

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
600 Fifth Street, NW, Washington, DC 20001-2651
AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT
CONTINUATION SHEET
FQ15233/ER

A. Volume 1 – Bidding and Contractual Requirement

Delete the following pages and in turn substitute the accompanying pages:

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
1. Section 01110, Summary Of Work	Page 01110-1	Revised
2. Section 01110, Part 1.1(F) Table 1	Page 01110-2, Part 1.1(F) Table 1	Revised
3. Section 01110, Summary Of Work	Page 01110-6, Quantity Table	Revised
B. Volume 3	Drawings Part 1, Electrical New	Replaced

*****END OF AMENDMENT 005*****

SECTION 01110
SUMMARY OF WORK

#AM5 PART 1 – GENERAL

1.01 SUMMARY

- A. Contractor shall furnish and install new conduit and new electrical and data cables to support new fare equipment and systems. The work includes the installation of new under-floor duct and conduit raceways, electrical cabling circuits, and data cables at 34 station mezzanines in Washington, D.C. and Maryland.
- B. Contractor deliverables include:
 - 1. Project Schedule
 - 2. Weekly Schedule and Four-Week Look-Ahead Schedule
 - 3. Daily Work Plan
 - 4. Safety Plan and SSWP
 - 5. Project QA/QC Plan
 - 6. Installation Plan (new raceway locations)
 - 7. Power Cable Megohmmeter Test Results
 - 8. Data Cable Test Results
 - 9. Cable Wiring Diagrams
 - 10. As-Built Mezzanine Schematics of In-Floor Duct, Conduit, Power Circuits, and Data Cables
- C. The Contractor shall provide all necessary labor, supervision, material, supplies, tools, product, equipment, storage, transportation, and other items needed to satisfactorily complete the project.
- D. The finished product shall function and be installed as fully-compatible with the existing WMATA system.
- E. The work at the station mezzanines will not require track access rights.
- F. As specified in Table 1, one or more of the following tasks will be performed at each station mezzanine:
 - 1. Task 1a - Installation of Under-Floor Duct (Electrical)
 - 2. Task 1b - Installation of Exposed Conduit (Electrical)
 - 3. Task 1c - Installation of Faregate Array Under-Floor Duct (Data)
 - 4. Task 1d - Duct Repair
 - 5. Task 1e - Installation of Faregate Array Under-Floor Duct (Power)
 - 6. Task 2a - CAT6 Installation and Termination
 - 7. Task 2b - Existing CAT6 Termination Only, faregates
 - 8. Task 2c - Existing CAT6 Termination Only, vending and add-value machines
 - 9. Task 3 - Installation and Termination of Electrical Circuit Cable
 - 10. Task 4a - Installation of Fire Alarm Cable at Faregate Arrays
 - 11. Task 4b - Installation of Fire Alarm Cable to Mini-Mezzanine Faregate Array **#AM5**

#AM5

Table 1

#	Location		Summary of Work Tasks										
	Mezzanine Location	Mezz ID	1a	1b	1c	1d	1e	2a	2b	2c	3	4a	4b
1	METRO CENTER WEST	001							X	X	X	X	
2	METRO CENTER EAST	019						X		X	X	X	
3	METRO CENTER NORTH	035							X	X	X	X	
4	METRO CENTER SOUTH	052							X	X	X	X	
5	FARRAGUT NORTH SE.	002		X				X		X	X	X	
6	FARRAGUT NORTH NW.	003		X				X		X	X	X	
7	FARRAGUT NORTH NE.	004						X		X		X	
8	DUPONT CIRCLE SO.	005						X		X		X	
9	WOODLEY PARK ZOO	007						X		X		X	
10	CLEVELAND PARK	008		X				X		X	X	X	
11	VAN NESS UDC	009		X				X		X	X	X	
12	TENLEYTOWN	010		X				X		X	X	X	X
13	FRIENDSHIP HEIGHTS NO.	011						X		X	X	X	
14	FRIENDSHIP HEIGHTS SO.	104		X				X		X	X	X	
15	GROSVENOR	014		X				X		X	X	X	
16	WHITE FLINT	015						X		X	X	X	
17	TWINBROOK	016						X		X	X	X	
18	ROCKVILLE	017						X		X	X	X	
19	GALLERY PLACE WEST	020		X				X		X	X	X	
20	GALLERY PLACE NORTH	069						X		X	X	X	
21	JUDICIARY SQUARE WEST	022						X		X		X	X
22	JUDICIARY SQUARE EAST	023							X	X	X	X	
23	UNION STATION NORTH	025		X				X		X	X	X	
24	NEW YORK AVE. SOUTH	108		X				X		X	X	X	
25	NEW YORK AVE. NORTH	109		X				X		X	X	X	
26	RHODE ISLAND	026						X		X	X	X	
27	BROOKLAND/CUA FORT TOTTEN	027	X	X	X		X	X		X	X	X	
28		028	X	X	X		X	X		X	X	X	
29	TAKOMA	029	X	X	X		X	X		X	X	X	X
30	SILVER SPRING- SOUTH	030						X		X	X	X	X
31	SILVER SPRING- NORTH	031					X	X		X	X	X	
32	FOREST GLEN	032						X		X		X	
33	WHEATON	033			X		X	X		X	X	X	
34	GLENMONT	034			X			X		X	X	X	

- Task 1a- Installation of Under-Floor Duct (Electrical)
- Task 1b- Installation of Exposed Conduit (Electrical)
- Task 1c- Installation of Faregate Array Under-Floor Duct (Data)
- Task 1d- Duct Repair
- Task 1e- Installation of Faregate Array Under-Floor Duct (Power)
- Task 2a- CAT6 Installation **and** Termination
- Task 2b- Existing CAT6 termination **only**
- Task 2c- Existing vending machines' CAT6 cable termination **only** (both ends)
- Task 3- Installation **and** Termination of Electrical Circuit Cable
- Task 4a- Installation of Fire Alarm Cable at Faregate Arrays
- Task 4b- Installation of Fire Alarm Cable to Mini-Mezzanine Faregate Array

#AM5

K. Salvaging of Materials and Equipment: Salvaged material not specified for reuse shall become the property of the Contractor and shall be removed from the site

PART 2 – PRODUCTS

#AM5 Quantity Table Listing:

Item	QTY	Notes
1-1/4" Conduit	375	ft, GRS with accessories
1-1/2" Conduit	520	ft, GRS with accessories
2" Conduit	60	ft, GRS with accessories
CAT6 Cable	10,322	ft
Power Cable	31,170	ft, #10
Power Cable	13,074	ft, #8
Power Cable	1,140	ft, #6
Distribut. Box	35	Under Kiosk floor (JB, LFMC, connectors)
EMG Gate Cable	9,992	ft, Gate open EMG from F/A System
U/F Duct (new)	810	#4 duct / ft, plus couplers
Duct HH (new)	73	piece
Duct Misc (new)	19	Adapters, sealant and/or other needed items
Duct Adapter	76	For conduit connection at each faregate duct Tee
Quad-Outlet	68	120V power
CAT6 module	454	CAT6 single-jack module, Ortronics #OR-S21600
Outlet box	454	Surface-mount outlet box, Ortronics #OR-404S21U

#AM5

Variation in estimated quantities is further described in Volume 1, Section 00743 applies to this Quantity Table above.

PART 3 – EXECUTION (see Section 01117)

END OF SECTION