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PINAL COUNTY PUBLIC WORKS

To: PROSPECTIVE BIDDERS

Date: March 19, 2015

Project Name: Maricopa Casa Grande Highway Santa Cruz Wash Crossing Improvements
Project Number: 62953157
Enclosed: Addendum #2, Pages 1 & 2 of 2, Bid Schedule Page BS1 Revised 3 19 2015

Addendum #2

The following clarifications shall be included with Volume 1 of the Invitation For Bids Packet for this project and made a part there of. All items shown on the plans and Volume 1 of the Bids Packet shall remain unchanged except as specified herein.

Volume 1 of Bids Packet:

1. **Pages BS1 & BS2** included with this Addendum #2 dated March 19, 2015 is revised and shall take the place of previous bid schedules issued and shall be affixed and included as a part of the contract documents.

2. **Page TPS-13,** change the title to read: **"13. 3" Asphalt Concrete for Milled Pavement Overlay of Highway, (R-12.5mm, 1/2" Mix),** after the first sentence add the following: Three inch overlay shall be installed in two lifts having 1-1/2" thickness each lift. After first 1-1/2" lift is installed, GlassGrid **(8501)** – TF pavement reinforcement shall be installed in accordance with manufacturer's recommendations. After GlassGrid – TF is installed, contractor shall install the final 1-1/2" lift on top of the GlassGrid-TF. Payment for this item shall be per Square Yard (SY) according to the bid schedule for all work complete and in place.

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3. **Page TPS-21, "44. FEMA Floodplain"**, after the third sentence, add the following: "**This project is not in a Flood Zone A on FEMA Map 04021C1150E however, it is in a High Risk Flood Zone Area. As such, the contractor is required to purchase and show proof of builders risk insurance including flood protection for the project naming Pinal County as additional insured. Insurance company providing coverage shall be registered to do business within the State of Arizona. Insurance company providing coverage shall be subject to approval by Pinal County. The amount of coverage required shall be the contractor's total amount bid for the project and the term shall be effective during the entire duration of the project.** At the direction of the project inspector, Contractor shall install 2 each 24 inch diameter corrugated metal pipes each having a length of 75 feet under detour road in a location to direct nuisance flow thru the project site prior to removing existing nuisance pipes under new culvert to be installed. The new temporary pipes shall be removed when no longer needed for the detour. Contractor shall also channelize nuisance flows thru project site to minimize the need to close the detour road. As a part of the flood-plain use permit application, contractor shall submit a Flood Protection Plan that shall includes but is not limited to installation and removal of temporary pipes, concrete cut-off walls (i.e.: ford walls), dip sections in detour road, check dams, temporary storm-water diversion channels, repair or replacement of detour road, and false work, and form-work lost due to major storm water event(s), excess material disposal sites and haul routes to said sites. No work will be started until the contractor's FEMA Floodplain Plan is accepted by the Engineer. Plan shall accommodate all phases of the work to minimize loss of manpower, materials and equipment in the event of a flood. Unless payment is made under a separate item, payment for FEMA Floodplain will be made per Lump Sum (LS) according to the bid schedule. All other costs including but not limited to premium for Builder's Risk insurance shall be included in this item."

Plans: The following plan changes shall be made to this project as described below and do not warrant reissuance of plan sheets as a part of this addendum. Said plan changes in addition to others during construction shall be shown on the As-Built Plan set for this project.

1. **Plan Sheet 7 of 76**, referencing Pavement Structural Section No. 3, delete (3" AC ¾" mix R-19mm) and replace with (3" AC ½" Mix R-12.5mm).

Scott Bender P.E.,
County Engineer

Maricopa - Casa Grande Highway Santa Cruz Wash Crossing Improvements

Project No. 62953157 **Bid Schedule** **Revised 3/19/2015**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Traffic Control	L.SUM	1		
2	Mobilization	L.SUM	1		
3	Surveying	L.SUM	1		
4	Roadway Excavation & Embankment:	CY	11171		
5	Structural Excavation and Backfill	CY	9268		
6	Remove Existing AC Pavement by Milling	SY	12294		
7	Subgrade Preparation (Per MAG Std Specs Sec 301)	SY	18626		
8	Riprap (Per MAG Std Specs Sec 703, D50=6")	CY	319		
9	Aggregate Base Course (Including Detour)	TON	10545		
10	3" Asphalt Concrete for Paved Detour, (A-19mm, 3/4" Mix), High Traffic Pavement	TON	1260		
11	3 1/2" Asphalt Concrete for First Lift on Highway, (A-19mm, 3/4" Mix), High Traffic Pavement	TON	2200		
12	2 1/2" Asphalt Concrete for Final Lift on Highway, (A-12.5mm, 3/4" Mix), High Traffic Pavement	TON	1570		
13	3" Asphalt Concrete for Milled Pavement Overlay of Highway, (R-12.5mm, 1/2" Mix) installed in two lifts	TON	1150		
14	Tack Coat (Per MAG Std Specs Sec 329)	TON	5		
15	Concrete Ribbon Curb (Per MAG Std Dtl 220-1 Type B)	LF	417		
16	Remove Pipe, Backfill & Compact, D=24"	LF	300		
17	Relocate Light Pole	EACH	1		
18	Remove and Salvage Traffic Sign	EACH	25		
19	Miscellaneous Removals and Other Work	L.SUM	1		
20	Relocate Traffic Sign Panel	EACH	1		
21	Guardrail (Per ADOT Std Dtl C-10.02)	LF	2025		
22	Guardrail Terminal, SKT-350	EACH	4		
23	Hydro Seeding	ACRE	4		
24	4" White Thermoplastic Traffic Stripe	LF	15719		
25	4" Yellow Thermoplastic Traffic Stripe	LF	10877		
26	Foundation for Square Tube Post (Per ADOT Std Dtl S-1, Sheet 2 of 3)	EACH	22		
27	Sign Post (2 S) (Perforated) (Single) (Per ADOT Std Dtl S-1, Sheet 1)	LF	94		
28	Sign Post (2 1/2S) (Perforated) (Single) (Per ADOT Std Dtl S-1, Sheet 1)	LF	162		
29	Regulatory, Warn, or Marker Sign Panel ASTM D-4956-01A, Type XI Sheeting (Per ADOT Std Spec Sec 608)	SF	152		
30	Guardrail Extruder Terminal Marker	EACH	4		
31	Structural Concrete ADOT Class S, f'c=3000 PSI	CY	2021		
32	Reinforcing Steel	LB	313225		
33	24" CMP	LF	410		
34	End Section for 24" Pipe Culvert	EACH	10		
35	Clearing and Grubbing	L.SUM	1		
36	Glassgrid-TF #8501 Pavement Reinforcement for Mill & Overlay Area	SY	6782		
37	Remove Asphalt by Milling for Overlay & Detour	SY	14249		
38	Portable Message Board	HR	216		
39	Notification Signing	SF	50		
40	Uniformed Off-Duty Officer	HOUR	200	$45.00	$9,000.00
41	UPRR Flagman & ROE Allowance	Allowance	1	$10,000.00	$10,000.00
42	AZPDES & SWPPP	LS	1		
43	Contingency Allowance	Allowance	1	$140,000.00	$140,000.00
44	FEMA Floodplain Allowance	LS	1		
45	Silt Fence for SWPPP	LF	10214		
46	Straw Waddles for SWPPP	LF	400		
47	Track out Area for SWPPP	SY	1100		
48	Haul Millings to Hidden Valley Yard	TON	10790		
				TOTAL	

Quantities appearing in the Bid Documents are approximate only and are not to be used for the comparison of bids. Payment to Contractor shall be made only for the actual quantities of work performed and accepted and/or for materials furnished in accordance with the contract at the unit price(s) in the bid. Contractor shall verify actual quantities prior to construction and notify the Engineer of any deviation, either exceeding or under the Bid Price/Contract Price. No additional payment shall be paid to Contractor for additional quantities without a prior written change order approved by Pinal. Any additional payment paid to Contractor for additional quantities shall be based on the applicable unit price in the Bid. No payment shall be made for unused materials.