



Addendum No. 2

Project: McGhee Tyson Airport
Snow Removal Equipment Procurement

Project No.: 084126

Date: April 1, 2024

The following addendum items modify, change, delete from or add to, the requirements of the contract documents for the above referenced projects. The articles contained in the addendum take precedence over the requirements of the previously published contract documents. Where any article of the contract specifications or any detail of the contract drawings is modified or any paragraph, subparagraph or clause thereof is modified or deleted by the articles contained in this addendum, the unaltered provisions of that article, paragraph, subparagraph, or clause shall remain in effect.

ITEM NO. 1 – ATTACHMENTS

Attached: Pre-bid meeting Summary dated March 25, 2024, is provided as an attachment to this addendum.

ITEM NO. 2 – INSTRUCTION TO BIDDERS

~~14.0~~ 13.0 AWARD OF CONTRACT

Revision: Section ~~14.2~~ **13.2**

The determination of the lowest price bid will be based on the total amount for each separate contract, or the total amount of the Base Bid and any selected Additive Bid equipment group identified on the bid form. The award of individual contracts or the combined contract for the Additive Bid depends on receipt of grant funds from the FAA. The amount of grant funding is not known by the Owner at the time of the bid.

~~13.0~~ 14.0 BONDS, CONTRACT SECURITY AND INSURANCE

Revision: Section ~~13.1~~ **14.1**

The Contract Form and Special Provisions set forth Owner's requirements for ~~as to Bonds and Insurance, respectively.~~ Bonding requirements are as follows:

- Bid Bond in the amount of 5% of the bid
- Performance Bond in the amount of 100% of the bid **(Performance bond may be omitted for CFME.)**
- Payment Bond in the amount of 100% of the bid **(Payment bond may be**

omitted for CFME.)

When the Successful Bidder delivers the executed Agreement to the Owner it shall be accompanied by the required Contract Security and Insurance Certificates and Policies.

14.0 15.0 SIGNING OF AGREEMENT

Revision: Section ~~14.1~~ **15.1**

The Contract between the Owner and the Contractor (the "Agreement") shall be executed on original forms consistent with the Sample Contract Forms included herein, as it may be modified by addendum, and will be subject to all requirements of the Contract Documents, and shall form prepared by the Successful Bidder and modified through negotiations with the Owner. The signed agreement form a binding contract between the contracting parties.

15.0 16.0 SPECIAL REQUIREMENTS

Revision: Section ~~15.1~~ **16.1**

Laws and Regulations: The Bidder's attention is directed to the fact that applicable state laws, municipal ordinances and the rules and regulations of all authorities having jurisdiction over construction of the Project, including the Owner's, shall apply to the Contract throughout, and they will be deemed to be included in the Contract the same as though therein written out in full.

16.0 17.0 MISCELLANEOUS REQUIREMENTS

Revision: Section ~~16.1~~ **17.1**

Employment Practices: (1) ~~Contractor~~ Successful Bidder shall, to the greatest extent practicable, follow hiring and employment practices for work on the Project which will provide new job opportunities for the unemployed and underemployed, and (2) insert or cause to be inserted the same provision in each construction subcontract.

Revision: Section ~~16.3~~ **17.3**

DBE Participations: The Metropolitan Knoxville Airport Authority has developed an Objectives and Policy Statement for the DBE program in compliance with Code of Federal Regulations 49CFR PART 26. That document is included herein.

The ~~Manufacturer~~ Successful bidder is required to submit monthly reports of DBE utilization on this project. The DBE Participation Report, contained herein, shall be completed and submitted with each application for payment.

Revision: Section ~~16.4~~ **17.4**



IRS Form W-9: The Manufacturer shall complete Form W-9, Request for Taxpayer Identification Number and Certification, and submit to the Owner as a part of the contracting process. ~~Form W-9 is contained herein.~~

Revision: Section ~~16-5~~ **17.5**

Indemnification: MKAA cannot indemnify the ~~Selected Company~~ Successful Bidder in any resulting Agreement from this Invitation to Bid with respect to any matters.

Revision: Section ~~16-7~~ **17.7**

Federal Aviation Administration Provisions: The ~~Selected~~ Successful Bidder must agree to comply with Civil Rights provisions and any other applicable Federal Aviation Administration requirements in any resulting Agreement from this Invitation to Bid.

In the event of conflict between the Federal and State requirements, the more demanding requirement shall apply.

ITEM NO. 3 – MANUFACTUER QUESTIONS

M-B Companies, Inc. – emailed to Michael Giles dated March 25, 2024

- Q: **“Page TP-01-2, A1-1, a, Anticipated uses and/or features of vehicle.**
Specification: Snow removal equipment includes a 22 foot reversible plow and a 22 foot snow broom.
Requested for Change: Snow removal equipment includes a 24 foot reversible plow and a 22 foot snow broom.”
- A: The specification shall be revised to the 22 foot reversible plow shall be changed to a 24 foot reversible plow.
- Q: **“Page TP-01-2 A1-2, c, Turning radius**
Specification: Using two-wheel steering only, the vehicle with runway broom attached must be capable of turning within a circle whose diameter is 100 feet.
Requested for Change: Using two-wheel steering only, the vehicle with runway broom attached must be capable of turning within a circle whose diameter is 100 feet or manufacturer’s standard design.”
- A: The specification shall be revised to using two-wheel steering only, the vehicle with runway broom attached must be capable of turning within a circle whose diameter is 100 feet or manufacturer’s standard design.”
- Q: **“Page TP-01-2, A1-3, c, Engine/transmission**
Specification: The transmission shall have a minimum of two (2) and a maximum of four (4) forward speeds.
Requested for Change: The transmission shall have a minimum of two (2) and a maximum of six (6) forward speeds.”



- A: The specification shall be revised to the transmission shall have a minimum of two (2) and a maximum of six (6) forward speeds.”
- Q: **“Page TP-01-5, 5.15.4, Heated Wipers and Fluid System**
Specification: Provide manufacturer’s standard catalog heated wipers, heated washer fluid, and heated side window wiper/washer systems.
Requested for Change: Provide manufacturer’s standard catalog heated wipers, if available heated washer fluid, and heated side window wiper/washer systems.”
- A: The specification shall be revised to provide manufacturer’s standard catalog heated wipers, if available heated washer fluid, and heated side window wiper/washer systems.”
- Q: **“Page TP-01-6, 7.10, Type of Caster Assembly**
Specification: The caster assemblies shall be dual wheel type.
Requested for Change: The caster assemblies shall be dual wheel or single arrangement type.
- A: The specification shall be revised to the caster assemblies shall be dual wheel or single arrangement type.
- Q: **“Page TP-01-7, Spare Bristles**
Specification: Spare bristles is required
Clarification: Please define Spare bristles is required”
- A: Spare bristles are not required and specification will be revised accordingly.
- Q: **“Page TP-01-7, Spare Cartridge Carrier**
Specification: Spare cartridge carrier is required.
Clarification: Please define Spare cartridge carrier is required.”
- A: Spare cartridge carrier is not required and specification will be revised accordingly.
- Q: **“Page TP-02-6, 3.5, Optional Equipment**
Specification: Auxiliary cab heater and circulating fans
Requested for Change: Auxiliary cab heater and circulating fans or manufacturer’s standard design.”
- A: The specification shall be revised to auxiliary cab heater and circulating fans or manufacturer’s standard design.

Halliday Technologies, Inc. – emailed to Michael Giles dated March 25, 2024

- Q: To reduce the additional cost to the contract for a piece of equipment that has a short lead time and standard installation, would the airport consider removing the requirement for a performance bond and payment bond for the continuous friction tester?
The bid bond could then be submitted as a money order for 5% of the contract dollar value, which removes the cost to obtain the bond, thereby reducing the overall cost to the airport.
- A: MKAA has agreed to remove the requirement for a performance bond and payment bond for the continuous friction tester.
- Q: Would the cost of the bid bond include the optional items?
- A: The cost of the bid bond would include the optional items



ITEM NO. 4 – PROJECT SPECIFICATIONS**Exhibit D – Specifications****TP-01 Multi-tasking Equipment**

Revised: Page TP-01-2, A1-1. Anticipated uses and/or features of vehicle.

- a. The Multi-tasking Equipment (MTE) carrier vehicle with appropriate snow removal equipment shall be used during large and small snow events at the airport. Snow removal equipment includes a ~~22~~ **24** foot reversible plow and a 22 foot snow broom. The snow removal equipment shall be heavy duty to withstand the extreme winter conditions found in the airport environment.

Revised: Page TP-01-2, A1-2. Performance requirements.

- c. Turning radius: Using two-wheel steering only, the vehicle with runway broom attached must be capable of turning within in a circle whose diameter is 100 feet **or manufacturer's standard design**. Using four-wheel steering only, the vehicle with runway broom attached must be capable for turning within a circle whose diameter is 100 feet. This diameter is measured from center to center of the outside from tire tread ground imprint.

Revised: Page TP-01-2, A1-3. Engine/transmission.

- b. The transmission shall have a minimum of two (2) and a maximum of ~~four (4)~~ **six (6)** forward speeds.

Revised: Page TP-01-5, 5.15.4 Heated Wipers and Fluid System

Provide manufacturer's standard catalog heated wipers, **if available**, heated washer fluid, and heated side window wiper/washer systems

Revised: Page TP-01-6, 7.10, Type of Caster Assembly

Provide manufacturer's standard caster wheel assemblies to meet the requirements of SAE ARP5548. The caster assemblies shall be dual wheel type **or single arrangement type**. The tires shall be foam filled.

Deleted: Page TP-01-7 Spare Bristles

Spare bristles is required.

Deleted: Page TP-01-7 Spare Cartridge Carrier

Spare cartridge is required.

TP-02 High-speed Rotary Plow / Snow Blower and Carrier Vehicle

Revised: Page TP-02-6 3.5 Optional Equipment

Auxiliary cab heater and circulating fans **or manufacturer's standard design**.

TP-03 Continuous Friction Measuring Equipment

Revised: Page TP-03-3 03-7.1



The Bidder is responsible for the safe and timely delivery of the vehicle CFME and its accessories, spare parts, and tools to the McGhee Tyson Airport, Alcoa, TN...

Sincerely,



Adanna S. Ryce, PE
Section Manager, Aviation Services

04/01/2024





Mandatory Pre-Bid Meeting Summary

McGhee Tyson Airport

Snow Removal Equipment Procurement

March 25, 2024, 2:00 PM

Attendees

Justin Lackey – MKAA
Trey Meadows – MKAA
Larry Ray, MKAA – MKAA
Jeff Curtis, MKAA – MKAA
Jason Bennett, P.E., – MKAA
Scott Crimmins, PMP – CHA Consulting
Adanna Ryce, P.E., – CHA Consulting
Ryenne Ross – CHA Consulting
Bill Hecker – M-B Companies
Steve Mueller – M-B Companies
Joseph Wrenn – M-B Companies
Alexandra Sydney – Halliday Technologies Inc.

• INTRODUCTIONS

Owner: Metropolitan Knoxville Airport Authority (MKAA)

Engineer: CHA Consulting, Inc.

Project Representatives:

Justin Lackey, MKAA – Director of Airfield Operations
Trey Meadows, MKAA – Senior Director of Facilities
Larry Ray, MKAA – Supervisor of Fleet Services
Jeff Curtis, MKAA – Supervisor of Airfield Maintenance
Jason Bennett, P.E., MKAA – Director of Planning
Scott Crimmins, PMP, CHA – Senior Project Manager
Adanna Ryce, P.E., CHA – Project Manger
Ryenne Ross, CHA – Project Engineer

• PROJECT OVERVIEW

- Procurement of 3 Multi-tasking Equipment (Carrier Vehicle/Snow Plow, Rotary Broom), Carrier Vehicle/High Speed rotary Plow/Snow Blower, and Continuous Friction Measuring Equipment
- Bidders shall only submit bids for the base bid and/or additive equipment groupings they are qualified and capable of delivering in accordance with the specified requirements. No single bidder is required to bid on all bid items to submit a complete bid.



- **BID REQUIREMENTS**

- a) Bid Opening: **Tuesday, April 9, 2024, at 2:00 p.m. (EDT) (on Teams)**
- b) Bid Documents include: Bid Proposal
 - ➔ Instructions to Bidders (pages 9 to 14) (addendum No. 1)
 - ➔ Bid Proposal Packet (pages A-1 to B-36) (addendum No.1)
- c) 5% Bid Bond (addendum no. 1)
- d) Buy American Certification (B-23) (section in instruction to bidders, section A4 of guidelines for contract provisions for obligated sponsors and airport improvement program projects. Federal funds may not be obligated unless all iron, steel, and manufactured goods must be produced in the United States unless the FAA has issued a waiver for the product.)
- e) Addendum(s) (Addendum No. 1 was issued on March 22, 2024. Check "Do Business @ TYS" tab daily for additional addendums, must be submitted at least 7 days prior to the bid date.)
- f) Questions submitted in writing to: Michael.Giles@tys.org
- g) DBE Goal & Good Faith Effort. The DBE goal is 8.86%. MKAA understands the limited DBE opportunities in this area and as long as a good faith effort is made the bid will still be competitive.

- **PROJECT AWARD**

- a) Award of contract will be based upon lowest, responsive, and responsible bidder.
- b) The award shall be at the discretion of MKAA, dependent on receipt of FAA Grant.

- **CONTRACT REQUIREMENTS**

- a) Attachments
 - ➔ FAA mandatory contract language (guidelines for contract provisions for obligated sponsors and airport improvement program projects)
- b) Contract time (SP-3) (500 consecutive calendar days from NTP)
- c) Liquidated Damages (SP-4) (liquidated damages \$250 per calendar day)
- d) Performance and Payment Bond (Addendum No. 1 Instruction to Bidders)
 - ➔ 100% Performance Bond (addendum no. 1)
 - ➔ 100% Payment Bond (addendum no. 1)

- **QUESTIONS**

- **SITE VISIT**

