

ADDENDUM NO. 2

GMIA-Airfield Pavement Rehabilitation-2013
&
Stormwater Box Tunnel Repair

PROJECT NO. A122-13007 & 5051-8527

OFFICIAL NOTICE NO. 6809

GENERAL MITCHELL INTERNATIONAL AIRPORT
Milwaukee County, Wisconsin

Prepared By: MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES
ARCHITECTURE AND ENGINEERING DIVISION
Airport Engineers - Telephone 414-747-5320
5300 South Howell Avenue
Milwaukee, Wisconsin 53207

DATE OF ADDENDUM: March 18, 2013

BIDS CLOSE: 2:00 P.M., WEDNESDAY March 20, 2013

TO ALL BIDDERS:

Each bidder shall read this Addendum in its entirety to determine to what extent his proposal and the contract conditions will be affected. This Addendum to the Contract Documents is issued to modify, explain, or correct the original documents and is hereby made part of the Contract Documents.

RECEIPT - Sign the following receipt and attach to submitted Proposal Form.

Receipt of Addendum No. 2, consisting of **nine (9)** pages, for **GMIA, Airfield Pavement Rehabilitation-2013 & Stormwater Box Tunnel Repair**, Official Notice No. 6809, at General Mitchell International Airport, Milwaukee, Wisconsin, dated March 18, 2013 is acknowledged.

Date _____

Firm _____

Per _____

Address _____

CHANGES

BID SCHEDULE

- Replace "Bid Schedule" with enclosed "Bid Schedule Revised".

PLANS

- Page 10. Under Keyed or Construction Joint. Delete- $\frac{1}{2}$ " by 24" Deformed Bar 18" OC. Insert- " $\frac{1}{4}$ " by 24" Deformed Bar-15" OC."

SPECIFICATIONS

- Insert enclosed "Item T-905 Topsoil" specification.
- In "Special Provisions" page 1, under Schedule of Work, remove start date of April 29, 2013. Insert May13, 2013. Remove June 3, 2013. Insert June 28th, 2013.
- In "Special Provisions" page 2, under Project Execution, remove "No rotary sweeping will be allowed" insert "Rotary sweeping will be considered an adequate substitution to a vacuum sweeper provided a thorough clean surface is attainable to the satisfaction of airport operations."

Bidders are requested to quote unit prices and make extensions for each item on the following Bid Schedule, in accordance with the proposal conditions, specifications, drawings, exhibits, and standard forms listed herein and made a part hereof. Unit prices so quoted herein shall govern in all cases.

BIDDER'S ATTENTION IS SPECIFICALLY DIRECTED to the fact that the items listed herein constitute one complete bid schedule comprising a single job unit, and the price on all items listed must be quoted in order to qualify as an acceptable bid.

BID SCHEDULE (REVISED)
GMIA - Airfield Pavement Rehabilitation-Runway 7R/25L
Project No.: A122-13007

BASE BID (REVISED)

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	Mobilization Item M-1 Lump Sum Price in Writing	1	L.S.			
2	Mill Asphalt Pavement 2-Inch Nominal Item P-152 Unit Price per Square Yards in Writing	42,000	SY			
3	Concrete Sawcutting-14 inch Item P-152 Unit Price per Linear Foot in Writing	280	L.F.			
4	Concrete Sawcutting-16 inch Item P-152 Unit Price per Linear Foot in Writing	1,600	L.F.			
5	Concrete Pavement Removal-14 inch w/mesh Item P-152 Unit Price per Square Yard in Writing	225	SY			
6	Concrete Pavement Removal-16 inch w/mesh Item P-152 Unit Price per Square Yard in Writing	2,000	SY			
7	14-Inch Concrete Pavement w/mesh Item P-501 Unit Price per Square Yard in Writing	200	SY			

BID SCHEDULE (REVISED) continued
 GMIA - Airfield Pavement Rehabilitation-Runway 7R/25L
 Project No.: A122-13007

BASE BID (REVISED)

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
8	16-Inch Concrete Pavement w/mesh Item P-501 Unit Price per Square Yard in Writing	2,000	SY			
9	Asphaltic Material PG64-28 Item P-403 Unit Price per Ton in Writing	310	Ton			
10	HMA Pavement E-3 Item P-403 Unit Price per Ton in Writing	4,600	Ton			
11	Removal/Replacement -Runway Lighting Item L-125A Unit Price per Each in Writing	149	EA			
12	Concrete Joint Sealing 3/8" wide Item JS-1 Unit Price per Lineal Foot in Writing	1,290	L.F.			
13	Concrete Joint Sealing 5/8" wide Item JS-1 Unit Price per Lineal Foot in Writing	1,300	L.F.			
14	Saw-Cut Grooving Item P-621 Unit Price per Square Yard in Writing	2,225	SY			

BID SCHEDULE (REVISED) continued
 GMIA - Airfield Pavement Rehabilitation-Runway 7R/25L
 Project No.: A122-13007

BASE BID (REVISED)

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
15	Seeding (Endophyte Enhanced) & Fertilizer Item T-901 Unit Price per Square Yard in Writing	8,000	SY			
16	Hydro Mulch Item T-908 Unit Price per Square Yard in Writing	8,000	SY			
17	Topsoil-Screened Item T-905 Unit Price per Cubic Yard in Writing	400	CY			
18	Construction Allowance Lump Sum Price in Writing	1	L.S.	\$ 40,000.00	\$ 40,000.00	
				Forty Thousand Dollars and no cents		
	BASE BID GRAND TOTAL IN FIGURES:			(IN WORDS)		
	BASE BID GRAND TOTAL IN WRITING:			(IN FIGURES)		

BID SCHEDULE (continued)
Stormwater Box Tunnel Repairs-Runway 1L/19R
Project No. 5051-8507

ALTERNATE BID

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	Mobilization Item M-1 Lump Sum Price in Writing	1	LS			
2	Asphalt Sawcutting-14 inch Item P-152 Unit Price per Linear Foot in Writing	100	LF			
3	Asphalt Shoulder Removal Item P-152 Unit Price per Square Yard in Writing	70	SY			
4	6 Inch Econocrete Concrete Pavement Item P-306 Unit Price per Square Yard in Writing	70	SY			
5	Asphaltic Material PG64-28 Item P-403 Unit Price per Ton in Writing	1	TON			
6	HMA Pavement E-3 Item P-403 Unit Price per Ton in Writing	12	TON			
7	Reinforcing Steel Item P-610 Unit Price per Pounds in Writing	2200	LB			
8	Full Depth Repair Item 03930 Unit Price per Square Foot in Writing	220	SF			

ALTERNATE BID

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
9	Rubberized Memrane Waterproofing Item 07140 Unit Price per Square Yard in Writing	30	SY			
10	Lighting Cable, 5 KVA, No. 8, In Conduit or Duct Item L-108 Unit Price per Linear Foot in Writing	40	LF			
11	PVC Electrical Conduit, 2 Inch, Sch. 40 Item L-110 Unit Price per Linear Foot in Writing	20	LF			
12	Removal/Replacement -Runway Lighting Item L-125A Unit Price per Each in Writing	2	EA			
13	Seeding (Endophyte Enhanced) & Fertilizer Item T-901 Unit Price per Square Yard in Writing	150	SY			
14	Hydro Mulch Item T-901 Unit Price per Square Yard in Writing	150	SY			
15	Construction Allowance Lump Sum Price in Writing	1	LS	\$ 10,000.00	\$ 10,000.00	
						TEN THOUSAND & NO CENTS
	ALTERNATE BID GRAND TOTAL IN FIGURES:					(IN WORDS)
	ALTERNATE BID GRAND TOTAL IN WRITING:					(IN FIGURES)

STANDARD SPECIFICATIONS

ITEM T-905 TOPSOIL

1. DESCRIPTION

- 1.1 This item shall consist of preparing the ground surface for topsoil application, removing topsoil from designated stockpiles or areas to be stripped on the site or from approved sources off the site, and placing and spreading the topsoil on prepared areas in accordance with this specification at the locations shown on the plans or as directed by the Engineer.

2. MATERIALS

- 2.1 Topsoil. Topsoil shall be the surface layer of soil with no admixture of refuse or any material toxic to plant growth, and it shall be reasonably free from subsoil and stumps, roots, brush, stones (2 inches or more in diameter), clay lumps or similar objects. Brush and other vegetation, which will not be incorporated with the soil during handling operations, shall be cut and removed. Ordinary sods and herbaceous growth such as grass and weeds are not to be removed but shall be thoroughly broken up and intermixed with the soil during handling operations. The topsoil or soil mixture, unless otherwise specified or approved, shall have a pH range of approximately 5.5 pH to 7.6 pH, when tested in accordance with the methods of testing of the association of official agricultural chemists in effect on the date of invitation of bids. The organic content shall be not less than 3% nor more than 20% as determined by the wet-combustion method (chromic acid reduction). There shall be not less than 20% nor more than 80% of the material passing the 200 mesh sieve as determined by the wash test in accordance with ASTM C117.

Natural topsoil may be amended by the Contractor with approved materials and methods to meet the above specifications.

- 2.2 Inspection and Tests. Within 10 days following acceptance of the bid, the Engineer shall be notified of the source of topsoil to be furnished by the Contractor. The topsoil shall be inspected to determine if the selected soil meets the requirements specified and to determine the depth to which stripping will be permitted. At this time, the Contractor may be required to take representative soil samples from several locations within the area under consideration and to the proposed stripping depths, for testing purposes as specified in 905-2.1.

3. CONSTRUCTION METHODS

- 3.1 General. Areas to be topsoiled shall be as indicated on the plans. If topsoil is available on the site, the location of the stockpiles or areas to be stripped of topsoil and the stripping depths shall be as shown on the plans.

Suitable equipment necessary for proper preparation and treatment of the ground surface, stripping of topsoil, and for the handling and placing of all required materials shall be on hand, in good condition, and approved by the Engineer before the various operations are started.

- 3.2 Preparing the Ground Surface. Immediately prior to dumping and spreading the topsoil on any area, the surface shall be loosened by discs or spike-tooth harrows, or by other means approved by the Engineer, to a minimum depth of 2 inches to facilitate bonding of the topsoil to the covered subgrade soil. The surface of the area to be topsoiled shall be cleared of all stones larger than 2 inches in any diameter and all litter or other material, which may be detrimental to

STANDARD SPECIFICATIONS

ITEM T-905 TOPSOIL

proper bonding, the rise of capillary moisture, or the proper growth of the desired planting. Areas, which are too compact to respond to these operations, shall receive special scarification.

Grades on the area to be topsoiled shall be maintained in a true and even condition. Where grades have not been established, the areas shall be smooth-graded and the surface left at the prescribed grades in an even and properly compacted condition to prevent, insofar as practical, the formation of low places or pockets where water will stand.

- 3.3 Obtaining Topsoil. Prior to the stripping of topsoil from designated areas, any vegetation, briars, stumps and large roots, rubbish or stones found on such areas, which may interfere with subsequent operations shall be removed using methods approved by the Engineer. Heavy sod or other cover, which cannot be incorporated into the topsoil by disking or other means, shall be removed.

When suitable topsoil is available on the site, the Contractor shall remove this material from the designated areas and to the depth as directed by the Engineer. The topsoil shall be spread on areas already tilled and smooth-graded, or stockpiled in areas approved by the Engineer. Any topsoil stockpiled by the Contractor shall be rehandled and placed without additional compensation. Any topsoil that has been stockpiled on the site by others, and is required for topsoiling purposes, shall be removed and placed by the Contractor. The sites of all stockpiles and areas adjacent thereto which have been disturbed by the Contractor shall be graded if required and put into a condition acceptable for seeding.

When suitable topsoil is secured off the airport site, the Contractor shall locate and obtain the supply, subject to the approval of the Engineer. The Contractor shall notify the Engineer sufficiently in advance of operations in order that necessary measurements and tests can be made. The Contractor shall remove the topsoil from approved areas and to the depth as directed. The topsoil shall be hauled to the site of the work and placed for spreading, or spread as required. Any topsoil hauled to the site of the work and stockpiled shall be rehandled and placed without additional compensation.

- 3.4 Placing Topsoil. The topsoil shall be evenly spread on the prepared areas to the depth required. Spreading shall not be done when the ground or topsoil is frozen, excessively wet, or otherwise in a condition detrimental to the work. Spreading shall be carried on so that turfing operations can proceed with a minimum of soil preparation or tilling. After spreading, any large, stiff clods and hard lumps shall be broken with a pulverizer or by other effective means, and all stones or rocks (2 inches or more in diameter), roots, litter, or any foreign matter shall be raked up and disposed of by the Contractor. After spreading is completed, the topsoil shall be satisfactorily compacted by rolling with a cultipacker or by means approved by the Engineer. The compacted topsoil surface shall conform to the required lines, grades, and cross sections. Any topsoil or other dirt falling upon pavements as a result of hauling or handling of topsoil shall be promptly removed.

4. METHOD OF MEASUREMENT

- 4.1 Measurement of screened topsoil shall be made according to the respective pay item in place, completes and accepted.

STANDARD SPECIFICATIONS

ITEM T-905 TOPSOIL

5. BASIS OF PAYMENT

5.1 Payment for screened topsoil will be made at the contract unit price per cubic yard of item placed. Payment shall be full compensation for all material, preparation, including grading, spreading, compaction and for all labor, equipment, tools, and incidentals necessary to complete the work item.

END OF SECTION