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Memphis

INTERNATIONAL AIRPORT

Pre-Bid Conference

Terminal A Ticket Counter

Replacement Electrical/Data- Construction

MSCAA Project No. 19-1423-29-02

Thursday, October 26th, 2023

Meeting Agenda

- Welcome
- Introductions
- Proposal Package Submittal
- Sign-In Sheet
- Site Visit
- Q&A Process
- Anticipated Date Sequence
- Procedures, Protocol, and General Contract Requirements
- Project Scope, Phasing, and Technical Review
- Q&A Session

USING ZOOM



UNMUTE MIC ONLY
WHEN IT'S YOUR
TURN TO SPEAK

TURN
WEBCAM
ON/OFF

SEE
PARTICIPANTS
ON THE CALL

JOIN THE
CHAT
DISCUSSION

SHARE YOUR
SCREEN

RAISE YOUR
HAND IF ANY
QUESTIONS

Introductions, Responsibilities, and Lines of Communication

Project Team:

Owner:

Memphis-Shelby County Airport Authority (MSCAA)

- Jonathan Parrish– Manager of Development
- Lori Morris – Manager of Environmental Services
- Roger Folk - Project Manager

Architect:

Renaissance Group

Tony Dai – Project Architect

Sign-In Sheet

- Although this is NOT a mandatory pre-bid meeting, we do encourage all attendees to “sign-in”.
- To sign-in, please use the Zoom Chat. Include your name, company name, whether you are a prime or subcontractor, email address, and phone number(s).
- Attendee list (name/company name only) will be posted via project website after the pre-bid meeting. Attendee list w/ contact information is available upon email request.

Proposal Package Submittals

Bid documents are available online at www.flymemphis.com/rfps-rfqs.

Bid / RFP / RFQ Name	Date Issued	Sealed Bids will be received by:
Terminal A Ticket Counter Replacement – Electrical/Data - Construction Bid No. 19-1423-29-02	October 17, 2023	Thursday, November 16, 2023 at 2pm Local Time
DOCUMENTS <ul style="list-style-type: none">• Bid Package• Specifications• Drawings		
LEGAL NOTICE Please click here to download the Legal Notice.		

[Return to main Bids/RFPs/RFQs page](#)

Please monitor www.flymemphis.com for updates, addendums, etc.

Proposal Package Submittals

Proposal Package **Required** Contents:

- Proposal Envelope
- Proposal (Specification 00405)
- Proposal Guarantee (Specification 00410)
- DBE Assurance Statement – one each per DBE Partner (Specification 00445)
- DBE Goals Accomplishment Statement (Specification 00445)
- Information on All Firms that Provide Bids or Quotes (Specification 00445)
which the scope of work and dollar value contained in your Assurance Statement is based with items included in the Proposal either circles and/or highlighted.
- Signed Addenda (if applicable)

Refer to Specification 00200 – Instructions to Bidders for full instructions

Proposal Package Submittals

UNIT PRICE SCHEDULE

ITEM NO.	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	TOTAL EST. PRICE
1	ELECTRICAL SCOPE	LS	1	\$ _____	\$ _____
2	LOW VOLTAGE SCOPE	LS	1	\$ _____	\$ _____
3	IT ALLOWANCE	ALLOW	1	\$ 10,000.00	\$ 10,000.00
4	MOBILIZATION (FIXED COST)	FIXED	1	\$ 8,100.00	\$ 8,100.00
5	DEMOBILIZATION (FIXED COST)	FIXED	1	\$ 4,800.00	\$ 4,800.00
CONTRACT BID TOTAL (TOTAL OF LINE ITEMS 1-5) \$ _____					

CONTRACT BID TOTAL (TOTAL OF LINE ITEMS 1-5):

_____ (use words)

(\$ _____)

Proposal Package Submittals

Submit proposals to:

MSCAA-Procurement Department
4150 Louis Caruthers Drive
Memphis, TN 38118

Bids due:

Thursday, November 16, 2023
2:00 PM local time

Approx. 30 minutes after, bids will be opened and publicly read via phone/video conference at

<https://us06web.zoom.us/j/83352843725?pwd=kvZOeuGlzeuSukXenI619mv84GIBK6.1;>

[Phone: +1 305 224 1968 ; Meeting ID: 833 5284 3725; Passcode: 729900\).](https://us06web.zoom.us/j/83352843725?pwd=kvZOeuGlzeuSukXenI619mv84GIBK6.1;)

Bids are good for seventy-five (75) days



PROPOSAL PACKAGE SUBMITTALS



**Procurement Warehouse
4150 Louis Carruthers Drive**

Louis Carruthers Drive

Shelby Drive



Site Visit

- Site visit available Thursday, October 26, 2023, 3:00-4:00p.m.
- Meet in Terminal A Ticketing Lobby near Frontier and Allegiant Ticket Counters
- Park in short term parking



Q&A Process

- All questions **must** be submitted to: bidquestions@flymemphis.com
- Question Deadline: **To guarantee a response, questions must be submitted by 5:00pm local time, Tuesday, November 7, 2023**
- Answers will be provided via addendum.
- **Questions not submitted in this manner will not be provided with a formal answer.**

Anticipated Date Sequence

- Questions due by 5:00 p.m. local time, **Tuesday, November 7, 2023.**
- Q&A w/ Final Addendum posted to the website not later than **Thursday, November 9, 2023.**
- Bid Opening: **Thursday, November 16, 2023**, at 2:00 p.m. local time
Bid reading will be via phone conference at 2:30 p.m. local time
- Award/Contract – Precise timing to be determined. General sequence:
 - Identification of selected proposal – November 2023
 - Notice of Intent to Award – December 2023
 - Contract Review/Execution – December 2023
 - NTP – December 2023
 - Completion – February 2024

*Continue to monitor www.flymemphis.com website for addendums after 11/7/2023

Procedures, Protocol, and General Contract Requirements



General Contract Requirements

DBE Requirements – Section 00445

Joe Claiborne – Business Diversity

Regina Armstrong -

DBE Goal:

100% SBPP

10/19/23

MSCAA 19-1423-29-02

DIVISION 0 – SECTION 00445

DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS

MSCAA operates a federal Disadvantaged Business Enterprise (DBE) Program and a non-federal Business Diversity Development Program (BDDP) to ensure full and fair opportunities in MSCAA contracting for businesses owned by socially and economically disadvantaged individuals. Memphis-Shelby County Airport Authority (MSCAA) administers both programs according to the regulations that apply to the federal program, primarily 49 CFR Part 26. Because the BDDP program applies to contracts involving non-federal funds, not every aspect of 49 CFR Part 26 is relevant to the BDDP program. In most areas, 49 CFR Part 26 will guide our operation of the BDDP including, but not necessarily limited to, rules dealing with certification and counting participation. Only firms that are certified consistent with 49 CFR Part 26 and by the MSCAA or Tennessee Department of Transportation Unified Certification Program (TN UCP), as identified below, will be considered to be certified as a Disadvantaged Business Enterprise.

This section, entitled “Disadvantaged Business Enterprise Requirements” is provided in an effort to assist Respondents. The information contained in this section is not intended to, nor does it, supplement or amend any federal regulation. All Respondents are responsible for compliance with all applicable federal and MSCAA rules and requirements.

It is a requirement that all Respondents providing services for the MSCAA take all reasonable steps to ensure that DBE have a full and fair opportunity to compete for and perform contract work without discrimination on the basis of age, race, sex, color, national origin, creed, religion, sexual orientation or disability. In order to satisfy this requirement, Respondents will be expected to timely submit documentation as identified below and throughout the contract period if selected, and cooperate with MSCAA. Failure to timely submit requested documentation, cooperate with MSCAA or answer inquiries truthfully will be considered a material contract breach and may result in termination.

The following documents must be submitted with your response to this solicitation:

DBE Assurance Statement/Letter of Intent. The Respondent must submit an Assurance Statement for each DBE whose participation the Respondent is counting toward the goal. This may include first, second, third and so on tier subcontractors and the Respondent and all subcontractors between the Respondent and the DBE should sign the Assurance Statement. The Respondent must submit this Assurance Statement on Company Letterhead.

For each Assurance Statement, the Respondent must also provide the written quote or proposal from the DBE or other communication from the DBE upon which the scope of work and dollar value contained in your Assurance Statement is based (“quote/proposal”).

For all RFQs using federal monies, the Assurance Statement(s) must still be submitted and list the DBE s to be used and their scope of work, but no dollar amount(s) is entered. Dollar amount(s) will be submitted by the prevailing Respondent upon completion of the selection process.

All portions of the Assurance Statement must be completed (including the description of work, the estimated contract amount, and the estimated dollar value of DBE participation for counting and goal purposes) before the Assurance Statement is signed by either the DBE or the Respondent. If the DBE’s, and if applicable the 2nd/3rd Tier Subcontractor’s, signature(s) can be obtained on the completed Assurance Statement before the bid

General Contract Requirements

DBE Requirements

10/19/23 Project No. MSCAA 19-1423-29-02

DBE ASSURANCE STATEMENT/LETTER OF INTENT

RESPONDENT:

Name of Firm: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____

DBE:

Name of Firm: _____
Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____

Description of work to be performed by DBE:

The Respondent is committed to utilizing the above named DBE for the work described above. The estimated dollar value of this work is \$ _____, which is _____% of the total base bid proposal.

AFFIRMATION

The above-named DBE affirms that it will perform the portion of the contract for the estimated dollar value as stated above.

By: _____
Signature of DBE and Title Date Name

By: _____
Signature of 2nd/3rd Tier Subcontractor and Title Date Name

If the Respondent does not receive award of the prime contract, any and all representations in this letter of Intent and Affirmation shall be null and void.

By: _____
Signature of Respondent and Title Date Name

(SUBMIT ON RESPONDENT'S LETTERHEAD FOR EACH DBE SUBCONTRACTOR.)

00445 ISSUED FOR BID
Page 8

General Contract Requirements

DBE Requirements

10/19/23 MSCAA 19-1423-29-02

Project No. _____

RESPONDENT DBE GOALS ACCOMPLISHMENT STATEMENT

The undersigned Respondent has satisfied the requirements of the bid/proposal specification in the following manner (please complete the appropriate spaces):

_____ The Respondent is committed to a minimum of 100% SBPP utilization on this contract.

_____ The Respondent is unable to meet the DBE goal of _____ % but is committed to a minimum of _____ % DBE utilization on this contract and submits the attached narrative and documentation demonstrating good faith efforts consistent with Appendix A of 49 CFR 26. The Respondent should attach as many pages as necessary to provide a full and complete narrative and supporting documentation of good faith efforts made. This narrative must be written on company letterhead and signed.

Please provide an explanation for the percentage quoted above:
Provide an explanation of the dollar value of DBE's participation and compensation and how this has been determined to meet the specific goal requirements of this solicitation in whole or part.

If DBE and company will enter into a Joint Venture, please describe the terms of the relationship and attach a copy of the contract between the parties.

It is the present intent of the Respondent to utilize the specific DBE firms identified in this proposal in the execution of this contract. If for any reason, one or more of the DBE identified here are unable or unwilling to participate, the Respondent will make good faith efforts to replace the DBE with a similar DBE. The Authority DBE Good Faith Procedures are provided in this package and apply to this proposal.

Respondent's Name: _____

State Registration No.: _____

Federal Tax ID No.: _____

By: _____

Signature and Title

Date

(SUBMIT THIS PAGE ON RESPONDENT'S LETTERHEAD)

ISSUED FOR BID

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General Contract Requirements

DBE Requirements

10/19/23 MSCAA 19-1423-29-02

Project No. _____

VOLUNTARY DISCLOSURE OF RESPONDENT DATA

For Title VI Compliance, we ask for voluntary disclosure of the following information:

Gender: Male
 Female

Race: Caucasian
 Black American
 Hispanic American
 Native American
 Subcont. Asian American
 Asian-Pacific American
 Other (please specify) _____

(DO NOT SUBMIT THIS PAGE ON LETTERHEAD)

00445 ISSUED FOR BID
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General Contract Requirements

Insurance Requirements– Section 00500 Exhibit C

- Non-OCIP Project
- Please review insurance requirements.

EXHIBIT C
TO
LUMP SUM CONSTRUCTION CONTRACT
FOR
TERMINAL A TICKET COUNTER REPLACEMENT – ELECTRICAL/DATA - CONSTRUCTION

BY AND BETWEEN
THE MEMPHIS-SHELBY COUNTY AIRPORT AUTHORITY
AND
(CONTRACTOR NAME)

INSURANCE REQUIREMENTS

C.1 Contractor Provided Coverages

All insurance obtained by the Contractor pursuant to this Agreement shall be written by insurance companies licensed to do business in Tennessee and acceptable to Owner. In no event shall the companies have an A. M. Best rating of less than A-, financial size VIII.

Prior to the commencement of any operations by or on behalf of the Contractor relating to the Project, and with respect to any and all such operations, the Contractor shall procure, maintain and provide to Owner and the Program Manager:

1) Evidence of Contractor's **Commercial Automobile Liability Insurance**. A certificate of insurance and copy of endorsement shall be provided as evidence of:

- a) Coverage for Owner, their officers, directors and employees as additional insureds.
- b) Coverage to apply to all liability arising out of the ownership or use of all vehicles owned by, hired by, borrowed by, or used on behalf of the Contractor.
- c) Waiver of Subrogation to be provided in favor of the Owner, the Design Professional, the Program Manager and their officers, directors, and employees.
- d) If hazardous materials or waste are to be transported, the policy will be endorsed with the MCS-90 endorsement in accordance with the applicable legal requirements.

This insurance shall be for an amount not less than \$1,000,000 combined single limit each accident

2) Evidence of Contractor's **Workers' Compensation and Employer's Liability Insurance**. A certificate of insurance or, at Owner's request, a certified policy copy shall be provided as evidence of:

- a) Coverage for claims for damages arising out of bodily injury, occupational sickness or disease or death of Contractor's employees under any applicable workers' compensation statute or any other applicable employers' liability law. Certificate of insurance or policy must clearly identify that coverage applies in the state of Tennessee.
- b) A waiver of subrogation by the insurer against the Owner the Design Professional, the Program Manager and their officers, directors and employees.
- c) This insurance shall include employers' liability limits of not less than \$1,000,000 bodily injury each accident, \$1,000,000 bodily injury by disease each employee and \$1,000,000 bodily injury by disease in the aggregate.

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Contract: Contractor Name
Terminal A Ticket Counter Replacement – Electrical/Data - Construction
MSCAA Project No. 19-1423-29-02


General Contract Requirements

Airport Construction Safety Requirements – Section 00801 and 00500-Exhibit D

Aaron Hascher, CM & ACE

MSCAA - Safety Program Manager

10/19/23	MSCAA 19-1423-29-02
DIVISION 0 – SECTION 00801	
AIRPORT CONSTRUCTION SAFETY REQUIREMENTS	
PART 1	GENERAL
1.01	SUMMARY
A.	This section contains the minimum level of safety requirements for construction projects at Memphis International Airport, General DeWitt Spain Airport, and/or Charles W. Baker Airport.
B.	Related work:
1.	Other contract documents affecting construction safety include, but are not limited to, the DIVISION 0 AND DIVISION 1 specifications.
PART 2	PRODUCTS
	Not used.
PART 3	EXECUTION
3.01	CONTRACTOR PERSONNEL SAFETY ORIENTATION
A.	The Contractor shall be responsible for briefing all construction personnel on the requirements contained in this section prior to their working in the construction area and at periodic intervals throughout the course of the contract. These briefings will be documented in writing.
3.02	SCHEDULING WORK
A.	See Specification section 01100, SEQUENCE OF CONSTRUCTION & LIQUIDATED DAMAGES.
B.	See General Provision Section 80, Paragraph 80-04, Limitation of Operations.
3.03	CONSTRUCTION SECURITY
A.	See Specification section 00802, AIRPORT SECURITY REQUIREMENTS.
3.04	LIMITATION ON CONSTRUCTION
A.	The limits of construction, material storage areas, equipment parking and other areas defined as available for the contractor's exclusive use during construction shall be identified and defined by the contractor prior to starting work on the project. Temporary barricades, flagging and flashing caution lights may be required at access points, taxiway crossings and pavement tie-ins. The type markings, barricades and flashing caution lights are designated on the construction plans and must be inspected and approved by the Airport Authority.
B.	The Contractor shall store all materials and park construction equipment, when not in use only in the areas designated on the plans or during the pre-construction conference.
C.	Stockpiling of dirt and construction materials shall be constrained in a manner preventing movement resulting from jet blast or wind in excess of 10 knots.
D.	Construction debris, waste, wrappings or loose material capable of causing damage to aircraft engines, propellers, or landing gear shall not be allowed on active aircraft movement areas. Material meeting this criteria shall be contained and removed immediately from the AOA.
ISSUED FOR BID	
	00801 Page 1

EXHIBIT D		
TO		
TERMINAL A TICKET COUNTER REPLACEMENT – ELECTRICAL/DATA- CONSTRUCTION		
FOR		
(PROJECT NAME)		
BY AND BETWEEN		
THE MEMPHIS-SHELBY COUNTY AIRPORT AUTHORITY		
AND		
(CONTRACTOR NAME)		
Construction Safety and Health Guidelines		
		
Non-OCIP Safety Program		
Revision	Revision Summary	Date
1	Amendments for clothing to include "reflective safety vests"	02/06/2017
Page 37		
Contract: Contractor Name Terminal A Ticket Counter Replacement – Electrical/Data - Construction MSCAA Project No. 19-1423-29-02		

General Contract Requirements

Safety

- Contractors shall develop their own written site-specific safety and health plans for the Memphis-Shelby County Airport Authority
- Your Safety and Health Plan shall, at a minimum, meet the requirements of 29CFR1926 – Federal OSHA Construction regulations
- Each Contractor is responsible for protecting the health and safety of its employees and the employees of each subcontractor and sub-subcontractor while ensuring they have a safe and healthful place to work.
- The site-specific safety and health program shall be submitted for approval within fifteen (15) days after the Notice to Proceed for approval to the Project Safety Manager
- Impact of claims will affect the contractor's own experience mod.

General Contract Requirements

Airport Security Requirements – Section 00802

- Construction will be within active terminal
- Contractor will require a MSCAA badge

10/19/23

MSCAA 19-1423-29-02

DIVISION 0 – SECTION 00802

AIRPORT SECURITY REQUIREMENTS

PART 1 GENERAL

1.01 CONTRACTORS SECURITY AND VEHICLE PROCEDURES OVERVIEW

- A. This overview outlines procedures concerning Airport security requirements, vehicle operation, and maintenance requirements for contractors at Memphis International Airport or any airport owned and operated by the Memphis-Shelby County Airport Authority. The sponsor Memphis-Shelby County Airport Authority (Airport Authority), airline, tenant, or concessionaire at the Airport who has hired the contractor is responsible for ensuring the contractor understands and complies with all the rules and regulations. This is a consolidated synopsis of the contractor requirements from the Airport Security Program and the Airport Rules and Regulations.

1.02 DEFINITIONS

- A. **Aircraft** - shall mean any contrivance known or hereinafter invented, used or designed for navigation of or flight in the air.
- B. **Air Operations Area (AOA)** - that part of the Airport used or intended to be used for landing, taking off, surface maneuvering, loading, unloading, or servicing the aircraft.
- C. **Airport** - shall mean the Memphis International Airport and/or the General DeWitt Spain Airport and/or the Charles W. Baker Airport – where applicable.
- D. **Airport Restricted Area** - area of Memphis International Airport that is not intended for public uses or access. These are areas designated by the Airport Authority as restricted areas and clearly identified with signs designating those areas as "RESTRICTED AREA." The restricted area also includes the AOA.
- E. **AOA Driver's Permit** - permit issued by the Airport Authority for operating unescorted motor vehicles on the AOA.
- F. **Construction Restricted Area** - any area, inside or outside of the Airport Restricted Area, which is fenced, or in some like manner defined by the Contractor. The Contractor is responsible for the security of the Construction Restricted Area.
- G. **Director** - shall mean the Director of Operations and Public Safety or his duly authorized representatives.
- H. **Job Site** - a predetermined geographic area with specific boundaries established by the Airport Authority.
- I. **Movement Area** - runways, taxiways, and other areas of the Airport used for taxiing, takeoff, and landing of aircraft, except loading ramps and parking areas.
- J. **Personal Escort** - remaining within sight of the individual under escort at all times while in the Airport restricted areas at a distance not to exceed 20 feet.
- K. **Public Area** - any area within Airport facilities open to the general public.
- L. **SIDA** - Security Identification Display Area.

ISSUED FOR BID

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General Contract Requirements

Contractor's Project Schedule – Section 01320

- At pre-construction meeting, contractor shall provide a copy of project schedule and this schedule will be updated weekly as the job progresses.

10/19/23 MSCAA 19-1423-29-02

DIVISION 1- SECTION 01320
SCHEDULES AND REPORTS

PART 1 GENERAL

1.01 SUMMARY

A. The work under this Contract shall be planned, scheduled and reported using computerized precedence diagram format of the Critical Path Method in calendar days, unless otherwise specifically provided in the Contract Documents. The Detailed Construction Schedule shall be developed by using the latest revision of Microsoft Project, or approved equal computer software.

B. Related Work:

- Documents affecting work of this Section include, but are not necessarily limited to, other Sections of these Specifications.
- Other provisions concerning Schedules and Reports are stated to Specification Sections:
01100 – Summary of Work, Sequence of Construction & Liquidated Damages
General Provision Section 60 - Control of Materials
General Provision Section 90 - Measurement and Payment

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

3.01 GENERAL REQUIREMENTS

A. The Detailed Construction Schedule shall be developed by using the latest revision of Microsoft Project, or approved equal computer software that is compatible with Owner's scheduling software.

B. The primary objectives of the requirements of this section are:

- to insure adequate planning and execution of the Work by Contractor;
- to assist Owner and Engineer in evaluating the progress of the Work;
- to provide a mechanism or tool for use by the Owner, Engineer and Contractor in determining and monitoring any actions of the Contractor which may be required in order to comply with the requirements of the Contract relating to the timely completion of the various portions of the Work

C. The Detailed Construction Schedule, defined in Paragraph 3.04, shall represent the Contractor's commitment and intended plan for completion of the Work in compliance with the Contract. The Contractor will not:

- Misrepresent to the Owner its planning, scheduling, and coordination of the work;
- Utilize schedules different from those provided to the Owner and Engineer for the direction, execution and coordination of the work;
- Utilize schedules which are not feasible or realistic; or

ISSUED FOR BID

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General Contract Requirements

10/19/23	MSCAA 19-1423-29-02
DIVISION 1 – SECTION 01741 CLEANING	
PART 1 GENERAL	
1.01 SUMMARY	
A.	Throughout the construction period, maintain the site in a standard of cleanliness including mowing of grass as described in this Section. All demolition or construction debris (FOD) shall be confined within the work site at all times.
B.	Related work:
1.	Documents affecting work of this Section include, but are not necessarily limited to, Division 0, Division 1 and other Sections of these Specifications.
2.	In addition to the standards described in this Section, comply with requirements for cleaning as described in pertinent other Sections of these Specifications.
3.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
1.02 QUALITY ASSURANCE	
A.	Conduct a daily inspection, and more often if necessary, to verify that cleanliness requirements are being met.
B.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
PART 2 PRODUCTS	
2.01 CLEANING MATERIALS AND EQUIPMENT	
A.	Provide required personnel, equipment, and materials needed to maintain the specified standard of cleanliness.
B.	In addition to the standards described in this Section, comply with pertinent requirements of governmental agencies having jurisdiction.
2.02 COMPATIBILITY	
A.	Use only cleaning materials and equipment compatible with the surface being cleaned and as recommended by the manufacturer of the material.
PART 3 EXECUTION	
3.01 PROGRESS CLEANING	
A.	General:
1.	Retain stored items in an orderly arrangement allowing maximum access, not impeding traffic or drainage, and providing required protection of materials.
ISSUED FOR BID	
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Environmental Considerations

Lori Morris, MSCAA – Manager of Environmental Services

- Cleaning (Section 01741)
- Dust
- Debris



Project Scope, Phasing, and Technical Review



Project Scope of Work

Summary of the Work, Sequence of Construction & Liquidated Damages – Section 01100

Schedule:

Forty-Five (45) calendar days
for substantial completion) +Fifteen(15) days
(closeout/final completion)

Liquidated Damages:

Table 1

<i>Milestone</i>	<i>Completion Date</i>	<i>Liquidated Damages</i>
Substantial Completion	45 days	\$500 per Day or any portion thereof
Final Completion and Demobilization Phase	15 days	\$250 per Day or any portion thereof

10/19/23 MSCAA 19-1423-29-02

DIVISION 1 – SECTION 01100

SUMMARY OF THE WORK, SEQUENCE OF CONSTRUCTION & LIQUIDATED DAMAGES

PART 1 GENERAL

Related Work:

- Documents affecting work of this Section include, but are not necessarily limited to Division 0 and Division 1 and other Sections of these Specifications.

1.01 SUMMARY

SUMMARY OF WORK

- The "Project," of which the "Work" of this Contract is a part, is titled Terminal A Ticket Counter Replacement - Electrical/Data- Construction, MSCAA Project 19-1423-29-02.
- The "Work" of this Contract is defined in the Contract Documents to include, but not be limited to, installation of existing ticket counters (including new scales) and infrastructure for common-use ticket counters in Terminal A. Existing ticket counters will need to accommodate airport's common use system which will require installing new fiber optic cabling from new Concourse to Terminal A. The work efforts include, but are not limit to, demolition of existing faux millwork/counters, installation of existing millwork/counters and scales, temporary wall, framing, painting, electrical/power, data/communication, and other efforts as required.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

3.01 PROJECT PHASING AND COMPLETION

- This is a fixed-duration Contract required to be substantially completed within forty-five (45) calendar days from the Notice to Proceed ("NTP") date. The project scope of work is as stated in Paragraphs 1.01 (A) and (B) above. Final Completion of the project shall be within fifteen (15) days of the Substantial Completion Date.

"Substantial Completion" of the project shall be defined as the stage of construction when work is substantially completed and excludes all punch list items, record drawings, O&M manuals, lien waivers, maintenance training, warranties, consent of surety to final payment, and all other required closeout documentation.

"Final Completion" of the project shall be defined as work that is 100% complete including all punch list items, record drawings, O&M manuals, lien waivers, maintenance training, warranties, consent of surety to final payment, and all other required closeout documentation. Final Completion shall include Demobilization.

"Demobilization" shall consist of all activities by the Contractor and subcontractors necessary for 100% completion of the work and final contract closeout as listed above and all cleanup work and operations, including but not limited to, removal of personnel, equipment, contractor-owned stockpiles, supplies, and incidentals from the project site; return of any and all airport-issued security identification badges; cleanup of all offices, buildings, batch plant, staging/lay-down areas, and other facilities; and restoration of all areas to preconstruction condition or better or to

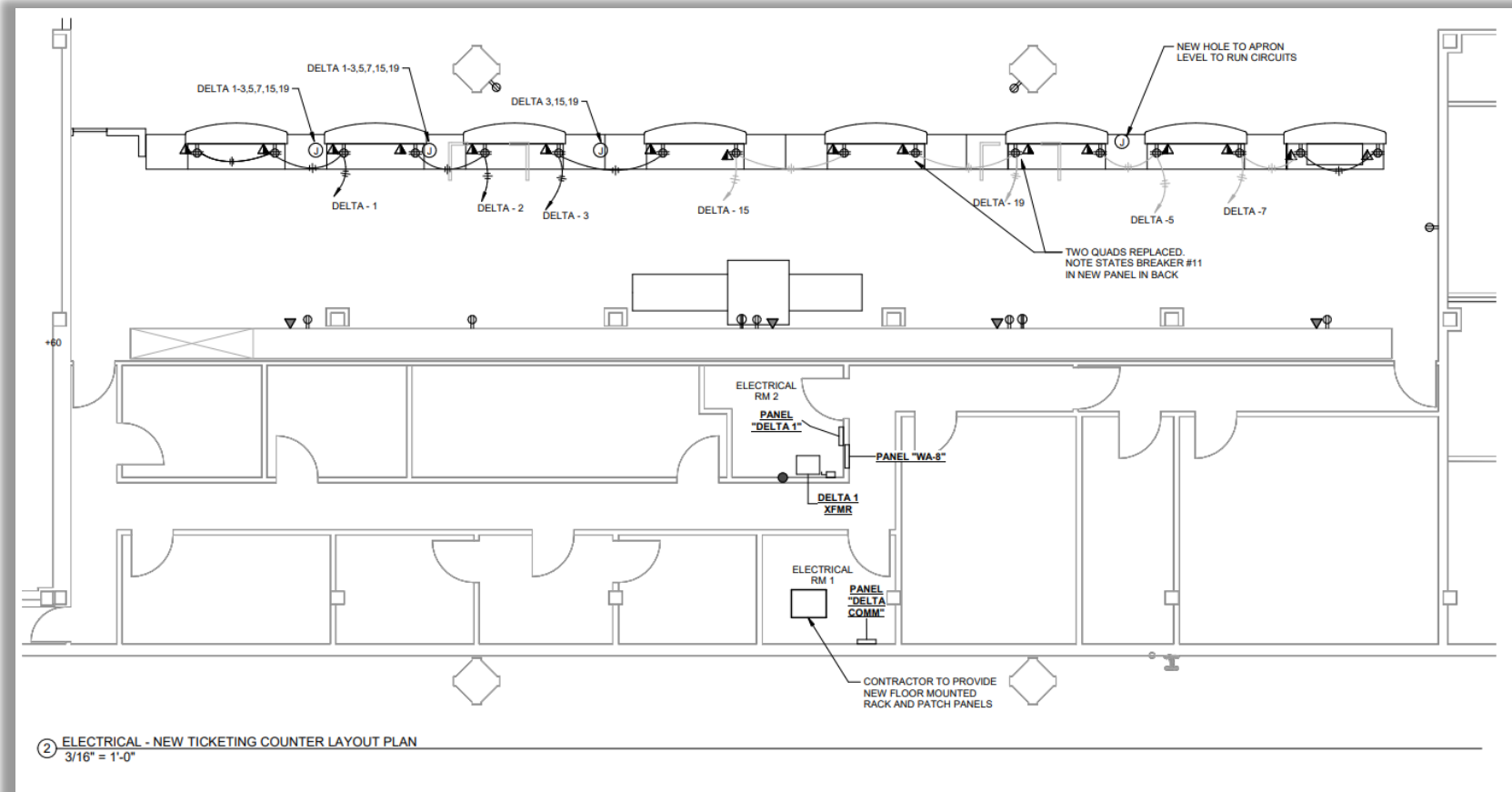
ISSUED FOR BID 01100
Page 1

Project Scope of Work

- This project will consist of the installation of new electrical and Data fiber of 3 previously removed/relocated ticket counters in Terminal A to accommodate future ticket counter needs.
- Th scope of work will generally consist of the installation of new electrical outlets for the existing ticket counters and infrastructure for common-use ticket counters in Terminal A.
- Existing ticket counters will need to accommodate airport's common use system which will require installing new fiber optic cabling from new Concourse to Terminal A.
- The work efforts include, but are not limit to, demolition of existing data fiber and racks, installation of new floor mounter rack and patch panels, electrical/power, data/communication, and other efforts as required.



Project Scope



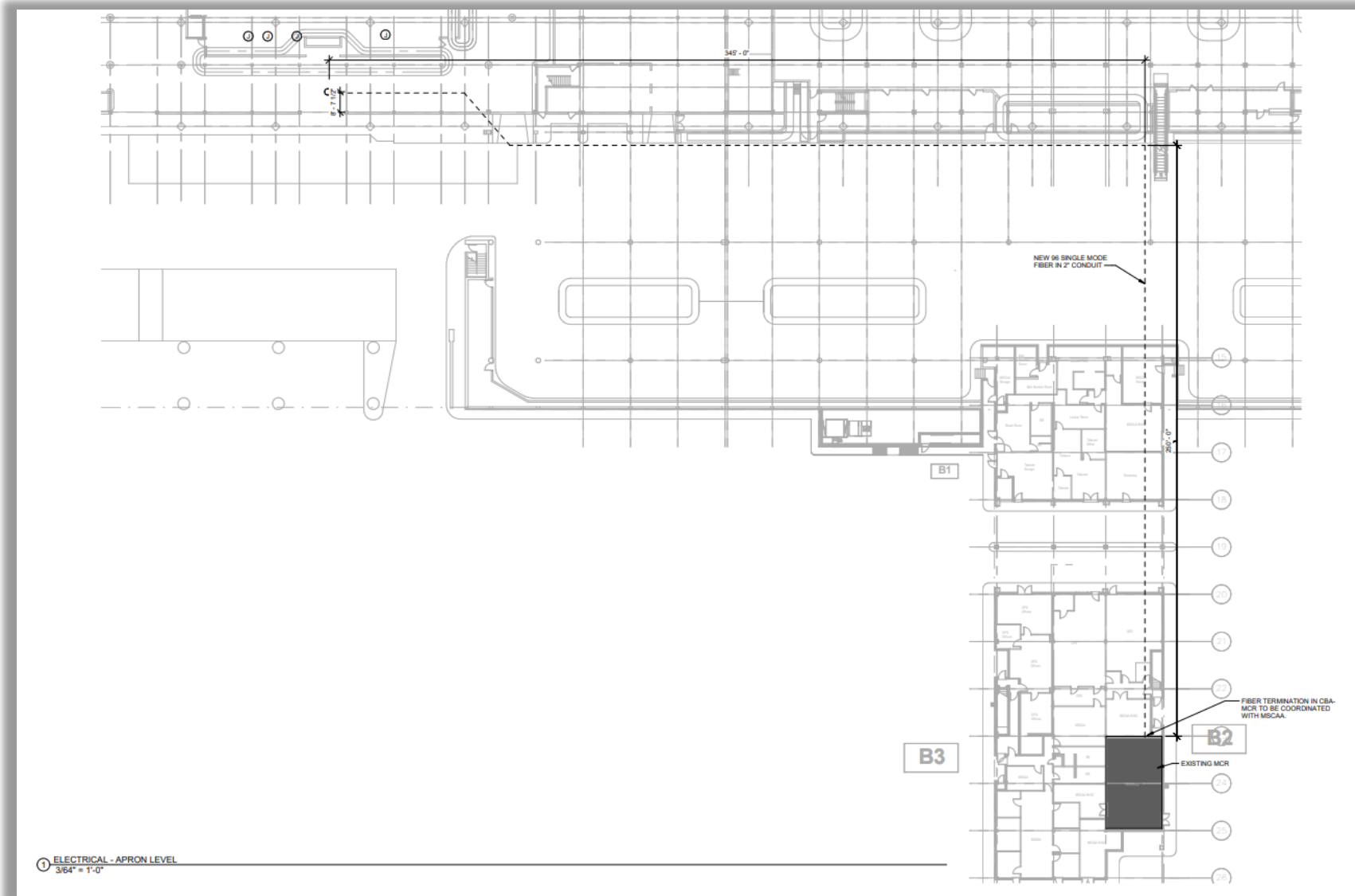
- Each ticket station will require 4/quad power and data outlets (8 per ticket counter).
- Re-use and redistribute existing electrical circuits.
- All new CAT6a data cable from counters to new data room ("Electrical Room 1").
- Approved low voltage contractors:
 - Protec, Inc.
 - Progressive Technologies
 - Mid-South Fiber Communications

Project Scope



- Remove all unused cable and equipment in existing communications room.
- New floor mounted rack required.
- New patch panels and fiber LIU's required for all new cabling.
- Removal of existing phone lines. Please note that there are two different panel, one stays/one is removed.
- Small AC unit to remain and be serviced.

Project Scope



- Project includes installing new 96 strand single mode fiber optic cable from new MCR in Concourse to new Comm Room behind ticket counters.
- Fiber optic cable to be terminated with LC connectors.
- All fiber testing should include both OLTS and OTDR testing and all strands should pass both tests.

Q&A Session



Q&A Session

All questions must be submitted to bidquestions@flymemphis.com. MSCAA will not warranty answers to questions outside this Q/A process.

Question deadline: To guarantee a response, questions must be submitted by **5:00pm local time, Tuesday, November 7, 2023.**



TAKE OFF WITH US



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INTERNATIONAL AIRPORT