

Pre-Bid Meeting

DeWitt Spain Airport Apron Rehabilitation- Construction

MSCAA Project No. 20-1440-01

Tuesday, January 14, 2025; 11:00 a.m. – 11:30 a.m.

# **MEETING AGENDA**

- Welcome
- Introductions
- Bid 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 MS TEAMS**





# INTRODUCTIONS, RESPONSIBILITIES, AND LINES OF COMMUNICATION

## **Project Team:**

### **Owner:**

Memphis-Shelby County Airport Authority (MSCAA)

## **Designer:**

Power Hills Design

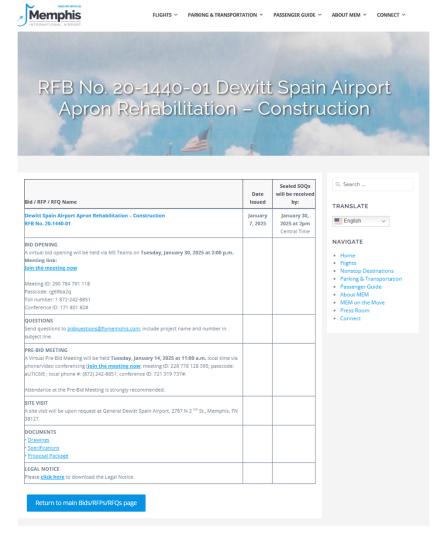
### **Program Management:**

**Parsons Transportation Group** 



Bid documents are available online at <a href="https://www.flymemphis.com/rfps-rfgs">www.flymemphis.com/rfps-rfgs</a>.

Please check for updates, addendums, etc.





### Bid Package Required Contents:

- Bid Envelope
- Bid (Specification 00405)
- Bid Guarantee (Specification 00410)
- DBE Assurance Statements one each per DBE partner (Specification 00445)
- DBE Goals Accomplishment Statement (Specification 00445)
- Information on All Firms that Provide Bids or Quotes (Specification 00445)
- Written quote or Bid or other communication from each DBE upon which the scope of work and dollar value contained in your Assurance Statements is based with items included in the Bid either circled and/or highlighted.
- Signed Addenda (if applicable)
- Summary (on company letterhead) of respondent's proposed team, qualifications, and schedule.

Refer to Specification 00200 – Instructions to Bidders/Proposers for full instructions

### Submit Bids to:

MSCAA Procurement Department 4150 Louis Carruthers Drive Memphis, TN 38116

### Bids due:

Thursday, January 30, 2025 2:00 p.m., local time

Approx. 30 minutes after, bids will be opened and publicly read via phone/video conference; the link at can be found on MSCAA website under <a href="https://flymemphis.com/rfps-rfqs/rfb-no-20-1440-01-dewitt-spain-airport-apron-rehabilitation-construction/">https://flymemphis.com/rfps-rfqs/rfb-no-20-1440-01-dewitt-spain-airport-apron-rehabilitation-construction/</a>

Bids are good for **seventy-five (75)** days





Procurement Warehouse 4150 Louis Carruthers Dr.

Louis Carruthers Dr.

**Shelby Drive** 





# SIGN IN SHEET

- Although this is a NOT mandatory pre-bid meeting; all Prime Contractors who intend to submit a Bid are encouraged to sign-in to register their attendance.
- To sign-in, please send an email to <a href="mailto:bidquestions@flymemphis.com">bidquestions@flymemphis.com</a> or via Chat stating your name, company name, whether you are a prime or subcontractor, email address, office and cell phone numbers.



# **SITE VISIT**

A site visit will be held upon request at General Dewitt Spain Airport, 2787 N 2nd St., Memphis, TN 38127.

If inclement weather occurs, the site visit will be rescheduled, and information will be placed on the MSCAA website.

# **OVERALL SCOPE OF WORK**

The scope of work for the base bid generally consists of full depth reclamation and mill/overlay of existing apron at the DeWitt Spain Airport in areas as documented on the drawings. Work efforts include, but are not necessarily limited to, earthwork, drainage improvements, asphalt paving, tack coat, seal coat, pavement markings, and other efforts as necessary



# **Q&A PROCESS**

- Please utilize the chat option to ask questions during the pre-bid meeting.
- All questions <u>must</u> be submitted to <u>bidquestions@flymemphis.com</u>; include \_project name and number in subject line.
- Questions not submitted in this manner will not be provided with a formal answer.
- Question deadline: 5:00 p.m. local time, Monday, January 20, 2025.
- We anticipate responses will be provided in an addendum by Thursday, January 23, 2025, and will be posted on the MSCAA website <a href="www.flymemphis.com">www.flymemphis.com</a>.



# **ANTICIPATED DATE SEQUENCE**

- Q & A w/ addendum posted to the website by EOB no later than Thursday,
   January 23, 2025.
- Award/Contract Precise timing to be determined.
- General sequence:
  - Identification of lowest responsive bidder March 2025
  - Notice of Intent to Award March 2025
  - Contract Review/Execution March 2025
  - NTP April 2025
  - Completion August 2025



<sup>\*</sup>Continue to monitor www.flymemphis.com website for addenda after 01/23/25

# Procedures, Protocol, and General Contract Requirements



### **DBE Requirements – Section 00445**

ReGina Armstrong – Senior Manager, Business Diversity Development

DBE Goal (base bid): 17%

### DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS

MSCAA operates a federal Disadvantaged Business Enterprise (DBE) Program¹ to ensure full and fair opportunities in MSCAA contracting for businesses owned by socially and economically disadvantaged individuals. Only firms that are certified consistent with 49 CFR Part 26 and the 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 race, color, national origin or sex. 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. (49 CFR Part 26.53(b)) 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/roposal").

For all RFOs 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 submission deadline, the Respondent should submit the fully-completed and fully-signed Assurance Statement. If the Respondent submits an Assurance Statement that is completed except for the DBE's, and if applicable, the 2nd/3rd Tier Subcontractor's signature(s) and a



<sup>&</sup>lt;sup>1</sup> The Authority also operates a non-federal Business Diversity Development Program (BDDP). The Authority administers the BDDP Program according to federal regulations, primarily 49 CFR Part 26.

### **DBE Requirements**

01/07/25		MSCAA 20-1440-01		01/07/25		MSCAA 20-1440-01 Project No.
	DBE ASSURANCE STATEMENT/LETT	TER OF INTENT			RESPONDENT DBE GOALS ACCOMPLISHM	ENT STATEMENT
RESPONDENT:				The undersigned Respo complete the appropriat	ondent has satisfied the requirements of the bid/proposa	I specification in the following manner (pleas
Name of Firm:						
					t is committed to a minimum of% DBE utilizati	
-	State:	Zip:		The Responden on this contract	it is unable to meet the DBE got of% but is command to submits the attached narrative and documentation	aitted to a minimum of% DBE utilization demonstrating good faith efforts consistent wit
Telephone:					f 49 CFR 26. The Respondent should attach as ma ative and supporting documentation of good faith o	
<u>DBE</u> :			_		tterhead and signed.	
Name of Firm:					lanation for the percentage quoted above:	
Address:					lanation of the dollar value of DBE's participation and c cific goal requirements of this solicitation in whole or p	
	State:	Zip:				
Telephone:						
Description of work to be	performed by DBE:					
				If DBE and cor	npany will enter into a Joint Venture, please describe th	ne terms of the relationship and attach a copy of
					ween the parties.	is terms of the relationship and attack a copy of
						<del></del>
	itted to utilizing the above-named DBE for the total		nated dollar			
value of this work is		in buse bld propositi			of the Respondent to utilize the specific DBE firms ide	
	AFFIRMATION				on, one or more of the DBE identified here are unable to replace the DBE with a similar DBE. The Authori	
The above-named DBE affin	rms that it will perform the portion of the contra	ct for the estimated dollar value as sta		this package and apply		, , , , , , , , , , , , , , , , , , , ,
By:Signature of DBE a	and Title Date	Name		Respondent's Name:		
	and Title Date	Name		State Registration No.	:	
By: Signature of 2 <sup>nd</sup> /3 <sup>rd</sup>	Tier Subcontractor Date	Name		Federal Tax ID No.:		
and Title				_		
	t receive award of the prime contract, any an and void. If the Respondent does receive awar			Signature and T	Title Date	
to using the DBE subcontr	ractor listed and described above to meet the					
26.					(SUBMIT THIS PAGE ON RESPONDENT'S L	ETTERHEAD)
By: Signature of Respor	ndent and Title Date	Name			(	,
	FON RESPONDENT'S LETTERHEAD FOR EA					Duniont No.
PUBMIT	TON RESPONDENT'S LETTERHEAD FOR EA			00445	ISSUED FOR BID	Project No.
	ISSUED FO	K DID	Daga 0	Page 10		



### **DBE Requirements**

01/07/25

Information on All Firms that Provided Bids or Quotes to:

MSCAA 20-1440-01

Page 13

This requirement applies to all firms, regardless of whether they are subs or primes, regardless of the gender or race of their owners, and regardless of whether they are ultimately chosen to participate in the contract. Please list below the name, address, phone number and contact person for every firm that provided you a bid or a quote on this project - even if you ultimately decided not to use the firm in preparing your final bid. The first line should be used for the prime contractor on this project. All sections must be completed to the best of your ability.

MSCAA Proj./Bid No.:	
----------------------	--

Name of Firm	Selected? Y/N	Full Address of Firm	Point of Contact	Phone No.	DBE? Y/N	Firm Age	AGRR *
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	
						yrs	

\*Footnote: Please enter the letter for the category that best identifies your annual gross revenue.

AGRR = Annual Gross Revenue Ranges:

A = Less than \$500,000 B = \$500,000 - \$1 Million

C = \$1 - \$2 Million

D = \$2 - \$5 Million

E = Over \$5 Million



ISSUED FOR BID

### **DBE Requirements**

01/07/25 MSCAA 20-1440-01

### 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)



### **DBE Requirements**

01	/07/25		MSCAA 20-1440-01
	Received: Sr. Manager of	BDD Date:	Project Name: Project No.:

### DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS FOR SUBCONTRACTS

Memphis-Shelby County Airport Authority (MSCAA) operates a federal Disadvantaged Business Enterprise (DBE) Program to ensure full and fair opportunities in MSCAA contracting for businesses owned by socially and economically disadvantaged individuals, which is governed by 49 CFR Part 26. This document sets forth DBE provisions that must be included in all contracts and subcontracts for the subject project as required by federal regulations. A SIGNED COPY MUST BE (1) SUBMITTED TO THE MSCAA DBE LIAISON OFFICER AND (2) INCLUDED IN YOUR SUBCONTRACT AS AN EXHIBIT TO ANY UNDERLYING AGREEMENT FOR THE

The undersigned parties agree and acknowledge that this document shall be deemed to form, be read and construed as, as if stated verbatim therein, part of any agreement between the parties related to the subject project. This document is an agreement wherein the parties accept, agree to, and incorporate federally mandated contractual provisions into any underlying agreement for the subject project as well as acknowledge applicable federal and local DBE rules and regulations. THE TEXT CONTAINED IN THIS DOCUMENT CANNOT BE REVISED, ALTERED, OR OTHERWISE MODIFIED BY THE PARTIES. THIS IS A FINAL

Any subcontract for the subject project shall be governed by regulations set forth in 49 CFR Part 26 and MSCAA DBE program rules and regulations, including but not limited to the following:

- 1. Assurance (49 CFR 26.13(b)): The contractor, sub-recipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to: 1) Withholding monthly progress payments; 2) Assessing sanctions; 3) Liquidated damages; and/or 4) Disqualifying the contractor from future bidding as non-responsible.
- 2. Prompt Payment (49 CFR 26.29): The prime contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 15 days after the prime contractor's receipt of payment for that work from MSCAA. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented as required by MSCAA. When MSCAA has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed. Any delay or postponement of payment from the above referenced timeframe may occur only for good cause and written approval of the MSCAA. Retainage will not be withheld on this project. No retainage will be withheld by the MSCAA from progress payments due the prime contractor. Retainage by the prime or subcontractors is prohibited. No retainage will be held by the prime from progress due subcontractors.
- 3. Termination/Substitution (49 CFR 26.53): The prime contractor may not terminate or substitute any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of MSCAA. The prime contractor must follow the procedures set forth in 49 CFR 26.53(f).
- 4. Counting Participation: DBE participation in a contract must be counted in accordance with 49 CFR 26.55 and applicable guidance
- 5. DBE Independence: Only an independent business may be certified as a DBE. An independent business is one the viability of which does not depend on its relationship with another firm or firms. Determination of ownership and control of a DBE is governed by
- 6. DBE Liaison Officer (DBELO): For DBE-related questions, issues, and disputes, please contact the MSCAA DBELO (contact information found at https://flymemphis.com/business-diversity-development-program/). The current DBELO is Regina Armstrong, who may be reached at 901-922-0167 or rarmstrong@flymemphis.com.

This document shall control and supersede any inconsistency, conflict or ambiguity contained in any underlying agreement between the parties for the subject project as to the procedures, processes, or subject matter set forth in this document or otherwise governed by 49 CFR Part 26 and/or other applicable MSCAA DBE program rules and regulations.

PRIME CONTRACTOR:		SUBCONTRACTOR:	
TITLE:	DATE:	TITLE:	DATE:
00445	ISSUED FOR	BID	

Page 12

00445



EXHIBIT C
TO
UNIT PRICE CONSTRUCTION CONTRACT
FOR
DEWITT SPAIN AIRPORT APRON REHABILITATION - CONSTRUCTION

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

### OWNER CONTROLLED INSURANCE PROGRAM

### INSURANCE REQUIREMENTS (OCIP)

### C.1. Owner Controlled Insurance Program

**Owner-Controlled Insurance** 

Section 00500 Exhibit C

Willis Towers Watson

**Program (OCIP)** 

John Shorten

Starla Lacey

The Owner has elected to implement an Owner Controlled Insurance Program (OCIP) that will provide Workers' Compensation, Employer's Liability, Commercial General Liability, Excess Liability and Builders' Risk insurance for Contractors and Subcontractors of every tier who have been properly enrolled and are providing direct labor to the Project. A general summary of coverage provided by the OCIP's included in the MSCAA OCIP Manual, (hereinafter called the Manual), a copy of which is attached hereto and made a part of this Agreement and should be attached to and incorporated in every subcontract. All terms and conditions of Exhibit C will apply during the term of the contract. The Owner agrees to pay all premiums associated with the OCIP.

While the OCIP provides uniform coverages and reasonable limits, the OCIP is not intended to meet all the insurance needs of the Contractor and eligible Subcontractors who have been properly enrolled. In addition to any insurance provided by Owner, the Contractor and all Subcontractors working on the Project will be responsible for providing certain insurance as specified in paragraph C.2. Contractors and eligible Subcontractors should discuss the OCIP with their insurance agent or consultant to assure that other proper coverages are maintained. Contractor and eligible Subcontractors enrolled in the OCIP agree that the insurance company policy limits of liability, coverage terms and conditions shall determine the scope of coverage provided by the OCIP.

### C.1.1. Applicability of the OCIP

Participation in the OCIP by the Contractor and all eligible Subcontractors is mandatory but not automatic. The Contractor and each eligible Subcontractor (as defined below) must follow the enrollment procedures shown in the Manual. The Contractor shall comply with all requirements of the OCIP as outlined in the OCIP Manual and shall require all eligible Subcontractors to comply with requirements of the OCIP manual. The Manual may be updated and revised during the course of construction to reflect any changes in State Law, Rules and/or Regulations or Procedures that may be necessary or appropriate, and said revisions will replace all previous versions. Copies of any revised Manual will be distributed by the OCIP Administrator.

- If the Contractor or any eligible Subcontractor fails to enroll any of its eligible Subcontractors of any tier, it will be subject
  to a penalty charge of the full and complete deduct as shown in C.1.2.c or 3% of the subcontract cost, whichever is
  greater. Note: Collection of the penalty charge of any non-enrolled contractor(s) of any tier does not provide automatic
  coverage in the program.
- If any Contractor or any eligible Subcontractor enrolls in the OCIP more than 30 days after its start date, it will have to
  provide a No Known Loss Letter to the Carrier along with the enrollment documentation.

<u>Eliqible Subcontractor</u> includes all Subcontractors providing or subcontracting for direct labor on any Designated Project (see definition of ineligible Subcontractors below).

<u>Ineligible Subcontractor</u> includes (but is not limited to) subcontractors performing any type of environmental remediation work (example: asbestos or underground tank removal), consultants, suppliers (that do not perform or subcontract

Pag

Contract: Contractor Name

DeWitt Spain Airport Apron Rehabilitation - Construction MSCAA Project No. 20-1440-01



### Owner-Controlled Insurance Program (OCIP)

While on-site and until commencement of warranty period, MSCAA will provide through an OCIP the following coverages:

### **Workers' Compensation**

Part One - Workers' Compensation	TN State Requirements
Part Two - Employers' Liability	
Bodily Injury by Accident – Each Accident	\$1.000.000

Bodily Injury by Disease – Policy Limit \$1,000,000 Bodily Injury by Disease – Each Employee \$1,000,000

### **Commercial General Liability**

General Aggregate Limit (Other than Products – Completed Operations)	\$4,000,000
Product-completed Operations Aggregate Limit	\$4,000,000
Personal and Advertising Injury Limit (Any One Person or Organization)	\$2,000,000
Each Occurrence Limit	\$2,000,000

### **Umbrella and Excess Liability**

Each Occurrence Limit	\$100,000,000
General Aggregate Limit	\$100,000,000

### **Builder's Risk**

### **Deductibles On Owner Provided Coverages (Contractor responsibility)**

Workers Compensation	None
Commercial General Liability	\$10,000
Builder's Risk	\$25,000

In specifying minimum Contractor insurance requirements, Owner does not represent that such insurance is adequate to protect Contractor for loss, damage or liability arising from its work. Contractor is solely responsible to inform itself of the types or amounts of insurance it may need beyond these requirements to protect itself. The insurance requirements set forth in minimum amounts shall not be construed to relieve Contractor for liability in excess of such coverage, nor shall it preclude Owner from taking such other actions as is available to it under any other provision of the contract.



Owner-Controlled Insurance Program (OCIP)

For off-site and from commencement of warranty period while on-site, contractor will provide

### **Workers Compensation**

Part One - Workers' Compensation	TN State Limits
Part Two - Employers' Liability	
Bodily Injury by Accident – Each Accident	\$1,000,000
Bodily Injury by Disease – Policy Limit	\$1,000,000
Bodily Injury by Disease – Each Employee	\$1,000,000
Commercial General Liability	
General Aggregate Limit (Other than Products – Completed Operations)	\$2,000,000
Product-completed Operations Aggregate Limit	\$2,000,000
Personal and Advertising Injury Limit (Any One Person or Organization)	\$1,000,000
Each Occurrence Limit	\$1,000,000
Automobile	
Combined Single Limit	\$1,000,000
Umbrella and Excess Liability	
Prime	\$ 5,000,000
All other contractors	\$ 1,000,000

### Other coverages we may require (please read the contract):

Professional Liability, Contractors Pollution Liability, Contractors Equipment Insurance, Aviation Liability

In specifying minimum Contractor insurance requirements, Owner does not represent that such insurance is adequate to protect Contractor for loss, damage or liability arising from its work. Contractor is solely responsible to inform itself of the types or amounts of insurance it may need beyond these requirements to protect itself. The insurance requirements set forth in minimum amounts shall not be construed to relieve Contractor for liability in excess of such coverage, nor shall it preclude Owner from taking such other actions as is available to it under any other provision of the contract.



### Other noteworthy clauses

- 1. All contractor insurers must have AM Best Rating of A- VII or better
- 2. All contractor coverages must provide Waivers of Subrogation in favor of MSCAA
- 3. MSCAA must be added as an Additional Insured to contractor coverages
- 4. All contractor coverages are primary and non-contributory to any coverages MSCAA may have
- 5. All sub-contractors of every tier must provide required coverages
- 6. Note requirements regarding Project Safety
- 7. Details of OCIP enrollment will be managed at Pre-Con



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

Aaron Hascher, CM & ACE MSCAA - Safety Program Manager

Wes Shelby Willis Towers Watson 01/07/25

MSCAA 20-1440-01

### 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
  - 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

- See Specification section 01100, SEQUENCE OF CONSTRUCTION & LIQUIDATED DAMAGES.
- B. See General Provision Section 80, Paragraph 80-04, Limitation of Operations

### .03 CONSTRUCTION SECURIT

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 particades, flagging and flashing caution lights may be required at access points, taxivay 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

ISSUED FOR BID

00801 Page 1 EXHIBIT D
TO
UNIT PRICE CONSTRUCTION CONTRACT
FOR
DEWITT SPAIN AIRPORT APPON REHABILITATION - CONSTRUCTION

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

CONSTRUCTION SAFETY AND HEALTH GUIDELINES

OCIP CONSTRUCTION SAFETY AND HEALTH GUIDELINES

### **Memphis-Shelby County Airport Authority**

**Construction Safety and Health Guidelines** 





Page 71

Contract: Contractor Name

DeWitt Spain Airport Apron Rehabilitation – Construction

MSCAA Project No. 20-1440-01



EXAMPLES OF CONTRACTOR SAFETY PLANS/PROGRAMS

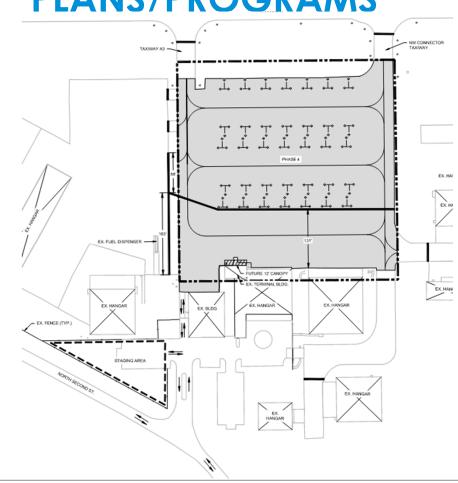
Site Traffic Control Plan

• Fire Protection Plan

Respiratory Protection Plan

Hazard Communication Program

- Hearing Conservation Program
- Dust Control Plan
- Debris Control Plan
- General Housekeeping
- General Duty Clause





### **Safety**

- Contractor 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 29 CFR1926 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 to the MSCAA Safety Program Manager within fifteen (15) days after the Notice to Proceed.
- Have an active return to work program
- In case of emergency, contact 911



01/07/25 MSCAA 20-1440-01

### <u>Airport Security Requirements –</u> Section 00802

- Airport Badging <u>is not</u> required
- Construction will take place in nonsecured area.
- Project Specific Security Requirements

### 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, airport Authority, airport Authority, airport Authority, 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 Requisitions.

### 1.02 DEFINITIONS

- 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.
- 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

00802 Page 1



### <u>Contractor's Project Schedule –</u> Section 01320

At pre-construction meeting, contractor shall provide a copy of project schedule; it is to be updated weekly as the job progresses.

01/07/25 MSCAA 20-1440-01

### 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;

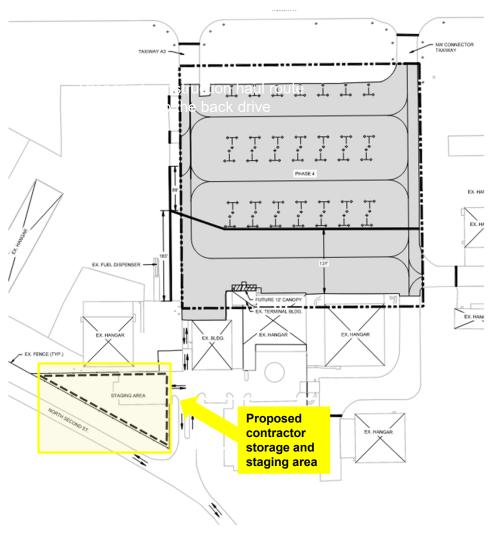
ISSUED FOR BID

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

01320 Page 1



# **CONTRACTOR ACCESS AND STAGING AREA**



Contractor parking, material delivery and setup to be discussed in detail at the discussed at the preconstruction meeting.

For purposes of this meeting, please note **proposed** construction staging area west of Second Street.

Please note other nearby construction may be taking concurrently; every effort to allocate separate access and staging areas will be taken.



# **ENVIRONMENTAL ITEMS**

### Scope of Work includes over 1 acre of soil disturbance – actual is around 4.8 acres total

- Stormwater construction permit is required
  - Contractor is responsible for
    - Notice of Intent (NOI) + \$250 processing fee; airport will provide SWPPP and assist with the NOI coordination
    - Bi-weekly EPSC inspection by a certified Level I inspector until reach 75% stabilization sod
    - Replacement/Repair of EPSC as required



(Suggest phasing disturbance to minimize EPSC issues)





# **ENVIRONMENTAL ITEMS**

- Mobile Fuel tanks must be double-walled or stored within containment and must be permitted by the City Fire Inspector
- Recommend having spill kit material onsite to respond to spills and releases, as needed
- Must report all spills/release to Pov Chin (901) 212-1944
- Waste must be protected while onsite to prevent FOD; use of airport owned dumpster is prohibited



# Project Scope, Phasing, and Technical Review



# **GENERAL DEWITT SPAIN AIRPORT**





# TRANSMONAL MEL -TRANSITIONAL MILL & OVERLAY 6=33 STA 6-00 N: 340000.71 E: 757974.37 STA 19+60-N: 341516.66 R: 757849.79 EX.1 MILL & OVERLAY EX FUEL DISPENSER FUTURE 12 CANOPY EX TERMINAL BLDG. STAGING AREA

# OVERALL LAYOUT



### TAXIWAY A ASPHALT MILLINGS STOCKPILE AREA (APPROXIMATELY 225' L X 25' W X 5' H) - NW CONNECTOR TAXIWAY TAXIWAY A3 -SILT FENCE -- SILT FENCE NO SILT FENCE WITHIN 20 FT. OF TAXIWAY EDGE OF PAVEMENT TEMPORARY TAXIWAY CENTERLINE PAVEMENT MARKING AFTER MILLING (6" YELLOW NON-REFLECTORIZED) - ABANDON EX. TIE-DOWN (SEE DETAIL ON SHEET C7.00) EX. HANGAR EX. HANGAR PHASE 1 EX. FUEL DISPENSER - SILT FENCE SHALL NOT ENCROACH ON TAXIWAY OBJECT FREE AREA. BEGIN SILT FENCE AT: E:758194.80 FUTURE 12 CANOPY EX. TERMINAL BLDG. EX. HANGAR EX. HANGAR EX. HANGAR EX. HANGAR EX. BLDG. EX. HANGAR



# TAXIWAY A NW CONNECTOR TAXIWAY TAXIWAY A3 -- 2" ASPHALT OVERLAY (BARRICADES TO TWY CL) (PHASE LIMTS TO TWY CL) TEMPORARY TAXIWAY CENTERLINE MARKING INSTALL TIE-DOWNS (TYP.) EX. HANG EX. HANG 2" MILL & OVERLAY ALL VEHICULAR TRAFFIC MUST YIELD TO AIRCRAFT UEL DISPENSER FUTURE 12' CANOPY 2" MILL & OVERLAY \_ EX. TERMINAL BLDG.



# TAXIWAY A NW CONNECTOR TAXIWAY TAXIWAY A3 -INSTALL TIE-DOWNS (TYP.) EX. PHASE 3 JEL DISPENSER FUTURE 12' CANOPY EX. TERMINAL BLDG.



# TAXIWAY A NW CONNECTOR TAXIWAY TAXIWAY A3 -PHASE 4 EX. H/ 131'



## **DEWITT SPAIN APRON REHABILITATION**

As noted in the drawings on the previous slides, there are a few work restrictions/ existing site conditions to be aware of; attendants are encouraged to thoroughly review the documents.

- Traffic (site access as shown)
- Material storage/staging requirements (staging area)
- Work by Others; be aware of and coordinate work with any other potential ongoing contracts
- Contractor shall maintain continual communication with the engineer, airport & owner to ensure coordination of the project with daily airport activities.
- This is a federally funded project with Federal, State and Local oversight; as previously mentioned, bids will also be vetted by the Tennessee Aeronautics Commission in May.
- Contractor is required to conduct all specified quality control and testing procedures. All records of these tests shall be made available to the Engineer for review. Engineer will provide quality assurance.
- Contractor is responsible for all survey required to layout the construction of the project
- Care shall be exercised when hauling heavy equipment and/or materials and shall repair any damage to existing pavements, staging areas or haul routes at no cost to the owner
- No equipment, personnel, vehicles, or storage of materials shall be allowed within the Object Free Area (OFA)
  of any open airfield pavement

# **Q&A Session**



# **Q&A SESSION**

Please utilize the chat option to ask questions during the pre-bid meeting.

Remember to submit questions via e-mail to <u>bidquestions@flymemphis.com</u>; include project name and number in subject line.

All questions <u>must</u> be submitted in this format to receive a **formal** answer. MSCAA will not warranty any other kind of answer.

Question deadline: 5:00 p.m. local time, Monday, January 20, 2025.



# TAKE ØFF WITH US

