

ADDENDUM NO. 2
to
CONTRACT DOCUMENTS
for
Grant County
Truck Bypass Widening & Culvert Replacement
CN: B-22-06

Silver City, New Mexico
February 2022
Bid Submittal Date: Tuesday, March 1, 2022 – 3:00 P.M.

Owner:
Grant County
Grant County Administration Center
1400 Highway 180 E.
Silver City, NM 88061

Engineer
Souder, Miller & Associates
3500 Sedona Hills Parkhill Parkway
Las Cruces, NM 88011
(575) 624-2400

Addendum No. 2 is issued to provide clarification to the above referenced project bid. This addendum constitutes a change to the aforementioned contract documents. All provisions of the contract documents not in conflict with Addendum No. 2 shall remain in full force. Receipt of this Addendum shall be acknowledged on the Bid Form.

Jesus Avitia, NMPE # 25777
Project Engineer
Souder, Miller & Associates

Date:

The following are statements of general information for plan holders.

QUESTIONS RECEIVED VIA EMAIL BEFORE THE RELEASE OF THIS ADDENDUM

Q: First the bid schedule has the prime coat by SY units, and the plans have by the ton. Could you please verify this?

A: Item 408100 Prime Coat Material should reflect Ton as the unit of measurement everywhere; see updated Bid Schedule.

Q: On the Addendum the bid date is Feb. 26th, 2022, at 10:00am, Will the County be available on Saturday to receive the bid packets?

A: This addendum addresses the change of date for submittal of bids to Tuesday, March 1, 2022, at 3:00 p.m.

Q: The 120 working days does not appear to be adequate to complete all work due to the phasing required and the cure time of the concrete items.

A: Clarification to phasing; phases 2-4 could be done in conjunction or in any order that best suits the construction timeframe.

Q: Line item 663049 Pre-Construction Utility Survey there is no special provision for this item that defines the level of work required.

A: See attached Special Provision.

TRUCK BYPASS WIDENING & CULVERT REPLACEMENT

PCN: B-22-06

Bid Form

ITEM #	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
	Unit I				
201000	CLEARING AND GRUBBING	L.S.	L.S.		
203000	UNCLASSIFIED EXCAVATION	C.Y.	8,400		
203100	BORROW	C.Y.	1,500		
203200	SUBEXCAVATION	C.Y.	400		
207000	SUBGRADE PREPARATION	S.Y.	40,100		
301012	FULL DEPTH RECLAMATION - FOAMED ASPHALT STABILIZED BASE	S.Y.	22,200		
301014	ASPHALT BINDER	TON	210		
301015	MINERAL FILLER	TON	70		
303000	BASE COURSE	TON	7,760		
408100	PRIME COAT MATERIAL	TON	70		
416104	MINOR PAVING TYPE I, HMA SP-IV	TON	5,580		
416204	MINOR PAVING TYPE II, HMA SP-IV	TON	700		
511000	STRUCTURAL CONCRETE, CLASS A	C.Y.	30		
511030	STRUCTURAL CONCRETE, CLASS AA	C.Y.	350		
515000	REINFORCED CONCRETE FOR MINOR STRUCTURES	C.Y.	80		
540060	REINFORCING BARS GRADE 60	LB	46,300		
541200	STRUCTURAL STEEL FOR MISCELLANEOUS STRUCTURE	LB	400		
570012	12" CULVERT PIPE	L.F.	340		
570024	24" CULVERT PIPE	L.F.	194		
570030	30" CULVERT PIPE	L.F.	100		
570031	30" CULVERT PIPE END SECTION	EACH	5		
570042	42" CULVERT PIPE	L.F.	10		
570043	42" CULVERT PIPE END SECTION	EACH	2		
570048	48" CULVERT PIPE	L.F.	32		
570049	48" CULVERT PIPE END SECTION	EACH	4		
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	L.S.		
601110	REMOVAL OF SURFACING	S.Y.	900		
602000	RIPRAP CLASS A	C.Y.	20		
602010	RIPRAP CLASS B	C.Y.	130		
603100	TEMPORARY SOIL STABILANT	ACRE	16		
603220	CHECK DAM TYPE II	L.F.	680		
603260	CULVERT PROTECTION	S.Y.	110		
603261	COMPOSTED MULCH SOCKS	L.F.	2,640		
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	L.S.	L.S.		
606001	SINGLE FACE W-BEAM GUARDRAIL	L.F.	575.5		
606052	END TREATMENT TL-2 END TERMINAL	EACH	8		
607010	BARBED WIRE FENCE (GAME FENCE) 4'	L.F.	210		

TRUCK BYPASS WIDENING & CULVERT REPLACEMENT

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Bid Form

ITEM #	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
	Unit II				
201000	CLEARING AND GRUBBING	L.S.	L.S.		
203000	UNCLASSIFIED EXCAVATION	C.Y.	600		
203100	BORROW	C.Y.	600		
207000	SUBGRADE PREPARATION	S.Y.	4,000		
301012	FULL DEPTH RECLAMATION - FOAMED ASPHALT STABILIZED BASE	S.Y.	2,000		
301014	ASPHALT BINDER	TON	20		
301015	MINERAL FILLER	TON	10		
303000	BASE COURSE	TON	520		
408100	PRIME COAT MATERIAL	TON	10		
416104	MINOR PAVING TYPE I, HMA SP-IV	TON	520		
416204	MINOR PAVING TYPE II, HMA SP-IV	TON	100		
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	L.S.		
603100	TEMPORARY SOIL STABILANT	ACRE	2		
603220	CHECK DAM TYPE II	L.F.	30		
603261	COMPOSTED MULCH SOCKS	L.F.	610		
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	L.S.	L.S.		
609650	CONCRETE VALLEY GUTTER 6" X 72"	L.F.	200		
618000	TRAFFIC CONTROL MANAGEMENT	L.S.	L.S.		
621000	MOBILIZATION	L.S.	L.S.		
632000	CLASS A SEEDING	ACRE	1		
632020	CLASS C SEEDING	ACRE	0.5		
663049	PRE-CONSTRUCTION UTILITY SURVEY	L.S.	L.S.		
663855	ADJUST VALVE BOX TO GRADE	EACH	1		
663865	ADJUST WATER METER TO GRADE	EACH	1		
667110	MAIL BOX INSTALLATION-SINGLE	EACH	1		
701000	PANEL SIGNS	S.Y.	60		
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	L.F.	78		
702610	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2		
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	L.S.	L.S.		
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	L.F.	6,520		
704005	RETROREFLECTORIZED PAINTED MARKINGS 24"	L.F.	30		
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	L.S.	L.S.		
802000	POST CONSTRUCTION PLANS	L.S.	L.S.		
			BASE BID		
			TOTAL		

SPECIAL PROVISIONS FOR SECTION 663-A: PRE-CONSTRUCTION UTILITY SURVEY

The 2019 Edition of the New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction shall apply in addition to the following:

663-A.1 DESCRIPTION

This Work shall consist of, but not be limited to, identifying and establishing locations of existing underground and overhead utilities within the Project limits and determining how those utilities will be impacted by the Project. This Work shall include all necessary research, field investigations, test holes, plotting, and recommendations relative to impacts on existing or proposed utility systems by Highway and/or Bridge construction. The Subsurface Utility Engineering (SUE) Contractor (SUE Contractor) shall comply with the requirements set forth in the Department's Survey Manual, Utilities Manual, NMAC17.4.2, and the latest Standard Specifications for Highway and Bridge Construction. This Work shall be complete prior to any subsurface excavation unless authorized by the Project Manager.

The Contractor shall provide all Equipment, personnel and supplies required to perform their research, designating, and locating services. The Contractor shall obtain all necessary permits from city, county or other municipal jurisdictions to allow the Contractor to Work in existing streets, roads and right-of-ways for the purpose of marking, measuring and recording of existing utilities. The Contractor shall notify Blue Stake or One Call, prior to any fieldwork and shall be responsible for any fees incurred.

663-A.1.1 Scope of Subsurface Utility Engineering Services

The Contractor shall perform all the necessary tasks required to research, designate, locate, plot and tie existing and/or proposed utilities within the Project limits. The scope of services shall be conducted in four (4) Work activities described as follows:

663-A.1.1.1 Research of Records

The Contractor shall coordinate with utility owners and others, as required, in researching the location(s) of existing utilities and the approximate location(s) of any planned utilities. While the Contractor is obtaining the information from the utility owners, the Contractor shall be required to ascertain the age and general condition of the utility facility. After the Contractor has researched all available "as-builts" from the utility owners and other available utility information, the Contractor shall perform a field review and survey to correlate all researched utilities and field utility identities and locations.

663-A.1.1.2 Designate

For the purpose of this Contract, "designate" shall mean to determine the existence and accurate horizontal location of underground utilities, using geophysical prospecting techniques including, but not limited to, electromagnetic and sonic methods. Accurate shall mean within one (1) foot to two (2) feet, unless the Project Manager specifies a more precise tolerance for the location(s). The Contractor shall also designate water wells and septic drain fields. While performing the designating service, the Contractor shall excavate preliminary test holes for the purpose of determining the general depth of the utility line. Any markings on the sidewalks or roadway for survey identification shall be of a temporary nature (Kiel, chalk, spray chalk,

nails, etc.) and shall not damage the surface in any manner. The designating service shall be done at no cost to the Department and shall be coordinated with the Project Manager and completed prior to and presented at the Pre-Construction Conference. Work shall be presented in a Plan format relative to new construction to be installed.

663-A.1.1.3 Locate

For the purpose of this Contract, "locate" shall mean to obtain precise horizontal and vertical positions of the utility facility by excavating test holes (Level A SUE). The Contractor shall locate utilities at all locations where potential conflicts have been identified as determined by the Project Manager. The test holes (pits) shall be done by a vacuum excavation system and in a manner so as not to cause damage to the utility facilities or other underground structures. Test holes shall be completed to determine utility depth and assist in location of new conduit or light pole foundation locating and installation so as to avoid any impact to existing utilities.

The Contractor shall record these locations onto the construction Plans. The Contractor shall also plot horizontal locations on a plan sheet(s) and vertical elevation on a profile and cross-section sheet(s).

663-A.2 MANPOWER, INSURANCE AND EQUIPMENT

Subsurface utility engineering services shall be provided by personnel who are qualified and experienced in subsurface utility engineering. These personnel shall be pre-approved by the Project Manager in coordination with the Utility Section. Submittal of the requirements listed below shall be approved by the Project Manager prior to beginning the Work.

663-A.2.1

The Subcontractor shall list three (3) key staff personnel. The key staff shall include:

1. A Professional Engineer registered in the State of New Mexico with expertise in subsurface utility engineering.
2. A Professional Land Surveyor registered in the State of New Mexico with expertise in surveying utilities.
3. An experienced Subsurface Utility Engineering Services Project Manager.

663-A.2.2

The SUE Subcontractor shall have and maintain professional liability insurance that covers their subsurface utility operations and insurance for their professional services that will hold the Department harmless for errors and omissions which shall remain in effect for a minimum of three (3) years after the completion of the Project.

663-A.2.3

The Subcontractor shall list the quantity and different types of Equipment that will be used for designating and locating services.

663-A.3 METHOD OF MEASUREMENT

Pre-Construction Utility Survey will be measured by Lump Sum.

663-A.4 BASIS OF PAYMENT

Pay Item
Pre-Construction Utility Survey

Pay Unit
Lump Sum

663-A.5.1 Work Included in Payment

The Department will consider as included in the payment for Pre-Construction Utility Survey and will not measure or pay separately for the following Work:

1. Equipment and supplies required for the Work;
2. Research, designating and surveying, locating, excavating test holes, surface identification and monumentation, plotting and tying, analysis and recommendations;
3. Personnel; sub-consulting; travel, accommodations and expenses incurred by personnel and sub-consultants for the required Work;
4. Necessary permits;
5. Fees incurred from notifying Blue Stake or One Call; and
6. Contractor Liability Insurance.