

September 18, 2018

ADDENDUM NO. 1

Notice to All Persons and Firms Proposing
to Submit a Bid or Furnish Materials for
Big Bend North ARS Infrastructure
St. Louis County Project No. AR-1675
Federal Project No. STP-5537(621)

The construction contract for this project has been revised as follows:

No. 1

Corrected Bid Sheets in Contract and Specification Book. Bid Sheet pages 323 through 334 of 342 replaced with 323a through 334a of 342, specific changes as follows:

- A.) Bid Item 904-02.13 "Signal Head, Type 3S" quantity updated
- B.) Bid Item 904-02.33 "Signal Head, Type 33S" bid item added
- C.) Bid Item 904-45.01 "Controller Unit Only, w/Internal Fiber Optic Modem, TS2, Type 2" quantity updated
- D.) Bid Item 904-45.10 "Cabinet Door Locking Assembly, Electronic" (with Power Supply, Auxiliary Power Input, Electronic Solenoid, and Card Reader with Key Pad) quantity updated
- E.) Bid Item 902-99.22 "Relocation of Existing Overhead Video Camera" bid item added

No. 2

Revised quantities to correct quantities for Bid Item No. 904-02.13, 904-45.01 and 904-45.10;
Added Bid Item No. 904-02.33 and 902-99.22 on Plan Sheet No. 2 of 89.

No. 3

Revised quantities to correct quantities for Item No. 904-45.01 and 904-45.10 on Plan Sheet No. 73 of 89.

No. 4

Added description to the scope of work; on Plan Sheet No. 74 of 89.

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No. 5

Added description to the scope of work; revised quantities to correct quantities for Item No 904-45.10 on Plan Sheet No. 75 of 89.

No. 6

Revised quantities to correct quantities for Item No. 904-45.10 on Plan Sheet No. 77 of 89.

No. 7

Added Bid Item No. 902-99.04 on Plan Sheet No. 85 of 89.

REVISED ITEMIZED BID SHEET NOS. 323a through 334a OF 342 ARE ATTACHED AND REFLECT THE CHANGES NOTED IN ITEM NO. 1 ABOVE. FAILURE TO SUBSTITUTE THE ITEMIZED BID SHEETS MAY RESULT IN REJECTION OF THE BID.

ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.

A handwritten signature in blue ink, appearing to read "Joseph W. Kulesa", with a stylized flourish at the end.

Joseph W. Kulesa, P.E.
Division Manager, Design

JWK/CJE/jlh
Attachments: Itemized Bid Sheets

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
201-20.14	Tree Removal	INCH	188		
202-20.10	Removal of Improvements	L.S.	1		
202-22.30	Removal of Rigid Pavement	S.Y.	87		
203-10.00	Class "A" Excavation	C.Y.	37.8		
203-10.30	Land Disturbance Permits	L.S.	1		
304-00.02	River Gravel (1/2" Clean)	TON	4		
304-00.99	Aggregate Base, Special, 6" Thick	S.Y.	32		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	3383.1		
404-12.76	Superpave Asphaltic Concrete Mixture SP125 (PG 76-22)CLP	TON	10102.8		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
404-21.33	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)C (Wedge and Level)	TON	3788.5		
405-30.10	Type "C" Bituminous Concrete (Pavement)	TON	499		
405-30.20	Type "D" Bituminous Concrete (Pavement)	TON	71.8		
405-30.30	Type "X" Bituminous Concrete (Base)	TON	1.9		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	15860		
412-10.02	Pavement Surfacing and Texturing (0" to 2"), Concrete or Asphalt	S.Y.	82476		
412-10.50	Pavement Surfacing and Texturing (Depth Transition)	S.Y.	17935		
502-10.18	Concrete Pavement (8" Non-reinforced), Very Early Strength	S.Y.	7.1		
502-10.58	Remove and Replace Concrete Pavement (8" Non-reinforced), Very Early Strength	S.Y.	124.4		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
509-16.08	Concrete Base Repair (8" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	16		
509-16.10	Concrete Base Repair (10" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	16		
509-16.11	Concrete Base Repair (11" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	538.7		
509-16.12	Concrete Base Repair (12" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	348.9		
509-16.13	Concrete Base Repair (13" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	141.7		
509-16.14	Concrete Base Repair (14" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	341.9		
509-16.15	Concrete Base Repair (15" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	390.9		
509-16.16	Concrete Base Repair (16" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	257.8		
509-16.17	Concrete Base Repair (17" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	141.3		

**ITEMIZED BID
BID OPTION 1 OF 1**

**FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
509-16.18	Concrete Base Repair (18" Non-reinforced, Removal and Replacement), Excludes Curb, Very Early Strength	S.Y.	140		
604-20.30	Adjusting Manhole to Grade	EACH	82		
604-90.50	Replace Precast Inlet Stone and Adjust to Grade	EACH	3		
604-90.52	Replace Inlet Sill	EACH	3		
604-90.54	Clean Storm Sewer Drainage Structures	EACH	13		
608-50.96	Remove and Replace Paved Approach (6")	S.Y.	26.2		
608-50.97	Remove and Replace Paved Approach (7")	S.Y.	478.3		
609-10.15	Concrete Curb, Modified Type "S"	L.F.	99		
609-20.21	Integral Curb (Over 6" Height)	L.F.	70		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
609-20.91	Remove and Replace Integral Curb (Over 6" Height)	L.F.	4164		
612-30.10	Standard Traffic Control Devices	L.S.	1		
612-60.92	Arrow Panel, Type "B" (Noiseless), Rental	EACH	6		
612-70.20	Changeable Message Board (Noiseless), Rental	EACH	4		
613-30.01	Partial Depth Pavement Repair, Type X Bituminous (Includes Milling, Concrete or Asphalt)	S.Y.	17.8		
619-00.00	Mobilization	L.S.	1		
803-10.00	Sodding	S.Y.	200		
803-20.00	Strip Sodding	S.Y.	715		
804-10.00	Topsoil	C.Y.	30		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
806-45.00	Inlet Protection	L.S.	1		
807-30.00	Filter Fabric (Similar to Mirafi 140)	S.Y.	97		
SUBTOTAL - ROADWAY ITEMS					

COUNTY TRAFFIC SIGNAL ITEMS					
904-02.13	Signal Head, Type 3S	EACH	2		
904-02.33	Signal Head, Type 33S	EACH	3		
904-05.43	Signal Head, Type 3B, Terminal Compartment, and Astro Bracket Mounting	EACH	5		
904-24.01	Signal Head, Type 1S, Pedestrian	EACH	19		
904-28.07	Post, Signal, w/Sq. Pedestal Base and Post Cap, 7' Maximum Total Height, Aluminum	EACH	23		

1 ADDENDUM 1

ITEMIZED BID

BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-28.10	Post, Signal, w/Sq. Pedestal Base and Post Cap, 10' Total Height, Aluminum	EACH	4		
904-32.20	19' Pole, w/20' Mast Arm, Steel	EACH	1		
904-32.26	19' Pole, w/26' Mast Arm, Steel	EACH	2		
904-32.28	19' Pole, w/28' Mast Arm, Steel	EACH	1		
904-45.01	Controller Unit Only, w/Internal Fiber Optic Modem, TS2, Type 2	EACH	9		
904-45.10	Cabinet Door Locking Assembly, Electronic, (with Power Supply, Auxiliary Power Input, Electronic Solenoid, and Card Reader with Key Pad)	EACH	9		
904-49.22	Detector, Pedestrian Push Button, APS, Freezeproof	EACH	48		
904-51.00	Conduit, 1"	L.F.	317		
904-51.03	Conduit, 1" PVC, drilled thru pavement into existing pull box	L.F.	41		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-52.00	Conduit, 2"	L.F.	565		
904-54.00	Conduit, 4"	L.F.	193		
904-74.99	Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement)	EACH	9		
904-83.05	Cable, Signal, #14 Gauge, 5 Conductor	L.F.	160		
904-83.07	Cable, Signal, #14 Gauge, 7 Conductor	L.F.	520		
904-84.00	Wire, Stranded Ground, #6 Gauge	L.F.	510		
904-85.05	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)	L.F.	1120		
904-85.06	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)	L.F.	11010		
904-85.18	Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)	L.F.	11140		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
COUNTY PROJECT NO. AR-1675

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-85.34	Cable, Communication, #18 Gauge, 4 Conductor (APS)	L.F.	1260		
904-86.01	Power Supply Assembly, on Wood Utility Pole, 120/240 Volt	EACH	1		
904-88.02	Pull Box, Double, Concrete	EACH	1		
904-89.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete	EACH	10		
904-90.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete w/1' Concrete Apron	EACH	3		
904-91.43	Base, Type P-3, Concrete	EACH	23		
904-91.56	Base, Type B-6, Concrete	EACH	4		
904-91.73	Base, Type C-3, Concrete	EACH	4		
904-95.10	Opening Drilled in Existing Concrete Pull Box	EACH	45		

ITEMIZED BID BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
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ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-95.20	Removal of Concrete Single Pull Box	EACH	1		
904-95.30	Removal of Preformed Pull Box	EACH	1		
904-95.31	Adjustment of Preformed Pull Box	EACH	10		
904-95.40	Adjustment of Concrete Single Pull Box	EACH	19		
904-95.42	Adjustment of Concrete Double Pull Box	EACH	3		
904-96.20	Removal of Concrete Base	EACH	5		
904-97.41	Removal of Mast Arm	EACH	4		
904-97.42	Removal of Signal Head	EACH	24		
904-97.43	Removal of Power Supply Assembly	EACH	1		

**ITEMIZED BID
BID OPTION 1 OF 1**

**FEDERAL PROJECT NO. STP-5537(621)
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ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-98.89	Relocation of Existing Signal Cables	L.F.	790		
904-99.40	Modification of Controller Phasing (Intersection)	EACH	5		
SUBTOTAL - COUNTY TRAFFIC SIGNAL ITEMS					

STATE TRAFFIC SIGNAL ITEMS					
902-99.22	Relocation of Existing Overhead Video Camera	EACH	2		
SUBTOTAL - STATE TRAFFIC SIGNAL ITEMS					

PEDESTRIAN AND BICYCLE ITEMS					
201-20.11	Clearing Vegetation from the Pedestrian Access Route	L.S.	1		
412-20.00	Sidewalk Grinding	EACH	115		
608-60.04	Concrete Sidewalk (4" Thick)	S.Y.	70.2		

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-5537(621)
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ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PEDESTRIAN AND BICYCLE ITEMS					
608-60.08	Concrete Sidewalk, Curb Ramp	EACH	222		
608-60.94	Remove and Replace Concrete Sidewalk (4" Thick)	S.Y.	974.6		
608-60.96	Remove and Replace Concrete Sidewalk (6" Thick)	S.Y.	408.5		
SUBTOTAL - PEDESTRIAN AND BICYCLE ITEMS					
PROJECT TOTAL - BID OPTION 1 OF 1					