUDIO INPUT	
8.8	VOICE ACTIVATED COMMUNICATIONS	YES, INCLUDING BLUETOOTH CAPABILITY & STEERING WHEEL CONTROLS	
8.9	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	CRUISE CONTROL	YES w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	CLIMATE CONTROL	FRONT & REAR HEAT, VENTILATION & AIR CONDITIONING	
8.12	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.14	WINDSHIELD WIPERS	VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.15	GLASS		
8.15.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.15.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.16	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	

SECTION 9: EXTERIOR			
9.1	FRONT GRILL COLOR	BLACK	
9.2	FRONT BUMPER OR FASCIA COLOR	BLACK	
9.3	REAR BUMPER OR FASCIA COLOR	BLACK	
9.4	REAR BUMPER	STEP TYPE	
9.5	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR SHALL HAVE LIGHT(S) TO ILLUMINATE TAG	
9.6	MIRRORS	DRIVER & PASSENGER SIDE	
9.6.1		SHORT ARM	
9.6.2		POWER ADJUSTABLE	
9.6.3		HEATED	
9.6.4		DRIVER & PASSENGER SIDE BLIND SPOT MIRRORS	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIR BAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	EXTERIOR AUDIBLE REVERSE ALARM	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR			
11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING: MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	READER: MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	MODULE: SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	ANTENNA (SMALL GPS MODULE): SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	SYSTEM GROUND: MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		

11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>SECTION 12: BODY</b>			
12.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>			
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTYDETAILS, TERMS & CONDITIONS		

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 6**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**PASSENGER TRUCK, FULL-SIZE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*December 7, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B	
	SPECIFICATION	MEETS SPEC	

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET SUBURBAN, FORD EXPEDITION EL OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR FULL-SIZE SPORT UTILITY VEHICLE		
2.4	DRIVE TYPE	FOUR WHEEL DRIVE (4WD), SINGLE REAR WHEELS (SRW)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	3.5L V6 TURBOCHARGED OR V8		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK QUANTITY, CAPACITY	ONE (1), 31 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF)		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 5: WEIGHT RATINGS**

5.1	GVWR	7,500 LBS.		
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**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	INDEPENDENT		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	GRAY OR SILVER, STEEL WHEELS		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

**SECTION 7: DIMENSIONS**

7.1	WHEEL BASE	130.0"		
7.2	OVERALL LENGTH	221.0"		

SECTION 8: INTERIOR			
8.1	<b>PASSENGER CAPACITY/ CONFIGURATION</b>	EIGHT (8)/ 2-3-3	
8.2	<b>SEATING</b>		
8.2.1	MATERIAL	HEAVY DUTY VINYL	
8.2.2	COLOR	MEDIUM OR DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.3	ADJUSTMENT	MANUALLY ADJUSTABLE	
8.2.4	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA INCLUDING CARGO AREA	
8.4	<b>DOMES LIGHT(S)</b>	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.5	<b>CARGO AREA LIGHT(S)</b>	OEM FACTORY INSTALLED	
8.6	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.7	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	<b>CLIMATE CONTROL</b>	FRONT & REAR HEAT, VENTILATION & AIR CONDITIONING	
8.12	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.14	<b>WINDSHIELD WIPERS</b>	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.15	<b>GLASS</b>		
8.15.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.15.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.16	<b>REAR WINDOW DEFROSTER</b>	OEM FACTORY INSTALLED	
SECTION 9: EXTERIOR			
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	<b>AIR BAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT- MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
10.4	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
10.5	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
10.6	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED	

10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
10.9	<b>EXTERIOR AUDIBLE REVERSE ALARM</b>	WHELEN MODEL WBUA112, 87-112dB, SELF-ADJUSTING OR WMATA APPROVED EQUAL		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>			
11.1.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)			
11.1.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
11.1.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE			
11.1.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONENT BEING INSTALLED			
11.1.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED			
11.1.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS			
11.1.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS			

<b>11.2</b>	<b>STEPS</b>		
11.2.1	<b>TYPE:</b> LUVERNE BAJA, N-FAB NERF-STEP OR WMATA APPROVED EQUAL (REFERENCE PHOTO ATTACHED)		
11.2.2	<b>DESCRIPTION:</b> DROP STEP NERF BARS w/ INTEGRATED ANTI-SLIP STEP SURFACE AT EACH DOOR. BARS w/ STEP SURFACES THAT ARE REPLACEABLE (I.E., PLASTIC INSERTS) WILL NOT BE ACCEPTED. RUNNING BOARDS WILL NOT BE ACCEPTED		
11.2.3	<b>STEP QTY:</b> SHALL HAVE TWO (2) STEPS ON EACH BAR		
11.2.4	<b>MATERIAL:</b> STEEL, ALL WELDED ONE-PIECE CONSTRUCTION		
11.2.5	<b>COATING:</b> TEXTURED BLACK POWDER COAT FINISH		
11.2.6	<b>MOUNTING:</b> BARS SHALL BE INSTALLED ON BOTH SIDES OF TRUCK AND ATTACHED TO THE OEM APPROVED MOUNTING LOCATIONS. OFFEROR SHALL SUPPLY ALL NECESSARY MOUNTING BRACKETS & HARDWARE		
11.2.7	<b>WARRANTY:</b> LIFETIME ON PRODUCT & FIVE (5) YEAR ON FINISH		
11.2.8	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

**SECTION 12: BODY**

12.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
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**SECTION 13: ADDITIONAL REQUIREMENTS**

13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
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**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**NERF BAR w/ INTEGRATED STEPS**





**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 5**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**UTILITY VEHICLE, SUV, MID-SIZE**

**FOR SOM'S**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 15, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1	<b>VEHICLE USAGE:</b>
1.1.1	UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED BY STREET OPERATIONS MANAGERS (SOM'S) TO MANAGE BUS OPERATIONS IN THE WASHINGTON METROPOLITAN AREA AND TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	<b>YEAR</b>	2019 OR MOST CURRENT MODEL YEAR		
2.2	<b>MAKE/ MODEL</b>	FORD INTERCEPTOR UTILITY OR WMATA APPROVED EQUAL		
2.3	<b>BODY/ CAB STYLE</b>	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE		
2.4	<b>DRIVE TYPE</b>	AUTOMATIC FULL TIME ALL WHEEL DRIVE (AWD)		
2.5	<b>VEHICLE PAINT COLOR</b>	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	<b>ENGINE</b>	V6		
3.2	<b>FUEL SYSTEM</b>	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	<b>FUEL TANK CAPACITY</b>	18.0 GALLONS		
3.4	<b>TRANSMISSION</b>	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	<b>BATTERY: MAINTENANCE-FREE</b>			
4.1.1	<b>TYPE &amp; COLD CRANKING AMPS:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	<b>MOUNTING LOCATION:</b> IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.3	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE			
4.2	<b>ALTERNATOR:</b>			
4.2.1	<b>TYPE &amp; OUTPUT AMPERAGE:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			

<b>SECTION 5: WEIGHT RATINGS</b>			
5.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
<b>SECTION 6: CHASSIS</b>			
6.1	<b>SUSPENSION, FRONT</b>	INDEPENDENT	
6.2	<b>SUSPENSION, REAR</b>	INDEPENDENT	
6.3	<b>TIRES</b>	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.4	<b>WHEELS</b>	SILVER PAINTED ALUMINUM. WHEEL COVERS ARE UNACCEPTABLE	
6.5	<b>SPARE TIRE &amp; WHEEL</b>	STANDARD TYPE & SIZE	
6.6	<b>STEERING</b>	POWER ASSISTED	
6.7	<b>BRAKE SYSTEM</b>	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
<b>SECTION 7: DIMENSIONS</b>			
7.1	<b>EXTERIOR:</b>		
7.1.1	WHEEL BASE	112.0", 114.0" MAX	
7.1.2	OVERALL LENGTH	197.0", 200.0" MAX	
7.1.3	WIDTH, EXCLUDING MIRRORS	78.0", 80.0" MAX	
<b>SECTION 8: INTERIOR</b>			
8.1	<b>PASSENGER CAPACITY/ CONFIGURATION</b>	FIVE (5)/ 2-3	
8.2	<b>SEATING</b>		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	HEAVY-DUTY CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	<b>FLOOR COVERING</b>		
8.3.1	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA INCLUDING CARGO AREA		
8.3.2	OEM, WEATHERTECH OR WMATA APPROVED EQUAL, DARK COLORED RUBBER FLOOR LINERS DESIGNED FOR THE SPECIFIC VEHICLE SHALL BE PROVIDED FOR THE FIRST ROW (DRIVER & PASSENGER)		
8.4	<b>DOMES LIGHT(S)</b>	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.5	<b>CARGO AREA LIGHT(S)</b>	OEM FACTORY INSTALLED	
8.6	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
8.7	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING	
8.12	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	<b>DOOR LOCK PLUNGER</b>	MUST BE VISIBLE & OPERABLE	
8.14	<b>REAR DOOR HANDLES &amp; LOCKS</b>	MUST BE OPERABLE	
8.15	<b>KEYS</b>	MUST BE UNIQUE TO EACH VEHICLE. NO FLEET KEY	
8.16	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.17	<b>WINDSHIELD WIPERS</b>	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	

8.18	<b>GLASS</b>		
8.18.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.18.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.19	<b>REAR WINDOW DEFROSTER</b>	OEM FACTORY INSTALLED	
8.20	<b>SHIFTER</b>	TRANSMISSION SHIFTER MUST BE ON STEERING COLUMN. CENTER CONSOLE MOUNTED SHIFTER IS UNACCEPTABLE	
<b>SECTION 9: EXTERIOR</b>			
9.1	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>			
10.1	<b>AIRBAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
10.4	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
10.5	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
10.6	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED	
10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	<b>FIRE EXTINGUISHER</b>	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. SHALL BE MOUNTED TO THE STORAGE CABINET. WMATA MUST APPROVE MOUNTING LOCATION ON CABINET PRIOR TO INSTALLATION	
10.10	<b>FIRST AID KIT</b>	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>			
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		

11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVILENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AC VOLTAGE POWER INVERTER/OUTLET(S)</b>		
11.1.1	<b>TYPE:</b> MORNINGSTAR SURESINE PROFESSIONAL SERIES MODEL NUMBER SI-300-115V-UL OR WMATA APPROVED EQUAL PURE SINE WAVE INVERTER		
11.1.1.1	<b>OUTPUT:</b> MINIMUM 300 WATT		
11.1.1.2	<b>OUTLETS:</b> FOUR (4) GANG OUTLET STRIP MOUNTED ON CENTER CONSOLE		
11.1.1.3	<b>OFFEROR</b> SHALL PROVIDE & INSTALL ALL SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING & CIRCUIT PROTECTION		
<b>11.2</b>	<b>STORAGE CABINET (SEE ATTACHED DRAWINGS)</b>		
11.2.1	<b>TYPE:</b> CARGO STORAGE CABINET w/ TWO (2) FULL WIDTH STACKED DRAWERS		
11.2.2	<b>CONSTRUCTION:</b> ALUMINUM		
11.2.3	<b>COLOR/COATING:</b> NATURAL ALUMINUM FINISH w/ BLACK TEXTURE TOP SURFACE		
11.2.4	<b>FITMENT:</b> SHALL BE DESIGNED TO FIT PROPOSED VEHICLE		
11.2.5	<b>MOUNTING:</b> CABINET SHALL BE PERMANENTLY MOUNTED IN CARGO AREA BEHIND 2ND ROW OF SEATING. CABINET SHALL BE ATTACHED TO A MOUNTING BRACKET THAT ALLOWS UNRESTRICTED ACCESS TO THE SPARE TIRE WITHOUT UNLOADING CONTENTS OF CABINET OR MOVING THE CABINET		
11.2.6	<b>OVERALL DIMENSIONS:</b> APPROX. 40" W x 24" D x 27" H ( HEIGHT IS FROM CARGO AREA FLOOR TO TOP OF INSTALLED CABINET)		
11.2.7	<b>DRAWERS:</b>		
11.2.7.1	<b>TOP DRAWER:</b> 8" H, SHALL INCLUDE TWO (2) SIDE TO SIDE DIVIDERS		
11.2.7.2	<b>BOTTOM DRAWER:</b> 12" H, SHALL INCLUDE TWO (2) FIXED SECTIONS FOR FILES (12.375" W), ONE (1) FIXED SECTION FOR STORAGE w/ TWO (2) SIDE TO SIDE DIVIDERS (11.75" W)		
11.2.7.3	<b>SLIDES:</b> MIN. 200 LB., 100% FULL EXTENSION, BALL BEARING DETACHABLE SLIDES. ONE (1) ON EA. SIDE OF TOP DRAWER, TWO (2) ON EA. SIDE OF BOTTOM DRAWER		
11.2.7.4	<b>LATCHING:</b> MUST HAVE DUAL LATCHING SYSTEM ON DRAWERS TO PREVENT DRAWERS FROM OPENING ON THEIR OWN. ONE (1) HANDED DRAWER OPERATION		
11.2.7.5	<b>LOCKS:</b> NO LOCKS REQUIRED		
11.2.7.6	<b>MAT:</b> RUBBER MATTING INSTALLED IN BOTH DRAWERS		

<b>11.3</b>	<b>STROBE LIGHTS</b>		
11.3.1	<b>FOUR CORNER LIGHTS</b>		
11.3.1.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER/WHITE SPLIT COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.3.1.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.3.2	<b>REAR DOOR LIGHTS</b>		
11.3.2.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL AMBER/WHITE SPLIT COLOR CONFIGURATION, HIGH INTENSITY LED STROBE LIGHTS		
11.3.2.2	<b>MOUNTING:</b> ONE (1) LIGHT FLUSH MOUNTED ON EACH SIDE OF BOTTOM OF THE REAR CARGO DOOR. LIGHTS MUST BE VISIBLE FROM THE REAR WHEN DOOR IS OPEN. LIGHTS SHALL BE MOUNTED TOWARD THE OUTER EDGE OF EACH SIDE OF DOOR (REFERENCE PHOTO ATTACHED)		
<b>11.4</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.4.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LED LIGHT SYSTEM w/ AMBER/WHITE SPLIT COLOR CONFIGURATION (MIN. SIX (6) LIGHTHEADS). MUST HAVE ARROWSTIK FUNCTIONALITY		
11.4.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED ON THE EXTERIOR NEAR THE TOP OF REAR CARGO DOOR WINDOW, UNDER SPOILER. LIGHTS SHALL NOT INTERFERE WITH REAR DOOR OPERATION		
<b>11.5</b>	<b>AFTERMARKET LIGHT SYSTEMS</b>		
11.5.1	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5.2	<b>WARRANTY TERM:</b> ALL AFTERMARKET LIGHTS SHALL HAVE MIN. FIVE (5) YEAR WARRANTY		
11.5.2.1	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY TERMS & CONDITIONS OF ALL AFTERMARKET LIGHTS		
<b>11.6</b>	<b>CONTROL SWITCHES:</b> SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION ON CONSOLE PRIOR TO INSTALLATION		
11.6.1	INDIVIDUAL SWITCHES MUST BE CLEARLY LABELED:		
11.6.1.1	SWITCH 1: <b>MASTER LIGHTS.</b> SHALL CONTROL ALL LIGHTS OUTLINED IN SECTION 11.3 & 11.4		
11.6.1.2	SWITCH 2: <b>ARROW LEFT</b>		
11.6.1.3	SWITCH 3: <b>ARROW RIGHT</b>		
<b>11.7</b>	<b>TWO-WAY RADIO VEHICULAR TRAVEL CHARGER</b>		
11.7.1	<b>TYPE:</b> MOTOROLA APEX OR WMATA APPROVED EQUAL RAPID CHARGER		
11.7.2	<b>MOUNTING:</b> ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION ON CONSOLE PRIOR TO INSTALLATION		
11.7.3	CHARGER SHALL ALLOW RADIO TO BE USED WHILE CHARGING		
<b>11.8</b>	<b>CENTER CONSOLE</b>		
11.8.1	<b>TYPE:</b> HAVIS OR WMATA APPROVED EQUAL		
11.8.2	<b>CONSOLE:</b> C-VS-1308-INUT OR WMATA APPROVED EQUAL		
11.8.3	<b>ACCESSORY PLATE:</b> C-LP-2 OR WMATA APPROVED EQUAL, w/ TWO 12V OUTLET PLUGS		
11.8.4	<b>DUAL CUP HOLDER:</b> C-CUP2-I OR WMATA APPROVED EQUAL		
11.8.5	<b>ARM REST:</b> C-ARM-103 OR WMATA APPROVED EQUAL w/ LARGE REST PAD		
11.8.6	<b>TELESCOPING POLE:</b> C-HDM-204 OR WMATA APPROVED EQUAL, HEAVY DUTY, 8.5"		
11.8.7	<b>PLATFORM:</b> C-HDM-303 OR WMATA APPROVED EQUAL, 6" HEAVY DUTY OFFSET PLATFORM		
11.8.8	<b>ADAPTER:</b> C-MD-204 OR WMATA APPROVED EQUAL, TILT/SWIVEL ADAPTER		
11.8.9	<b>COMPUTER DOCKING STATION:</b> FOR DELL TOUGH BOOK		

<b>11.9</b>	<b>SEAT GEAR ORGANIZER w/ PRINTER HOLDER (SEE ATTACHED PHOTO)</b>		
11.9.1	TYPE: PROGARD MODEL D2951 OR WMATA APPROVED EQUAL		
11.9.2	DESIGNED TO FIT ON PASSENGER FRONT SEAT		
11.9.3	PORTABLE DESIGN w/ INTEGRATED CARRY HANDLE		
11.9.4	NON-REFLECTIVE FINISH		
<b>11.10</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.10.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.10.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.10.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.10.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.10.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.10.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.10.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>SECTION 12: BODY</b>			
<b>12.1</b>	<b>STANDARD FOR VEHICLE SPECIFIED</b>		
<b>12.2</b>	<b>BADGE DELETE: ALL POLICE INTERCEPTOR BADGING SHALL BE REMOVED FROM EXTERIOR</b>		
<b>12.3</b>	<b>CHEVRON DESIGN REFLECTIVE DECALING</b>		
12.3.1	<b>SCOPE:</b> OFFEROR SHALL INSTALL WMATA APPROVED CHEVRON DESIGN REFLECTIVE DECALING ON THE REAR OF VEHICLE(S) FOR ENHANCED VISIBILITY AND DETECTION. MUST MEET OR EXCEED ALL FMVSS 108 REQUIREMENTS		
12.3.2	<b>DESIGN:</b> OFFEROR MUST PROVIDE A LAYOUT PLAN FOR THE VEHICLE MODEL SPECIFIED FOR WMATA'S APPROVAL BEFORE INSTALLATION		
12.3.3	<b>MATERIALS (TWO INCH):</b> 3M SCOTCHLITE PRINT WRAP REFLECTIVE FILM, PRODUCT #780MC-10R w/ TWO INCH STRIPE WIDTH. STRIPES SHALL BE ALTERNATING FLUORESCENT YELLOW-GREEN AND NON-REFLECTIVE BLACK		
12.3.4	<b>INSTALLATION:</b> OFFEROR SHALL REMOVE AND RE-INSTALL ANY ORIGINAL EQUIPMENT MANUFACTURER (OEM) TRIM, EMBLEMS, ETC. THAT OBSTRUCTS THE CHEVRON DESIGN. DECALING SHALL NOT BE APPLIED OVER WINDOWS OR VEHICLE LIGHTING. FILM MUST BE FREE OF AIR BUBBLES AND/OR LOOSE EDGES		
12.3.5	<b>VEHICLE PREPARATION:</b> VEHICLE(S) MUST BE CLEAN AND DRY. THE AREA WHERE CHEVRON IS TO BE INSTALLED SHALL BE WIPED OFF WITH AUTOMOTIVE WAX AND GREASE REMOVER		
12.3.6	<b>WARRANTY:</b> OFFEROR SHALL WARRANTY MATERIAL AND LABOR FOR SEVEN (7) YEARS FROM VEHICLE(S) IN-SERVICE DATE.		
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>			
<b>13.1</b>	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
<b>13.2</b>	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE PROPOSAL, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
<b>13.3</b>	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		



**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES		
14.3	POWERTRAIN, OEM FACTORY: FIVE (5) YEARS/ 100,000 MILES		
14.4	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**REAR DOOR LIGHTS (EA. LIGHT WILL BE AMBER/WHITE SPLIT)**



**SEAT GEAR ORGANIZER**





STORAGE CABINET

NOTES:

- ALUMINUM CONSTRUCTION
- FORD INTERCEPTOR INSTALL BASE WITH SPARE TIRE ACCESS

CABINET:

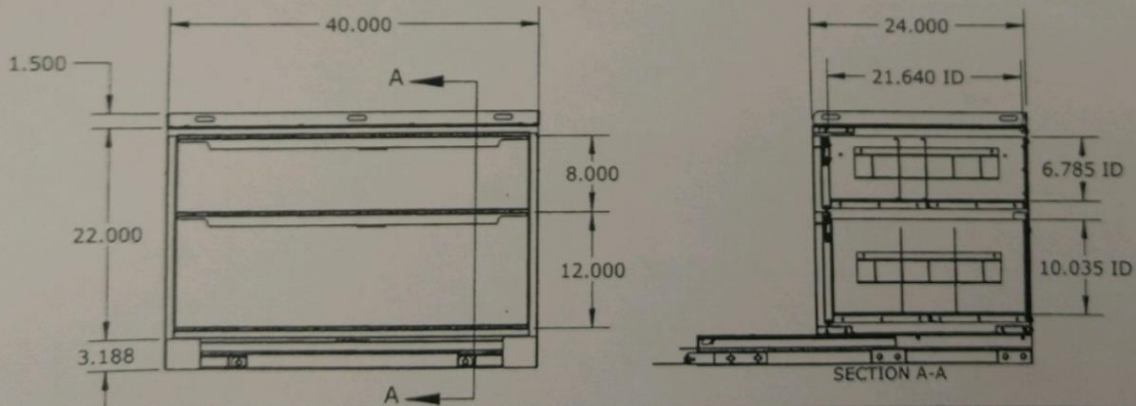
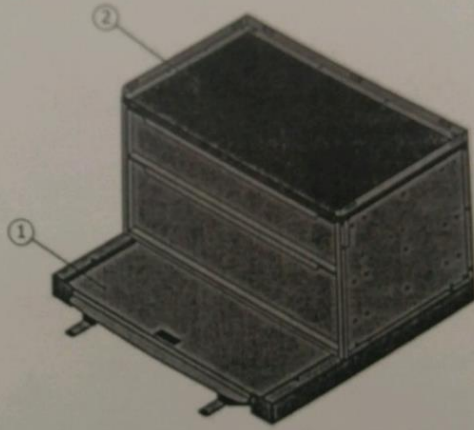
- TUSZEDO BLACK TEXTURE ON TOP SURFACE
- 1.5" CARGO RAIL AROUND AROUND SIDES AND BACK

TOP DRAWER (8"H):

- 200LBS SLIDES, DETACHABLE
- 2X SIDE TO SIDE DIVIDERS
- RUBBER MATTING

BOTTOM DRAWER (12"H):

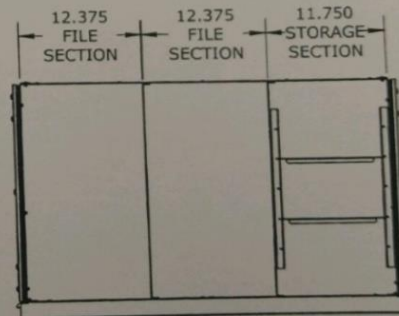
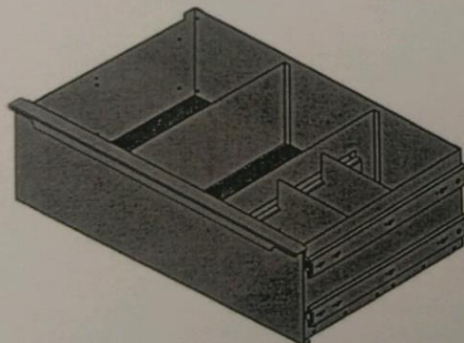
- 2X 200LBS SLIDES, DETACHABLE
- RUBBER MATTING
- 2 FIXED SECTIONS FOR FILES, 12.375"W
- 1 FIXED SECTION FOR STORAGE WITH 2X SIDE-TO-SIDE DIVIDERS, 11.75"W



TOP DRAWER



BOTTOM DRAWER



**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 4**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**UTILITY TRUCK, SUV, MID-SIZE**  
**FOR SAFETY DEPT.**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*March 15, 2018*

**SECTION 1: GENERAL INFORMATION**

1.1	<b>VEHICLE USAGE:</b>		
1.1.1	UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED BY THE DEPARTMENT OF SAFETY IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY		

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B	
	SPECIFICATION	MEETS SPEC	

**SECTION 2: BASE VEHICLE**

2.1	<b>YEAR</b>	2019 OR MOST CURRENT MODEL YEAR		
2.2	<b>MAKE/ MODEL</b>	FORD INTERCEPTOR UTILITY OR WMATA APPROVED EQUAL		
2.3	<b>BODY/ CAB STYLE</b>	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE		
2.4	<b>DRIVE TYPE</b>	AUTOMATIC FULL TIME ALL WHEEL DRIVE (AWD)		
2.5	<b>VEHICLE PAINT COLOR</b>	SOLID WHITE		
2.6	<b>OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)</b>			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	<b>ENGINE</b>	V6		
3.2	<b>FUEL SYSTEM</b>	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	<b>FUEL TANK CAPACITY</b>	18.0 GALLONS		
3.4	<b>TRANSMISSION</b>	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	<b>BATTERY: MAINTENANCE-FREE</b>			
4.1.1	<b>TYPE &amp; COLD CRANKING AMPS:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.1.2	<b>MOUNTING LOCATION:</b> IF LOCATED INSIDE THE PASSENGER COMPARTMENT OR INTERIOR CARGO AREA, THE BATTERY MUST BE AN ABSORBED GLASS MAT (AGM) TYPE			
4.1.3	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE BATTERY TYPE, MOUNTING LOCATION & COLD CRANKING AMPS THEY ARE			
4.2	<b>ALTERNATOR:</b>			
4.2.1	<b>TYPE &amp; OUTPUT AMPERAGE:</b> MUST MEET THE REQUIREMENTS OF THE SPECIFIED VEHICLE EQUIPPED WITH ALL OEM & AFTERMARKET ELECTRICAL COMPONENTS INCLUDED ON THE COMPLETED VEHICLE			
4.2.2	<b>DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE ALTERNATOR OUTPUT AMPERAGE OF THE ALTERNATOR THEY ARE OFFERING			

**SECTION 5: WEIGHT RATINGS**

5.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>			
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SECTION 6: CHASSIS			
6.1	SUSPENSION, FRONT	INDEPENDENT	
6.2	SUSPENSION, REAR	INDEPENDENT	
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS	
6.4	WHEELS	SILVER PAINTED ALUMINUM. WHEEL COVERS ARE UNACCEPTABLE	
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE	
6.6	STEERING	POWER ASSISTED	
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)	
SECTION 7: DIMENSIONS			
7.1	EXTERIOR:		
7.1.1	WHEEL BASE	112.0", 114.0" MAX	
7.1.2	OVERALL LENGTH	197.0", 200.0" MAX	
7.1.3	WIDTH, EXCLUDING MIRRORS	78.0", 80.0" MAX	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	HEAVY-DUTY CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING	HEAVY DUTY BLACK RUBBERIZED VINYL MUST COVER ENTIRE FLOOR AREA INCLUDING CARGO AREA	
8.4	DOME LIGHT(S)	OEM FACTORY INSTALLED, ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
8.6	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.7	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.8	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.9	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.10	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.11	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING	
8.12	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.13	DOOR LOCK PLUNGER	MUST BE VISIBLE & OPERABLE	
8.14	REAR DOOR HANDLES & LOCKS	MUST BE OPERABLE	
8.15	KEYS	MUST BE UNIQUE TO EACH VEHICLE. NO FLEET KEY	
8.16	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.17	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.18	GLASS		
8.18.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.18.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.19	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
8.20	SHIFTER	TRANSMISSION SHIFTER MUST BE ON STEERING COLUMN. CENTER CONSOLE MOUNTED SHIFTER IS UNACCEPTABLE	

SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
SECTION 10: SAFETY RELATED SPECIFICATIONS			
10.1	AIRBAGS		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
10.2	SEAT BELTS	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.3	DAYTIME RUNNING LIGHTS (DRL)	OEM FACTORY INSTALLED	
10.4	STABILITY CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.5	TRACTION CONTROL SYSTEM	OEM FACTORY INSTALLED	
10.6	TIRE PRESSURE MONITORING SYSTEM	OEM FACTORY INSTALLED	
10.7	REVERSE SENSING SYSTEM	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
10.8	REAR VIEW CAMERA SYSTEM	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	
10.9	FIRE EXTINGUISHER	ONE (1) 2.5 LB. DRY CHEMICAL BC RATED OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
10.10	FIRST AID KIT	ONE (1) 10 UNIT (10 PERSON) OR WMATA APPROVED EQUAL. ITEM SHIPPED LOOSE	
SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR			
11.0	FLEETWATCH GP55 SYSTEM:		
11.0.1	COMPONENT MOUNTING:	MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION	
11.0.2	READER:	MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR	
11.0.3	MODULE:	SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED	
11.0.4	ANTENNA (SMALL GPS MODULE):	SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA	
11.0.5	SYSTEM GROUND:	MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND	
11.0.6	BATTERY POWER:	MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)	

11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
<b>11.1</b>	<b>AC VOLTAGE POWER INVERTER/OUTLET(S)</b>		
11.1.1	<b>TYPE:</b> MORNINGSTAR SURESINE PROFESSIONAL SERIES MODEL NUMBER SI-300-115V-UL OR WMATA APPROVED EQUAL PURE SINE WAVE INVERTER		
11.1.2	<b>OUTPUT:</b> MINIMUM 300 WATT		
11.1.3	<b>OUTLETS:</b> FOUR (4) GANG OUTLET STRIP MOUNTED ON CENTER CONSOLE		
11.1.4	<b>OFFEROR SHALL PROVIDE &amp; INSTALL ALL SYSTEM COMPONENTS, MOUNTING BRACKETS, HARDWARE, PROPER WIRING &amp; CIRCUIT PROTECTION</b>		
<b>11.2</b>	<b>LIGHT BAR</b>		
11.2.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL FULL WIDTH, LOW PROFILE LIGHT BAR w/ RED/WHITE SPLIT COLOR CONFIGURATION. SHALL HAVE TAKE DOWN LIGHTS & ALLEY LIGHTS		
11.2.2	<b>MOUNTING:</b> SHALL BE PERMANENTLY MOUNTED ON THE CENTER OF THE ROOF BETWEEN THE FRONT DOORS. WIRING SHOULD BE CONCEALED ABOVE THE HEADLINER		
11.2.3	<b>OPERATION:</b> DRIVER'S SIDE ALLEY LIGHT, PASSENGER SIDE ALLEY LIGHT, TAKE DOWN LIGHTS & COLORED LIGHTS SHALL BE OPERATED INDEPENDENTLY FROM EACH OTHER. ONE SWITCH THAT OPERATES TAKE DOWN & ALLEY LIGHTS IS UNACCEPTABLE. <b>SEE SECTION 11.6</b>		
<b>11.3</b>	<b>STROBE LIGHTS</b>		
11.3.1	<b>FOUR CORNER LIGHTS</b>		
11.3.1.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL RED/WHITE SPLIT COLOR CONFIGURATION HIGH INTENSITY LED HIDDEN STROBE LIGHTS		
11.3.1.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH FRONT CORNER LIGHT MODULE AND ONE (1) LIGHT MOUNTED IN THE CLEAR LENS SECTION OF EACH REAR CORNER LAMP MODULE. MUST BE A WEATHERTIGHT INSTALLATION		
11.3.2	<b>REAR DOOR LIGHTS</b>		
11.3.2.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL RED/WHITE SPLIT COLOR CONFIGURATION, HIGH INTENSITY LED STROBE LIGHTS		
11.3.2.2	<b>MOUNTING:</b> ONE (1) LIGHT FLUSH MOUNTED ON EACH SIDE OF BOTTOM OF THE REAR CARGO DOOR. LIGHTS MUST BE VISIBLE FROM THE REAR WHEN DOOR IS OPEN. LIGHTS SHALL BE MOUNTED TOWARD THE OUTER EDGE OF EACH SIDE OF DOOR (REFERENCE PHOTO ATTACHED)		
11.3.3	<b>SIDE BODY LIGHTS</b>		
11.3.3.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL RED/WHITE SPLIT COLOR CONFIGURATION, SURFACE MOUNTED, HIGH INTENSITY LED STROBE LIGHTS		
11.3.3.2	<b>MOUNTING:</b> ONE (1) LIGHT MOUNTED ON EACH FRONT FENDER ABOVE THE WHEEL OPENING AND ONE (1) LIGHT MOUNTED ON EACH REAR QUARTER PANEL ABOVE THE WHEEL OPENING		



<b>11.4</b>	<b>TRAFFIC ADVISOR (AKA: ARROW LIGHT)</b>		
11.4.1	<b>TYPE:</b> WHELEN OR WMATA APPROVED EQUAL LED LIGHT SYSTEM w/ RED/WHITE SPLIT COLOR CONFIGURATION (MIN. SIX (6) LIGHTHEADS). MUST HAVE ARROWSTIK FUNCTIONALITY		
11.4.2	<b>MOUNTING:</b> PERMANENTLY MOUNTED ON THE EXTERIOR NEAR THE TOP OF REAR CARGO DOOR WINDOW, UNDER SPOILER. LIGHTS SHALL NOT INTERFERE WITH REAR DOOR OPERATION		
<b>11.5</b>	<b>AFTERMARKET LIGHT SYSTEMS</b>		
11.5.1	<b>INSTALLATION:</b> OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
11.5.2	<b>WARRANTY TERM:</b> ALL AFTERMARKET LIGHTS SHALL HAVE MIN. FIVE (5) YEAR WARRANTY		
11.5.2.1	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY TERMS & CONDITIONS OF ALL AFTERMARKET LIGHTS		
<b>11.6</b>	<b>CONTROL SWITCHES:</b> SHALL BE MOUNTED ON CENTER CONSOLE. WMATA MUST APPROVE MOUNTING LOCATION ON CONSOLE PRIOR TO INSTALLATION		
11.6.1	INDIVIDUAL SWITCHES MUST BE CLEARLY LABELED:		
11.6.2	SWITCH 1: <b>MASTER LIGHTS.</b> SHALL CONTROL ALL LIGHTS OUTLINED IN SECTIONS 11.2, 11.3 & 11.4. (NOT INCLUDING TAKEDOWN & ALLEY LIGHTS)		
11.6.3	SWITCH 2: <b>TAKE DOWNS</b>		
11.6.4	SWITCH 3: <b>ALLEY LEFT</b>		
11.6.5	SWITCH 4: <b>ALLEY RIGHT</b>		
11.6.6	SWITCH 5: <b>ARROW LEFT</b>		
11.6.7	SWITCH 6: <b>ARROW RIGHT</b>		
<b>11.7</b>	<b>CENTER CONSOLE</b>		
11.7.1	TYPE: HAVIS OR WMATA APPROVED EQUAL		
11.7.2	CONSOLE: C-VS-1308-INUT OR WMATA APPROVED EQUAL		
11.7.3	ACCESSORY PLATE: C-LP-2 OR WMATA APPROVED EQUAL, w/ TWO 12V OUTLET PLUGS		
11.7.4	DUAL CUP HOLDER: C-CUP2-I OR WMATA APPROVED EQUAL		
11.7.5	ARM REST: C-ARM-103 OR WMATA APPROVED EQUAL w/ LARGE REST PAD		
11.7.6	INSTALLATION: OFFEROR SHALL PROVIDE ALL NECESSARY MOUNTING BRACKETS, HARDWARE & PROPER WIRING & CIRCUIT PROTECTION		
<b>11.8</b>	<b>AFTERMARKET/ ADD-ON ELECTRICAL &amp; LIGHTING COMPONENTS</b>		
11.8.1	OFFEROR MUST PROVIDE PROPER WIRING AND CIRCUIT PROTECTION FOR ALL ELECTRICAL AND LIGHTING COMPONENTS THAT WILL HANDLE THE LOAD REQUIREMENTS OF THEIR INSTALLED COMPONENT(S)		
11.8.2	NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		
11.8.3	ALL CONNECTIONS MUST BE SOLDERED AND SEALED w/ SHRINK TUBE WHERE POSSIBLE		
11.8.4	ALL CONNECTIONS MUST BE HARD WIRED UNLESS OTHER METHOD IS RECOMMENDED AND PROVIDED BY THE MANUFACTURER OF THE COMPONET BEING INSTALLED		
11.8.5	ALL WIRING MUST BE ROUTED THROUGH LOOM AND PROPERLY SECURED		
11.8.6	ALL HOLES FOR WIRE ROUTING MUST HAVE GROMMETS		
11.8.7	ALL ELECTRICAL WIRING SHALL BE SHIELDED FROM EXHAUST SYSTEM, HIGH HEAT SOURCES AND MOVING PARTS		
<b>SECTION 12: BODY</b>			
<b>12.1</b>	STANDARD FOR VEHICLE SPECIFIED		
<b>12.2</b>	BADGE DELETE: ALL POLICE INTERCEPTOR BADGING SHALL BE REMOVED FROM EXTERIOR		

**SECTION 13: ADDITIONAL REQUIREMENTS**

13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>		
13.2	<b>PRE-CONSTRUCTION MEETING:</b> OFFEROR MUST CONTACT THE WMATA FLEET MANAGER TO SCHEDULE A PRE-CONSTRUCTION MEETING BETWEEN THE OFFEROR, SUB-CONTRACTOR(S), WMATA VEHICLE USERS AND SVMT PERSONNEL PRIOR TO START OF VEHICLE CONSTRUCTION		
13.3	<b>WHEEL ALIGNMENT:</b> SHALL BE PERFORMED TO COMPLETED VEHICLE AFTER ALL SPECIFIED PERMANENTLY MOUNTED EQUIPMENT (I.E., LIFT GATE, TOOL BOXES, AFTERMARKET BODY, POLICE EQUIPMENT, ETC.) HAS BEEN INSTALLED, PRIOR TO DELIVERY TO WMATA SITE. DOCUMENTATION OF ALIGNMENT SHALL BE PROVIDED UPON VEHICLE DELIVERY		

**SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)**

14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION		
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES		
14.3	<b>POWERTRAIN, OEM FACTORY:</b> FIVE (5) YEARS/ 100,000 MILES		
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS		

*PICTURES ARE SIMILAR TO VEHICLE/ EQUIPMENT BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE/ EQUIPMENT)*

**REAR DOOR LIGHTS (EA. LIGHT WILL BE RED/WHITE SPLIT)**





# FY-19 VEHICLE PURCHASE

**ITEM 3**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

## PASSENGER TRUCK, MID-SIZE SUV

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*November 16, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET TRAVERSE, FORD EXPLORER OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR MID-SIZE SPORT UTILITY VEHICLE		
2.4	DRIVE TYPE	FOUR (4) WHEEL DRIVE (4WD) OR ALL WHEEL DRIVE (AWD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	V6		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	18.0 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF) OR AUTOMATIC AWD/4WD		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 5: WEIGHT RATINGS**

5.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	INDEPENDENT		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD SIZE ALUMINUM WHEELS		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS			
<b>7.1</b>	<b>EXTERIOR:</b>		
7.1.1	WHEEL BASE	112.0"	
7.1.2	OVERALL LENGTH	197.0"	
SECTION 8: INTERIOR			
<b>8.1</b>	<b>PASSENGER CAPACITY</b>	SEVEN (7)	
<b>8.2</b>	<b>SEATING</b>		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
<b>8.3</b>	<b>FLOOR COVERING</b>		
8.3.1	CARPET	DARK GRAY OR WMATA APPROVED EQUAL DARK COLORED CARPET	
8.3.2	FLOOR LINERS	WEATHERTECH OR WMATA APPROVED EQUAL FIRST & SECOND ROW DARK COLORED RUBBER FLOOR LINERS	
8.3.3	CARGO AREA LINER	WEATHERTECH OR WMATA APPROVED EQUAL DARK COLORED RUBBER FLOOR LINER	
<b>8.4</b>	<b>DOMES LIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
<b>8.5</b>	<b>CARGO AREA LIGHT(S)</b>	OEM FACTORY INSTALLED	
<b>8.6</b>	<b>CARGO AREA COVER</b>	RETRACTABLE	
<b>8.7</b>	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
<b>8.8</b>	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
<b>8.9</b>	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
<b>8.10</b>	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
<b>8.11</b>	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
<b>8.12</b>	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING w/ ELECTRONIC AUTOMATIC TEMPERATURE CONTROL	
<b>8.13</b>	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
<b>8.14</b>	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
<b>8.15</b>	<b>WINDSHIELD WIPERS</b>	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
<b>8.16</b>	<b>GLASS</b>		
8.16.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.16.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
<b>8.17</b>	<b>REAR WINDOW DEFROSTER</b>	OEM FACTORY INSTALLED	
SECTION 9: EXTERIOR			
<b>9.1</b>	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
<b>9.2</b>	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	

SECTION 10: SAFETY RELATED SPECIFICATIONS			
<b>10.1</b>	<b>AIRBAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
<b>10.2</b>	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.2.3		FRONT HEIGHT ADJUSTABLE	
<b>10.3</b>	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
<b>10.4</b>	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.5</b>	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.6</b>	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.7</b>	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
<b>10.8</b>	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	

**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM:</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		

<b>SECTION 12: BODY</b>		
12.1	STANDARD FOR VEHICLE SPECIFIED	
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>		
13.1	SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE	
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>		
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES	
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES	
14.4	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS	

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 2**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**PASSENGER TRUCK, SMALL-SIZE SUV**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*November 16, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**\*\*\*\*\* ATTENTION OFFEROR \*\*\*\*\* VERY IMPORTANT \*\*\*\*\* READ BELOW \*\*\*\*\***

**\*\*\*\*\* THIS COMPLETED DOCUMENT MUST BE SUBMITTED WITH PROPOSAL \*\*\*\*\***

**OFFEROR MUST CHECK THE BOX IN COLUMN "B" IF THEIR PROPOSED SPEC MEETS THE WMATA REQUIREMENT**

**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET EQUINOX, FORD ESCAPE OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	FOUR (4) DOOR SMALL-SIZE SUV		
2.4	DRIVETRAIN	FOUR WHEEL DRIVE (4WD) OR ALL WHEEL DRIVE (AWD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	INLINE 4 CYLINDER		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	15 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		
3.5	FOUR WHEEL DRIVE SYSTEM	ELECTRONIC SHIFT-ON-THE-FLY (ESOF) OR AUTOMATIC AWD/4WD		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 5: WEIGHT RATINGS**

5.1	STANDARD FOR VEHICLE SPECIFIED			
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**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	INDEPENDENT		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD SIZE ALUMINUM WHEELS		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

SECTION 7: DIMENSIONS			
7.1	WHEEL BASE	105.0"	
7.2	OVERALL LENGTH	178.0"	
SECTION 8: INTERIOR			
8.1	PASSENGER CAPACITY/ CONFIGURATION	FIVE (5)/ 2-3	
8.2	SEATING		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
8.3	FLOOR COVERING		
8.3.1	CARPET	DARK GRAY OR WMATA APPROVED EQUAL DARK COLORED CARPET	
8.3.2	FLOOR LINERS	WEATHERTECH OR WMATA APPROVED EQUAL FIRST & SECOND ROW DARK COLORED RUBBER FLOOR LINERS	
8.3.3	CARGO AREA LINER	WEATHERTECH OR WMATA APPROVED EQUAL DARK COLORED RUBBER FLOOR LINER	
8.4	DOMES LIGHT(S)	ONE (1) PER ROW OF SEATING	
8.5	CARGO AREA LIGHT(S)	OEM FACTORY INSTALLED	
8.6	CARGO AREA COVER	RETRACTABLE	
8.7	AUXILLIARY POWER OUTLETS	TWO (2) 12V DC POWER OUTLETS	
8.8	SOUND SYSTEM/RADIO	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
8.9	VOICE-ACTIVATED COMMUNICATIONS	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
8.10	STEERING WHEEL/ COLUMN	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
8.11	CRUISE CONTROL	w/ STEERING WHEEL MOUNTED CONTROLS	
8.12	CLIMATE CONTROL	HEAT, VENTILATION & AIR CONDITIONING w/ ELECTRONIC AUTOMATIC TEMPERATURE CONTROL	
8.13	DOOR LOCKS	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
8.14	WINDOWS	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
8.15	WINDSHIELD WIPERS	FRONT & REAR VARIABLE SPEED INTERMITTENT w/ WASHERS	
8.16	GLASS		
8.16.1	WINDSHIELD & FRONT DOORS:	LIGHT/ SOLAR TINTED	
8.16.2	ALL OTHER WINDOWS:	TINTED PRIVACY GLASS	
8.17	REAR WINDOW DEFROSTER	OEM FACTORY INSTALLED	
SECTION 9: EXTERIOR			
9.1	LICENSE PLATE BRACKETS	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
9.2	MIRRORS	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	



SECTION 10: SAFETY RELATED SPECIFICATIONS			
<b>10.1</b>	<b>AIRBAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
<b>10.2</b>	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		HEIGHT ADJUSTABLE	
10.2.2		RETRACTABLE	
10.2.3		THREE POINT	
<b>10.3</b>	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
<b>10.4</b>	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.5</b>	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.6</b>	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.7</b>	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT	
<b>10.8</b>	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE	

**SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR**

<b>11.0</b>	<b>FLEETWATCH GP55 SYSTEM:</b>		
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION		
11.0.2	<b>READER:</b> MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR		
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED		
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA		
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND		
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)		
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED		

<b>SECTION 12: BODY</b>		
12.1	STANDARD FOR VEHICLE SPECIFIED	
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>		
13.1	SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE	
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>		
14.1	WARRANTY COMMENCEMENT: STARTS ON DATE OF DELIVERY TO WMATA LOCATION	
14.2	BUMPER TO BUMPER, OEM FACTORY: THREE (3) YEARS/ 36,000 MILES	
14.3	POWERTRAIN, OEM FACTORY: SEVEN (7) YEARS/ 100,000 MILES	
14.4	WARRANTY DOCUMENTATION: OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS	

**Exhibit 1, Vehicle Specifications**

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

**FY-19 VEHICLE PURCHASE**

**ITEM 1**

**LIGHT DUTY  
SERVICE VEHICLE SPECIFICATION**

**PASSENGER SEDAN, MID-SIZE**

*PICTURES ARE SIMILAR TO VEHICLE BEING SPECIFIED (THEY DO NOT DEPICT ACTUAL VEHICLE)*



*November 16, 2017*

**SECTION 1: GENERAL INFORMATION**

1.1 **VEHICLE USAGE:** UNDER NORMAL CONDITIONS THE VEHICLE(S) WILL BE UTILIZED TO TRANSPORT WORK CREWS, SMALL TOOLS AND EQUIPMENT TO VARIOUS LOCATIONS IN THE WASHINGTON METROPOLITAN AREA TO SUPPORT THE MAINTENANCE AND OPERATION OF THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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**ANY BOX IN COLUMN "B" NOT CHECKED WILL BE CONSIDERED AS NOT MEETING THE REQUIREMENT**

	A	B
SPECIFICATION		MEETS SPEC

**SECTION 2: BASE VEHICLE**

2.1	YEAR	2019 OR MOST CURRENT MODEL YEAR		
2.2	MAKE/ MODEL	CHEVROLET MALIBU, FORD FUSION OR WMATA APPROVED EQUAL		
2.3	BODY/ CAB STYLE	MID-SIZE FOUR DOOR SEDAN		
2.4	DRIVE TYPE	FRONT WHEEL DRIVE (FWD)		
2.5	VEHICLE PAINT COLOR	SOLID WHITE		
2.6	OFFEROR MUST STATE BELOW THE YEAR, MAKE, MODEL AND TRIM LEVEL/PKG. OF THE PROPOSED VEHICLE(S) (E.g. 2016 FORD EXPLORER XLT)			
2.6.1	YEAR:			
2.6.2	MAKE:			
2.6.3	MODEL:			
2.6.4	TRIM LEVEL/PKG.:			

**SECTION 3: POWERTRAIN**

3.1	ENGINE	INLINE 4 CYLINDER		
3.2	FUEL SYSTEM	GASOLINE, ELECTRONIC FUEL INJECTION		
3.3	FUEL TANK CAPACITY	15.0 GALLONS		
3.4	TRANSMISSION	ELECTRONICALLY CONTROLLED AUTOMATIC		

**SECTION 4: STARTING & CHARGING SYSTEMS**

4.1	STANDARD FOR VEHICLE SPECIFIED		
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**SECTION 5: WEIGHT RATINGS**

5.1	STANDARD FOR VEHICLE SPECIFIED		
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**SECTION 6: CHASSIS**

6.1	SUSPENSION, FRONT	INDEPENDENT		
6.2	SUSPENSION, REAR	INDEPENDENT		
6.3	TIRES	ALL SEASON RADIAL w/ BLACK SIDE WALLS		
6.4	WHEELS	STANDARD SIZE ALUMINUM WHEELS		
6.5	SPARE TIRE & WHEEL	STANDARD TYPE & SIZE		
6.6	STEERING	POWER ASSISTED		
6.7	BRAKE SYSTEM	FOUR WHEEL DISC w/ FOUR WHEEL ANTI-LOCK BRAKING SYSTEM (ABS)		

**SECTION 7: DIMENSIONS**

7.1	EXTERIOR:			
7.1.1	WHEEL BASE	110.0"		
7.1.2	OVERALL LENGTH	191.0"		

<b>SECTION 8: INTERIOR</b>			
<b>8.1</b>	<b>PASSENGER CAPACITY</b>	FIVE (5)	
<b>8.2</b>	<b>SEATING</b>		
8.2.1	TYPE	HIGH BACK BUCKET FRONT SEATS	
8.2.2	MATERIAL	CLOTH ON ALL SEATING POSITIONS	
8.2.3	COLOR	DARK GRAY OR WMATA APPROVED EQUAL DARK COLOR	
8.2.4	ADJUSTMENT	POWER ADJUSTABLE DRIVER'S SEAT	
8.2.5	HEAD RESTRAINTS	ALL SEATING POSITIONS	
<b>8.3</b>	<b>FLOOR COVERING</b>		
8.3.1	CARPET	DARK GRAY OR WMATA APPROVED EQUAL DARK COLORED CARPET	
8.3.2	FLOOR MATS	FRONT & REAR DARK COLORED ALL WEATHER RUBBER MATS	
8.3.3	CARGO/TRUNK AREA	RUBBER PROTECTOR MAT	
<b>8.4</b>	<b>CARGO NET</b>	MOUNTED IN TRUNK	
<b>8.5</b>	<b>DOME LIGHT(S)</b>	ONE (1) PER ROW OF SEATING	
<b>8.6</b>	<b>AUXILLIARY POWER OUTLETS</b>	TWO (2) 12V DC POWER OUTLETS	
<b>8.7</b>	<b>SOUND SYSTEM/RADIO</b>	AM/FM STEREO, CD PLAYER, MP3 COMPATIBLE	
<b>8.8</b>	<b>VOICE-ACTIVATED COMMUNICATIONS</b>	BLUETOOTH CAPABILITY w/ STEERING WHEEL CONTROLS	
<b>8.9</b>	<b>STEERING WHEEL/ COLUMN</b>	ADJUSTABLE w/ AUDIO & BLUETOOTH CONTROLS	
<b>8.10</b>	<b>CRUISE CONTROL</b>	w/ STEERING WHEEL MOUNTED CONTROLS	
<b>8.11</b>	<b>CLIMATE CONTROL</b>	HEAT, VENTILATION & AIR CONDITIONING w/ ELECTRONIC AUTOMATIC TEMPERATURE CONTROL	
<b>8.12</b>	<b>DOOR LOCKS</b>	POWER LOCKS w/ REMOTE KEYLESS ENTRY	
<b>8.13</b>	<b>WINDOWS</b>	ALL POWER w/ DRIVERS ONE TOUCH DOWN	
<b>8.14</b>	<b>WINDSHIELD WIPERS</b>	VARIABLE SPEED INTERMITTENT w/ WASHERS	
<b>8.15</b>	<b>REAR WINDOW DEFROSTER</b>	OEM FACTORY INSTALLED	
<b>SECTION 9: EXTERIOR</b>			
<b>9.1</b>	<b>LICENSE PLATE BRACKETS</b>	FRONT & REAR INSTALLED. REAR MUST HAVE LIGHT(S) TO ILLUMINATE TAG	
<b>9.2</b>	<b>MIRRORS</b>	DRIVER & PASSENGER SIDE	
9.2.1		POWER ADJUSTABLE	
9.2.2		HEATED	
<b>SECTION 10: SAFETY RELATED SPECIFICATIONS</b>			
<b>10.1</b>	<b>AIRBAGS</b>		
10.1.1		DRIVER & PASSENGER, FRONT	
10.1.2		DRIVER & PASSENGER, SIDE IMPACT OR SEAT-MOUNTED SIDE AIR BAGS	
10.1.3		SAFETY CANOPY SIDE CURTAIN	
<b>10.2</b>	<b>SEAT BELTS</b>	ALL SEATING POSITIONS	
10.2.1		RETRACTABLE	
10.2.2		THREE POINT	
10.2.3		FRONT HEIGHT ADJUSTABLE	
<b>10.3</b>	<b>DAYTIME RUNNING LIGHTS (DRL)</b>	OEM FACTORY INSTALLED	
<b>10.4</b>	<b>STABILITY CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.5</b>	<b>TRACTION CONTROL SYSTEM</b>	OEM FACTORY INSTALLED	
<b>10.6</b>	<b>TIRE PRESSURE MONITORING SYSTEM</b>	OEM FACTORY INSTALLED	

10.7	<b>REVERSE SENSING SYSTEM</b>	OEM FACTORY INSTALLED ULTRASONIC REAR PARKING ASSIST w/ AUDIBLE WARNING IN DRIVER'S COMPARTMENT		
10.8	<b>REAR VIEW CAMERA SYSTEM</b>	OEM FACTORY INSTALLED CAMERA SYSTEM THAT DISPLAYS PATH OF TRAVEL WHEN VEHICLE IS IN REVERSE		
<b>SECTION 11: ADDITIONAL ITEMS TO BE PROVIDED AND INSTALLED BY OFFEROR</b>				
11.0	<b>FLEETWATCH GP55 SYSTEM:</b>			
11.0.1	<b>COMPONENT MOUNTING:</b> MOUNTING OF COMPONENTS AS SPECIFIED MAY NOT BE POSSIBLE DUE TO SOME VEHICLE'S SPECIALIZED EQUIPMENT. IN THOSE CASES THE OFFEROR MUST HAVE THE COMPONENT LOCATION APPROVED BY WMATA PRIOR TO INSTALLATION			
11.0.2	<b>READER:</b> MOUNTING (PASSENGER VEHICLES): SHALL HAVE THE READER MOUNTED ON THE INTERIOR SIDE, REAR WINDOW THAT IS CLOSEST TO THE FUELING DOOR			
11.0.3	<b>MODULE:</b> SHALL BE SECURELY MOUNTED INSIDE OF VEHICLE IN AN AREA WHERE IT WILL NOT BE DAMAGED BY NORMAL OPERATION. EASE OF MAINTENANCE AND REPLACEMENT OF UNIT ALSO MUST BE CONSIDERED			
11.0.4	<b>ANTENNA (SMALL GPS MODULE):</b> SHALL BE MOUNTED ON THE FRONT DASH OR REAR WINDOW DECK SO THAT THERE IS CLEAR (STRAIGHT UP) VIEW OF THE SKY. WMATA'S PREFERENCE IS THE REAR DECK. IT SHALL NOT OBSTRUCT THE OPERATORS VIEW IF IS MOUNTED ON THE FRONT DASH AREA			
11.0.5	<b>SYSTEM GROUND:</b> MUST BE ATTACHED TO A DEDICATED CHASSIS GROUND			
11.0.6	<b>BATTERY POWER:</b> MUST BE HOT AT ALL TIMES AND SHALL BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.7	<b>IGNITION POWER:</b> MUST HAVE BATTERY VOLTAGE AT ALL TIMES WHEN THE KEY IS ON AND THE VEHICLE IS IN MOTION AND BE OPEN WHEN THE KEY IS OFF. IT MUST BE ACCESSED FROM ONE OF THE VEHICLES EXISTING FUSE/ JUNCTION BOXES IN A MANNER NOT TO COMPROMISE THE INTEGRITY OF THE CHOSEN CIRCUIT. THE MODULE MUST BE PROTECTED WITH A DEDICATED FUSE CIRCUIT BY THE USE OF AN ADD-A-FUSE STYLE TAP (COOPER BUSSMAN #BP/HHH OR EQUIVALENT)			
11.0.8	<b>INSTALLATION:</b> ALL CONNECTIONS MUST BE HARD WIRED, NO QUICK DISCONNECT ELECTRICAL TERMINALS SHALL BE USED			
<b>SECTION 12: BODY</b>				
12.1	<b>STANDARD FOR VEHICLE SPECIFIED</b>			
<b>SECTION 13: ADDITIONAL REQUIREMENTS</b>				
13.1	<b>SEE SCOPE OF WORK INCLUDED IN SOLICITATION PACKAGE</b>			
<b>SECTION 14: WARRANTY, ORIGINAL EQUIPMENT MANUFACTURER (OEM)</b>				
14.1	<b>WARRANTY COMMENCEMENT:</b> STARTS ON DATE OF DELIVERY TO WMATA LOCATION			
14.2	<b>BUMPER TO BUMPER, OEM FACTORY:</b> THREE (3) YEARS/ 36,000 MILES			
14.3	<b>POWERTRAIN, OEM FACTORY:</b> SEVEN (7) YEARS/ 100,000 MILES			
14.4	<b>WARRANTY DOCUMENTATION:</b> OFFEROR MUST PROVIDE DOCUMENTATION WITH THEIR PROPOSAL TO INDICATE THE WARRANTY DETAILS, TERMS & CONDITIONS			