
Memphis-Shelby County Airport Authority (“Authority”)

**Addendum No. 3
To
Request for Bids 08-1260-03
For
Glycol Management Program – Deice Facility Airside Construction**

Issue Date: May 20, 2019

RECITALS

WHEREAS, The Authority issued a certain Request for Bids MSCAA Project 08-1260-03 Glycol Management Program – Deice Facility Airside Construction issued on 4/9/19 (the “RFB”); and

WHEREAS, The Authority now wishes to amend certain of the Specifications and Drawings set forth in the RFB;

NOW THEREFORE, in consideration of the mutual covenants, agreements and conditions set forth in the RFB:

- ITEM NO. 1 SECTION 00405 PROPOSAL BID FORM**
REMOVE AND REPLACE with the attached 00405 Proposal-Excel Worksheet noted as Addendum No. 3.
- ITEM NO. 2 SECTION – DIVISION 1 – 01320 SCHEDULES AND REPORTS:**
REMOVE AND REPLACE with the attached 01320 Schedules and Reports noted as Addendum No. 3.
- ITEM NO. 3 SECTION – TECHNICAL SPECIFICATIONS – P-150 DEMOLITION:**
REMOVE AND REPLACE with the attached P-150 Demolition noted as Addendum No. 3.
- ITEM NO. 4 SECTION – TECHNICAL SPECIFICATIONS – P-152 EXCAVATION, SUBGRADE, AND EMBANKMENT:**
REMOVE AND REPLACE with the attached P-152 Excavation, Subgrade, and Embankment noted as Addendum No. 3.
- ITEM NO. 5 SECTION – TECHNICAL SPECIFICATIONS – P-220 CEMENT TREATED SOIL SUBBASE COURSE:**
REMOVE AND REPLACE with the attached P-220 Cement Treated Soil Subbase Course noted as Addendum No. 3.
- ITEM NO. 6 SECTION – TECHNICAL SPECIFICATIONS – L-130 INSTALLATION OF HIGH MAST AND ROADWAY LIGHTING SYSTEMS:**
REMOVE AND REPLACE with the attached L-130 Installation of High Mast and Roadway Lighting Systems noted as Addendum No. 3.
- ITEM NO. 7 SECTION – TECHNICAL SPECIFICATIONS – S-106 SANITARY SEWER:**
REMOVE AND REPLACE with the attached S-106 Sanitary Sewer noted as Addendum No. 3.

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- ITEM NO. 8 SECTION – TECHNICAL SPECIFICATIONS – S-601 AGGREGATE PIER GROUND IMPROVEMENTS: ADD** the attached S-601 Aggregate Pier Ground Improvements noted as Addendum No. 3.
- ITEM NO. 9 SECTION – TECHNICAL SPECIFICATIONS – M-101 SANITARY PUMPING STATION:**
REMOVE AND REPLACE with the attached M-101 Sanitary Pumping Station noted as Addendum No. 3.
- ITEM NO. 10 SECTION – TECHNICAL SPECIFICATIONS – M-104 SCADA SYSTEM COMMUNICATION AND MISC. INSTRUMENTS:**
REMOVE AND REPLACE with the attached M-104 SCADA System Communication and Misc. Instruments noted as Addendum No. 3.
- ITEM NO. 11 SECTION – TECHNICAL SPECIFICATIONS – M-105 PUMP MOTOR STARTERS AND DRIVES:**
REMOVE AND REPLACE with the attached M-105 Pump Motor Starters and Drives noted as Addendum No. 3.
- ITEM NO. 12 SECTION – TECHNICAL SPECIFICATIONS – G-200 DEICING AND ANTI-ICE SYSTEMS PIPE, CONNECTIONS AND INSTALLATION:**
REMOVE AND REPLACE with the attached G-200 Deicing and Anti-Ice System Pipe, Connections and Installation noted as Addendum No. 3.
- ITEM NO. 13 SECTION – TECHNICAL SPECIFICATIONS – G-300 DEICING AND ANTI-ICE SYSTEMS COATINGS FOR CORROSION PROTECTION:**
REMOVE AND REPLACE with the attached G-300 Deicing and Anti-Ice System Protection For Corrosion Protection noted as Addendum No. 3.
- ITEM NO. 14 SECTION – TECHNICAL SPECIFICATIONS – G-500 DEICING AND ANTI-ICE SYSTEM EQUIPMENT AND ACCESSORIES:**
REMOVE AND REPLACE with the attached G-500 Deicing and Anti-Ice System Equipment and Accessories noted as Addendum No. 3.
- ITEM NO. 15 SECTION – TECHNICAL SPECIFICATIONS – P-101 PREPARATION / REMOVAL OF EXISTING PAVEMENTS:**
CHANGE pay item “P-101-5.9, Demolition of Existing Grouted Rip Rap Apron” to read as follows: “Vacant”
- ITEM NO. 16 SECTION – TECHNICAL SPECIFICATIONS – P-619 ROADWAY SIGNAGE:**
ADD new Bid Item: “P-619-9.6, Roadway Sign Removal – per Each”
- ITEM NO. 17 DRAWINGS: REMOVE AND REPLACE** Drawing G-SQ-01 SUMMARY OF QUANTITIES SHEET 1 with the attached G-SQ-01 Summary of Quantities Sheet 1 noted as Revised Per Add. 3.
- ITEM NO. 18 DRAWINGS: REMOVE AND REPLACE** Drawing G-SQ-02 SUMMARY OF QUANTITIES SHEET 2 with the attached G-SQ-02 Summary of Quantities Sheet 2 noted as Revised Per Add. 3.
- ITEM NO. 19 DRAWINGS: REMOVE AND REPLACE** Drawing G-SQ-03 SUMMARY OF QUANTITIES SHEET 3 with the attached G-SQ-03 Summary of Quantities Sheet 3 noted as Revised Per Add. 3.
- ITEM NO. 20 DRAWINGS: REMOVE AND REPLACE** Drawing C-OP-16 OPERATIONAL PLAN DETAILS with the attached C-OP-16 Operational Plan Details noted as Revised Per Add. 3.

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- ITEM NO. 21** **DRAWINGS:** REMOVE AND REPLACE Drawing C-TS-07 TANK FARM FOUNDATION SECTIONS with the attached G-TS-07 Tank Farm Foundation Sections noted as Revised Per Add. 3.
- ITEM NO. 22** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UD-09 PAVEMENT UNDERDRAIN DETAILS 1 with the attached C-UD-09 Pavement Underdrain Details 1 noted as Revised Per Add. 3.
- ITEM NO. 23** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-02 UTILITY LAYOUT SHEET 1 with the attached C-UT-02 Utility Layout Sheet 1 noted as Revised Per Add. 3.
- ITEM NO. 24** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-03 UTILITY LAYOUT SHEET 2 with the attached C-UT-03 Utility Layout Sheet 2 noted as Revised Per Add. 3.
- ITEM NO. 25** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-04 UTILITY LAYOUT SHEET 3 with the attached C-UT-04 Utility Layout Sheet 3 noted as Revised Per Add. 3.
- ITEM NO. 26** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-06 WATER LINE PROFILE SHEET 1 with the attached C-UT-06 Water Line Profile Sheet 1 noted as Revised Per Add. 3.
- ITEM NO. 27** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-11 SANITARY SEWER PROFILE SHEET 1 with the attached C-UT-11 Sanitary Sewer Profile Sheet 1 noted as Revised Per Add. 3.
- ITEM NO. 28** **DRAWINGS:** REMOVE AND REPLACE Drawing C-UT-19 LIFT STATION SITE PLAN with the attached C-UT-19 Lift Station Site Plan noted as Revised Per Add. 3.
- ITEM NO. 29** **DRAWINGS:** REMOVE AND REPLACE Drawing C-FO-01 CDDP FIBER PLAN SHEET 1 with the attached C-FO-01 CDDP Fiber Plan Sheet 1 noted as Revised Per Add. 3.
- ITEM NO. 30** **DRAWINGS:** REMOVE AND REPLACE Drawing C-FO-02 CDDP FIBER PLAN SHEET 2 with the attached C-FO-02 CDDP Fiber Plan Sheet 2 noted as Revised Per Add. 3.
- ITEM NO. 31** **DRAWINGS:** REMOVE AND REPLACE Drawing C-FO-03 CDDP FIBER PLAN SHEET 3 with the attached C-FO-03 CDDP Fiber Plan Sheet 3 noted as Revised Per Add. 3.
- ITEM NO. 32** **DRAWINGS:** REMOVE AND REPLACE Drawing C-FO-04 CDDP FIBER PLAN SHEET 4 with the attached C-FO-04 CDDP Fiber Plan Sheet 4 noted as Revised Per Add. 3.
- ITEM NO. 33** **DRAWINGS:** REMOVE AND REPLACE Drawing C-GS-13 GLYCOL SITE PLAN – 3 with the attached C-GS-13 Glycol Site Plan - 3 noted as Revised Per Add. 3.
- ITEM NO. 34** **DRAWINGS:** REMOVE AND REPLACE Drawing C-GS-20 GLYCOL PROFILES - 1 with the attached C-GS-20 Glycol Profiles - 1 noted as Revised Per Add. 3.
- ITEM NO. 35** **DRAWINGS:** REMOVE AND REPLACE Drawing MM-02 JCAII INCLUSIONS & EXCLUSIONS with the attached MM-02 JCAII Inclusions & Exclusions noted as Revised Per Add. 3.
- ITEM NO. 36** **DRAWING SHEET G-PL-01 PROJECT LAYOUT AND GENERAL NOTES:**
ADD the following note: “23. THE ADDRESS TO BE USED FOR ALL UTILITY WORK FOR THE PUMP HOUSE SHALL BE 4354 LOUIS CARRUTHERS DRIVE.”
- ITEM NO. 37** **DRAWING SHEET G-OP-01 OPERATIONAL PLAN GENERAL NOTES:**
CHANGE note 8 under “BARRICADE NOTES” to read as follows: “8. BARRICADES SHALL BE PAID FOR UNDER ITEM S-100-6.7...”

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- ITEM NO. 38 DRAWING SHEET G-OP-11 OPERATIONAL PLAN PHASE 3C:**
REMOVE the labels along Taxiway N that read “TAXIWAY CLOSED”
- ITEM NO. 39 DRAWING SHEET G-OP-13 OPERATIONAL PLAN PHASE 3E:**
REMOVE the labels along Taxiway N that read “TAXIWAY CLOSED”
- ITEM NO. 40 DRAWING SHEET G-OP-14 OPERATIONAL PLAN PHASE 3F:**
REMOVE the labels along Taxiway N that read “TAXIWAY CLOSED”
- ITEM NO. 41 DRAWING SHEET C-TS-02 TYPICAL SECTIONS TAXIWAYS:**
REMOVE the dimensions to underdrain pipe and trench.
- ITEM NO. 42 DRAWING SHEET C-TS-02 TYPICAL SECTIONS TAXIWAYS:**
ADD note to read as follows: “7. SEE UNDERDRAIN PLANS AND DETAILS FOR LOCATION OF UNDERDRAINS.”
- ITEM NO. 43 DRAWING SHEET C-TS-02A TYPICAL SECTIONS TAXIWAY BRIDGES:**
REMOVE the dimensions to underdrain pipe and trench.
- ITEM NO. 44 DRAWING SHEET C-TS-02A TYPICAL SECTIONS TAXIWAY BRIDGES:**
ADD note to read as follows: “7. SEE UNDERDRAIN PLANS AND DETAILS FOR LOCATION OF UNDERDRAINS.”
- ITEM NO. 45 DRAWING SHEET C-TS-03 TYPICAL SECTIONS TAXILANES:**
REMOVE the dimensions to underdrain pipe and trench.
- ITEM NO. 46 DRAWING SHEET C-TS-03 TYPICAL SECTIONS TAXILANES:**
ADD note to read as follows: “7. SEE UNDERDRAIN PLANS AND DETAILS FOR LOCATION OF UNDERDRAINS.”
- ITEM NO. 47 DRAWING SHEET C-TS-04 AIRFIELD PAVEMENT SECTIONS:**
REMOVE the dimensions to underdrain pipe and trench.
- ITEM NO. 48 DRAWING SHEET C-TS-04 AIRFIELD PAVEMENT SECTIONS:**
ADD note to read as follows: “7. SEE UNDERDRAIN PLANS AND DETAILS FOR LOCATION OF UNDERDRAINS.”
- ITEM NO. 49 DRAWING SHEET C-TS-06 MISCELLANEOUS PAVING SECTION AND DETAILS:**
ADD note to Detail 7 to read as follows: “NOTE 1. WWF SHALL BE LOCATED 2” FROM THE TOP OF PAVEMENT SURFACE.”
- ITEM NO. 50 DRAWING SHEET C-GR-31 TRENCH DRAIN PLAN VIEW:**
CHANGE dimension on Detail A from top of trench drain section to invert of trench drain FROM “DEPTH VARIES 1’-10” MIN. 4’-0” MAX.” TO “DEPTH VARIES”
- ITEM NO. 51 DRAWING SHEET C-GR-55 DETENTION VAULT – FOUNDATION DETAIL:**
CHANGE the dimension on Detail 1 from top of section to bottom of control joint under “control joint” detail FROM “1” TO “3”
- ITEM NO. 52 DRAWING SHEET C-UT-22 LIFT STATION SHELTER & FOUNDATION DETAILS:**
CHANGE note on Detail 1 to read as follows: “CONTRACTOR SHALL SUBMIT PROPOSED CONCRETE PREFAB SHELTER IN ACCORDANCE WITH THE NOTES ON THIS SHEET.”
- ITEM NO. 53 DRAWING SHEET C-UT-22 LIFT STATION SHELTER & FOUNDATION DETAILS:**
CHANGE note on Detail 2 to read as follows: “SEE DWG NO. C-UT-19 FOR FOUNDATION LOCATION AND ORIENTATION...”
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- ITEM NO. 54 DRAWING SHEET C-UT-25 AGL BASE STATION SHELTER DETAILS:**
CHANGE note on Detail 1 to read as follows: “CONTRACTOR SHALL SUBMIT PROPOSED CONCRETE PREFAB SHELTER IN ACCORDANCE WITH THE NOTES ON THIS SHEET.”
- ITEM NO. 55 DRAWING SHEET C-UT-25 AGL BASE STATION SHELTER DETAILS:**
CHANGE note on Detail 2 to read as follows: “SEE DWG NO. C-FO-02 & C-FO-04 FOR FOUNDATION LOCATION AND ORIENTATION...”
- ITEM NO. 56 DRAWING SHEET C-MK-13 LOUIS CARRUTHERS MARKING SHEET 1 OF 2:**
REMOVE stop sign and “R1-1” callout located at station 11+22.98
- ITEM NO. 57 DRAWING SHEET C-MK-15 LOUIS CARRUTHERS DETAILS SHEET 1 OF 5:**
ADD note to read as follows: “5. FOR R1-1 SIGN LOCATIONS, SEE SHEETS C-MK-01 THRU C-MK-08.”
- ITEM NO. 58 DRAWING SHEET C-GS-11 GLYCOL SITE PLAN - 1:**
REMOVE “(1) – 6” X 4” REDUCER”
- ITEM NO. 59 DRAWING SHEET C-GS-14 GLYCOL SITE PLAN - 4:**
REMOVE “(1) – 6” X 4” REDUCER”
- ITEM NO. 60 DRAWING SHEET C-GS-25 GLYCOL PROFILES - 6:** Detail 2,
REMOVE “(1) – 6” X 4” REDUCER
- ITEM NO. 61 DRAWING SHEET M-PV-04 MECHANICAL BLENDING CUBE PLAN:** Detail 2,
ADD pipe reducers as pipe comes above grade. 6” pipe shall extend until pipe comes above grade then reduce to 4”.
- ITEM NO. 62 DRAWING SHEET A4.2 WALL SECTIONS:** Detail 5,
CHANGE callout to the CMU block **FROM** “8” CMU BLOCK” **TO** “6” CMU BLOCK”

SPECIFICATION ATTACHMENTS: The following specifications have been modified and included with this Addendum No. 3:

- 00405 Proposal – Bid Form Excel Spreadsheet
- Item 01320 Schedules and Reports
- Item P-150 Demolition
- Item P-152 Excavation, Subgrade, and Embankment
- Item P-220 Cement Treated Soil Subbase Course
- Item L-130 Installation of High Mast and Roadway Lighting Systems
- Item S-106 Sanitary Sewer
- Item S-601 Aggregate Pier Ground Improvements
- Item M-101 Sanitary Pumping Station
- Item M-104 SCADA System Communication and Misc. Instruments
- Item M-105 Pump Motor Starters and Drives
- Item G-200 Deicing and Anti-icing System Pipe, Connections and Installation
- Item G-300 Deicing and Anti-icing System Coatings for Corrosion Protection
- Item G-500 Deicing and Anti-icing Equipment and Accessories.

DRAWING ATTACHMENTS: The following drawing sheets have been added or modified and included with this Addendum No. 3:

G-SQ-01	Summary of Quantities Sheet 1
G-SQ-02	Summary of Quantities Sheet 2
G-SQ-03	Summary of Quantities Sheet 3
C-OP-16	Operational Plan Details
C-TS-07	Tank Farm Foundation Sections
C-UD-09	Pavement Underdrain Details 1
C-UT-02	Utility Layout Sheet 1
C-UT-03	Utility Layout Sheet 2
C-UT-04	Utility Layout Sheet 3
C-UT-06	Water Line Profile Sheet 1
C-UT-11	Sanitary Sewer Profile Sheet 1
C-UT-19	Lift Station Site Plan
C-FO-01	CDDP Fiber Plan Sheet 1
C-FO-02	CDDP Fiber Plan Sheet 2
C-FO-03	CDDP Fiber Plan Sheet 3
C-FO-04	CDDP Fiber Plan Sheet 4
C-GS-13	Glycol Site Plan – 3
C-GS-20	Glycol Profiles - 1
MM-02	JCAII Inclusions & Exclusions

INFORMATIONAL ATTACHMENTS: The following is attached to this addendum:

Questions and Answers Received through May 13, 2019.
Memphis Light, Gas and Water Division Approved List of Water Main Contractors
Q&A Question 60 Exhibit

This addendum **must** be signed, to acknowledge receipt, and dated by the respondent and returned to the Authority as part of the respondents RFB response. Failure to do so may be grounds for disqualification of the response. The signed addendum, acknowledging receipt of Addendum No. 3 by the respondent, must be included in the response packet, immediately following the signed RFB.

In the event of conflict between the Specifications of the RFB and the Specifications of this Addendum, the Specifications of this Addendum shall prevail.

WITNESS the signature of the respective party by their duly authorized officer on the day and year herein written.

Company Name

Signature

Date: _____