

Serial Number: IFB-FQ15096/ER
 Date of Issue: March 16, 2015
 Bid Due Date: June 3, 2015

Date of Amendment Issue: May 22, 2015

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 600 FIFTH STREET, N.W.
 WASHINGTON, D.C. 20001

AMENDMENT NO. 8
 TO
 INVITATION FOR BIDS
 FOR

SUPPLY, DELIVERY, AND INSTALLATION OF THE PORTABLE JACKS

TO WHOM IT MAY CONCERN:

The Invitation for Bids for Bid Documents accompanying IFB FQ15096/ER requesting Bids for the above project are hereby changed in part as listed below.

1. Volume 1 Bidding and Contracting Requirements

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
Volume 1, Letter to Bidders Pg 2	Volume 1, Letter to Bidders Pg 2	Revised
Volume 1, Bid Form, Pg 30	Volume 1, Bid Form, Pg 30	Revised
Volume 1, Unit Price Schedule, Pg 41	Volume 1, Unit Price Schedule, Pg 41	Revised
Volume 1, Pg 4, Bids Due: Wednesday, May 27, 2015 by 2 pm and shall be delivered to WMATA, Office of Procurement and Materials, Room 3C-02, 600 Fifth Stree, NW, Washington, DC 20001.	Volume 1, Pg 4, Bids Due: Wednesday, June 3, 2015 by 2 pm and shall be delivered to WMATA, Office of Procurement and Materials, Room 3C-02, 600 Fifth Stree, NW, Washington, DC 20001.	Revised
Volume 1, Invitation for Bids, Pg 15, SEALED BIDS in singular for the work described herein will be received at or before 2:00 PM on May 27, 2015 at the Washington Metropolitan Area Transit Authority, in the Meeting Room at the Lobby Level, 600 Fifth Street, N. W., Washington, DC 20001	Volume 1, Invitation for Bids, Pg 15, SEALED BIDS in singular for the work described herein will be received at or before 2:00 PM on June 3, 2015 at the Washington Metropolitan Area Transit Authority, in the Meeting Room at the Lobby Level, 600 Fifth Street, N. W., Washington, DC 20001	Revised

2. Volume 2 Technical Specifications, Pg 253

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
Volume 2, Technical Specifications.	Volume 2, Technical Specifications	Revised

3. Acknowledgment

Offerors are required to acknowledge receipt of this amendment on Bid Form in the spaces provided. Failure to acknowledge all amendments may cause the Bid to be considered non-responsive to the invitation, which would require rejection of the Bid.



Richard Owens
Procurement Manager/Contracting Officer
Office of Procurement

Washington Metropolitan Area Transit Authority
IFB FQ15096/ER

Contract No. IFB FQ15096
Date: March 2015

LETTER TO BIDDERS
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY (WMATA)

DATE: March 13, 2015
SUBJECT: Invitation for Bid (IFB) IFB FQ15096/ER
Supply, Deliver and Install Mobile Lifting Jacks (Portable Jacks)

Amend #8 The Washington Metropolitan Area Transit Authority (WMATA) requests your bid for the supply, delivery, and installation of the Portable Jacks as contained in the IFB.

The solicitation includes but is not limited to: Mobile lifting jacks (Portable Jacks)
Spare mobile lifting jacks (Portable Jacks)
Control panels (consoles) to synchronize the operation of eight (8) jacks **Amend #8**

Estimated Cost Range: \$300,000-700,000

BID FORM

Amend #8 DATE OF INVITATION: March 13, 2015

PROJECT DESCRIPTION: *Supply, install, interconnect, program, calibrate, synchronize and test Two (2) sets of 8 ea, 20 metric tons capacity mobile lifting jacks with one control panel (console) for each set of eight (total of two control panels/conssoles), to synchronize the operation of the eight (8) jacks; and supply one (1) set of 4 ea. 20 metric tons capacity mobile lifting jacks that can be used as spare (excluding the control panel). Amend #8*

In compliance with your Invitation for Bid of the above date, the undersigned hereby offers and agrees to furnish all labor, equipment and materials and perform all work for:

Supply, delivery, and installation of the Portable Jacks in strict accordance with the Specifications, appendices, certifications, Contract Drawings, schedules, insurance specifications and conditions for the consideration of the amounts listed on the attached Price Schedule. The undersigned further agrees that, upon written acceptance of this bid, mailed or otherwise furnished within 90 calendar days after the date of receipt of bids, he will, within 10 calendar days after receipt of the prescribed forms, execute the Contract and furnish, if required, performance and payment bonds on standard Authority forms with good and sufficient surety or sureties.

The undersigned agrees that if awarded the Contract, he will commence the work within 10 calendar days after the receipt of Notice to Proceed and that he will complete the work within the time specified.

The undersigned acknowledges receipt of the following amendments to the Solicitation Documents (Give number and date of each):

Amendment Number _____, dated _____

Amendment Number _____, dated _____

Amendment Number _____, dated _____

Amendment Number _____, dated _____

Failure to acknowledge receipt of all amendments may cause the bid to be considered not responsive to the solicitation, which would require rejection of the bid.

THE OUTSIDE OF THE ENVELOPE CARRYING THE BID SHALL ALSO BE MARKED TO SHOW THE AMENDMENTS RECEIVED AND, IF NECESSARY, THE BIDDER'S VIRGINIA REGISTRATION NUMBER.

Amend #8

UNIT PRICE SCHEDULE

Bid Item No.	Quantity	Unit of Measure	Description	Unit Price	Total Price
1	2	SE	20 metric tons Mobile Lifting Jacks (8 ea per set)	\$	\$
2	4	EA	20 Metric tons Mobile Lifting Jacks (Spares)	\$	\$
3	2	EA	Control panels (consoles) for synchronization of 8 Mobile Lifts	\$	\$
4	1	EA	Installation (including interconnection, programming, calibration and synchronization), Start-up and Commissioning	\$	\$
5	1	EA	Training	\$	\$
6	1	EA	Freight	\$	\$
7	1	RRPL Waiver fee	3 days Installation and Training	\$200	\$600
		TOTAL BID PRICE		\$	\$

Amend #8

WMATA will have an insurance representative on hand at the Pre Bid Conference to discuss the Railroad Protective Liability Insurance.

Pre Bid Conference:

On Wednesday, March 25, 2015 at 10:00 AM at the West Falls Church Yard Annex Building, at 7251 Idylwood Rd, Falls Church, VA 22043. # WMATA will provide a presentation including the solicitation issues and technical requirements.

WMATA will have representatives of our procurement, insurance, DBE, safety, and infrastructure rehabilitation in attendance. WMATA certified DBE's are strongly encouraged to attend.

All attendees (limited to 2 persons per Contractor) must provide a WMATA Contractor ID or a government issued identification at the Security Point Kiosk Manager for entry into the West Falls Church Yard Annex Building. They will then be escorted to the Annex by WMATA's escort. **Individuals that plan to attend the Site Visit are requested to send an email 24 hours in advance of the site visit to eroper@wmata.com, with their name, title, company name, mailing address, telephone, and email for each attendee.** Attendees should arrive early in order to clear security and/or receive temporary badges. The meeting is expected to end by 12 PM.

Site Visit

WMATA will conduct a site visit on Wednesday, March 25, 2015 at 10:00 AM at the West Falls Church Yard Annex Building, at **7251 Idylwood Rd, Falls Church, VA 22043. #** Attendees must provide their own transportation. Attendees must be escorted by WMATA's escort.

Attendees that have a current WMATA Contractor ID shall display their ID and bring PPE and WMATA approved safety vest. Attendees not holding WMATA Contractor ID with PPE and vest should specifically identify themselves to the WMATA escorts.

Individuals that plan to attend the Site Visit are requested to send an email 24 hours in advance of the site visit to eroper@wmata.com, with their name, title, company name, mailing address, telephone, and email for each attendee. WMATA must arrange escorts based upon the number of attendees.

Pre-Award Information: Shall not be submitted with the bid. After the bid opening, only the Apparent Low Bidder will be requested to submit Pre-Award Information.

Additional information about the Site Visit including the layout of the area images will be provided at www.wmata.com several calendar days prior to the Site Visit.

AM #8 Bids Due: Wednesday, June 3, 2015 by 2 pm and shall be delivered to WMATA, Office of Procurement and Materials, Room 3C-02, 600 Fifth Street, NW, Washington, DC 20001. Bids will be publicly opened and read aloud in the WMATA Meeting Room, Lobby Level, 600 Fifth Street, NW, Washington, DC 20001. **AM #8**

Bidders are cautioned to not take exceptions or qualify their bid. Any questions regarding the solicitation should be made in writing to the Contracting Officer no later than five (5) business days prior to the bid opening. Please carefully review the Notice to Bidders of the IFB. The Notice to Bidders addresses common problems found in previous bids that may cause bid rejection.

Washington Metropolitan Area Transit Authority
IFB FQ15096/ER

Contract No. IFB FQ15096
Date: March 2015

INVITATION FOR BIDS

DATE OF INVITATION: March 13, 2015

PROJECT DESCRIPTION: IFB FQ15096/ER
SUPPLY, DELIVERY, AND INSTALLATION OF THE PORTABLE JACKS

AM #8 SEALED BIDS in singular for the work described herein will be received at or before 2:00 PM on **June 3, 2015** at the Washington Metropolitan Area Transit Authority, in the Meeting Room at the Lobby Level, 600 Fifth Street, N. W., Washington, DC 20001. **AM #8**

INFORMATION REGARDING BIDDING MATERIAL, BID GUARANTEE AND BONDS:

Bidding Material:

Bid Form
Representations and Certifications
Unit Price Schedule
Bid Bond (see Note #1)
Appendix B: Disadvantaged Business Enterprise (DBE) (Applies only if bid price is over \$500,000)

A bid guarantee as herein specified is required for a bid price in excess of \$100,000, and the penal amount shall be 5 percent of the bid price. If the guarantee is submitted in the form of a bid bond, the bid bond penalty may be expressed in terms of a percentage of the bid price or may be expressed in dollars and cents.

Bonds: As required by the Specifications.

DESCRIPTION OF WORK:

Supply, delivery, and installation of the Portable Jacks at 7251 Idylwood Road, Falls Church, VA 22043.

BID MUST SET FORTH FULL, ACCURATE AND COMPLETE INFORMATION AS REQUIRED BY THIS INVITATION FOR BIDS, INCLUDING ATTACHMENTS.



VOLUME 2 TECHNICAL SPECIFICATIONS

Introduction

Portable train car lifts (portable jacks) are required for inspection and maintenance operations within the new West Falls Church Annex Service & Inspection (S&I) facility. The new S&I facility accounts for the capacity to provide maintenance to four (4) married pair Trains, two (2) married pairs by means of permanent lifts (existing in the facility) and two (2) additional married pairs by means of Portable Lifts or jacks (to procure hereby). As WMATA continue improving regional mobility and connecting communities through the new Silver Line project, the need to expand the existing Yard at West Falls Church is imperative in order to consistently deliver quality service to the Metro clients.

Current Scope of Work

The Contractor shall supply, install (including interconnection, programming, calibration, and synchronization) and test the following:

- Two (2) sets (8 ea per set) 20 metric ton capacity mobile lifting jacks
- Two (2) control panels (consoles), one per each set of eight, to synchronize the operation of the eight (8) jacks. **AM #8**
- The Contractor shall also supply 4 ea, 20 metric tons capacity mobile lifting jacks with no control panel (console) that will be used as spares. **AM #8**
- The Contractor shall provide heavy-duty screw type mobile lifts (jacks) to be controlled:
 1. Singularly (each column)
 2. In sets of eight (8) by a central control panel (console). **AM #8**
 3. In sets of eight (8), by a wireless remote controller that communicates with the central control panel (console). **AM #8**
- Lift operation in sets shall be synchronized such that variation in between any column shall not exceed four (4) millimeters maximum. Lifts shall be moveable by hand on concrete floor.

The Contractor shall supply the following equipment:

Equipment	Amount
Mobile lifting jacks (Portable Jacks)	16
Spares mobile lifting jacks (Portable Jacks)	4
AM #8 Control panels (consoles) to synchronize the operation of eight (8) jacks AM #8	2
Electrical requirements	The Contractor shall provide all electrical cable and plugs type HBL460P7W necessary to operate all the



The Lifts shall meet the following requirements:

Lifting capacity per jack:	20 tons
Lifting capacity per set of eight jacks:	160 tons
Lowest position of cantilever (claw) above upper edge of rail (floor):	400 mm
Highest position of cantilever (claw) above upper edge of rail (floor):	not less than 1950mm
Vertical Stroke:	not less than 1565mm
Lifting/lowering speed:	12 to 16 inch per minute
Control Panel Receptacle Voltage:	480 V AC, 3 ph, 60 Amps
Protection of electrical equipment:	IP 54 or higher
Lifting pads	Retractable/horizontally adjustable
AM #8 Central Control Panel (console) AM #8	Controlled manually and from a wireless remote control
Synchronized precision for set	4 mm or .16 in
Noise Level	< 70 db (A)
Documentation:	Two fold each: GA drawing, Spare Parts List, Wiring Diagram, Lubrication Plan, Operation and Maintenance manual. Refer to Deliverables section.
Warranty	24 months from the day installed and tested, to include the replacement of all materials and components which becomes useless due to a defective material and incorrect manufacturing.
Coating:	Blast cleaning according to SIS 05 5900 Standard, SA grade 2-1/2. Color: Yellow, RAL 1007
Regulations:	EN 1493, ISO Standard, DIN Standard, IEC Regulations, VDE Regulations, and OSHA

Deliverables

A. OPERATION MANUALS AND MAINTENANCE MANUALS

The Contractor shall provide the following to the Project Manager:

- Five (5) hard copies (inserted in binders) and one (1) electronic copy (pdf format) of the Operation Manuals and Maintenance Manuals on the day of the delivery of the portable jacks.
- At least two (2) of the Manuals shall consist of laminated or similarly protected pages throughout.
- Operation and maintenance manuals shall include, but not necessarily be limited to, the following detailed information:
 1. Equipment function, normal operating characteristics, limiting operations.
 2. Demonstrate assembly, disassembly, and installation instructions of all equipment. Technical manuals shall include testing, troubleshooting charts with corrective action and scheduled maintenance instructions.
 3. Operating instructions for start-up, routine and normal operation, regulation and control, shutdown, and emergency conditions.
 4. Incorporate the equipment's lubrication and maintenance instructions.



6. Outline, cross-section, and assembly drawings; engineering data; and electrical diagrams, including elementary diagrams, wiring diagrams, connection diagrams, word description of wiring diagrams and interconnection diagrams.
 7. Test data and performance curves.
 8. List of recommended spare parts with a price list and a list of spare parts provided under these specifications.
 9. Copies of installation instructions, parts lists or other documents packed with equipment when delivered.
 10. Product Technical Specifications.
- B. Equipment and component manufacturer's warranty of 24 months to include the replacement of all materials and components which becomes useless due to a defective material and incorrect manufacturing.

Performance and Acceptance Criteria

- The Contractor shall perform an on-site training class in the maintenance and operation of the jacks within a week after the delivery of the Jacks to the Yard. Day and time will be coordinated closer to delivery date.
- The training shall include two sessions for two different shifts of a minimum duration of one day (7.5 hours) per each session. Training schedule to consist of 5 hours of maintenance related training and 2.5 hours of operational related training.
- The Contractor shall provide a presentation and materials (including computer or laptop computer, projector, etc.) to educate, train, and teach personnel (maximum of 16 students per session) thereby enabling the staff to operate, service, and maintain the equipment satisfactorily.
- The training shall include on-site instructions, twenty (20) handouts manuals per session, classroom aids, and all other items required to satisfactorily train each personnel.
- Practical training on equipment shall occupy a significant portion of all training classes.
- The training shall be held at the Lunch/Training Room and Shop areas of the WMATA's West Falls Church Yard Storage and Inspection Annex Building.
- Training must also include a demonstration of the operation of the jacks by means of lifting two (2) married pair trains.

Technical Specifications

Development to meet the following standards;
EN 1493, ISO Standard, DIN Standard, IEC Regulations, VDE Regulations, and OSHA

Product technical specifications shall be submitted as part of the Deliverables package

Performance Schedules

The Contractor shall deliver the Work including but not limited to the training and installation within a period of 180 days after the Notice to Proceed

Location of work and any constraints

The Contractor shall deliver the portable jacks (via FOB destination) to:

WMATA's West Falls Church S & I Yard
Attention: Mr. Raúl Cintron, Project Manager (202) 527-1130 cell