



CITY OF SAN ANGELO
PURCHASING DIVISION
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219

ADDENDUM 2

Date: August 7, 2018

RFB No: ES-05-18 / West Concho Avenue Project

Bid Date: August 15, 2018/2:00 PM Local Time

The following clarifications, changes, additions, and/or deletions are hereby made to the RFB:

- The pre-bid questions section of this addendum documents all questions received by August 7, 2018 with responses. If a question warranted a change to the bid documents then those changes are reflected in the addenda and supporting documentation. If a question did not warrant a change to the bid documents, a response is provided.

It is the responsibility of the vendor to ensure all addenda are considered in their pricing prior to submitting a bid by contacting the Purchasing Division at SAPurch@cosatx.us. Failure to do so will be at the risk of the vendors. No revisions to a bid can be allowed after the bids are opened for any reason.

Sincerely,

A handwritten signature in blue ink that reads "Candice Blake".

Candice Blake
Purchasing Manager

**CITY OF SAN ANGELO****PURCHASING DIVISION**

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PRE-BID QUESTIONS/CLARIFICATIONS

QUESTIONS SUBMITTED AS OF: AUG 7, 2018			
NO.	QUESTION	RESPONSE	ACTION
1	The Traffic Control Phasing plan C-101C states that access to the YMCA and First Financial Bank shall be maintained at all times. Since both businesses have access other than Concho Ave, is access from Concho Ave required at all times?	CoSA does not object to closures if affected entities agree.	Contractor to coordinate with entities.
2	What is the anticipated construction start date for this project?	Revise listed Estimated Start Date to be 1 st Qtr 2019.	Refer to Addendum 2, A2-1
3	The project has 150 calendar days and the current delivery time for Traffic Signal Poles is approximately 22 weeks, at this time. If started immediately much of the concrete work would take place in the winter months. Would the City consider delaying the construction start date to a date to be determined by a schedule provided by the contractor, after award, that takes into consideration the signal pole delivery time?	Revise Estimated Length of Project to read 150 working days charged as a standard work week defined in TxDOT Item 8L.3.1.4.	Refer to Addendum 2, A2-2
4	Usually Flexible Pavement Repair work is paid for by the SY not CY. Can this be considered?	"CY" is typographical error. Revise Bid CoSA Item 9 and TxDOT Item 4 UOM to SY.	Refer to Addendum 2, Item A2-3
5	The contractor is responsible for providing engineered shop drawings, for the two Wayfinding Signs, which could take several weeks to produce the drawings and who knows how long to have the signs manufactured. This is another reason to consider a delayed start to the project.	Remove from project scope. Set CoSA Items 49 & 50 quantities and unit prices to zero.	Refer to Addendum 2, Item A2-4
6	The plan sheet for the Wayfinding signs references the COSA Urban Wayfinding Master Plan for sign/wall specifications. Can the City provide the latest version of this master plan or a link to it?	See Question 5 above.	Refer to Addendum 2, Item A2-4
7	Does the City have a known supplier for the Wayfinding signs that they could provide the bidders with contact information?	See Question 5 above.	Refer to Addendum 2, Item A2-4
8	Does the City have a preference for what type of Seeding for Erosion Control is provided?	CoSA Specification 107 is referenced.	Attached hereto
9	CoSA Item 10 states "CRCP". What is reinforcement plan?	Use reinforcement shown in Detail C1 Plan Sheet C-103.	None
10	The typical section calls for 8" of Engineered Subgrade. What does the Engineered Subgrade consist of? Is stabilization required? If so, has the testing been done or will it be determined during construction?	Determine during construction.	None
11	Utility adjustments – how extensive?	Minor – to be coordinated during construction.	None



ADDENDUM 2 ITEMS

A2-1 RFB Page 1, INVITATION TO BID, General, Estimated Project Start Date

Change from "September 2018" to "**First Quarter 2019**"

A2-2 RFB Page 1, INVITATION TO BID, General, Estimated Length of Project

Change from "150 Calendar Days" to "**150 working days using TxDOT Item 8L.3.1.4 Standard Workweek.**"

A2-3 Bid Items CoSA 9 & TxDOT 4, Flexible Pavement Repair

Change UNITS from "CY" to "**SY**".

A2-4 CoSA Bid Items 49 & 50, Wayfinding Signs

Remove from project. Set UNITS and UNIT PRICE TO "**0**"

A2-5 TxDOT Bid Item 52, PED DETECT PUSH BUTTON

Use Polara I-Nav.

A2-6 TxDOT Bid Item 49 & 50

Delete "**LUM**".

A2-7 CoSA Bid Items 34 & 35

Change UNITS from LF to "**EA**"

A2-8 Add the following CoSA Bid Items

NO.	SPEC	CODE	DESCRIPTION	UNIT	CoSA QUANTITY	UNIT PRICE	
36-A	678	6001	PAV SURF PREP FOR MRK (4")	LF	1161		
36-B	678	6001	PAV SURF PREP FOR MRK (8")	LF	95		
36-C	678	6001	PAV SURF PREP FOR MRK (24")	LF	780		
36-D	678	6001	PAV SURF PREP FOR MRK (SYMBOL)	EA	6		
52			BATTERY BACKUP SYSTEM – ALPHA FXM 2000 RUGGED UPS MOD	EA	1		



CITY OF SAN ANGELO

ITEM 107

SEEDING FOR EROSION CONTROL

107.1 DESCRIPTION.

Seeding for Erosion Control shall consist of preparing the areas, providing for sowing of seeds, mulching with straw, hay or cellulose fiber and other management practices for the cut slopes and for the bottom of the channel detention pond area, embankments, dikes, beams and the other areas as shown on the Plans or as directed by the City excluding the rock surface in accordance with these specifications.

107.2 SEEDS.

All seeds shall meet the requirements of the Texas Seed Law including the labeling requirements for showing pure live seed, name and type of seed.

The pure live seed mixture shall consist of the following seeds in the amount noted per acre of planting area.

Green Sprangletop	- 1.2 lbs.
Common Bermuda	- 8.0 lbs.
Klien	- 1.0 lbs.
Perennial Rye	- 2.0 lbs.

Fertilizer, if specified on the Plans, shall be delivered in bags or containers clearly labeled showing the analysis. The fertilizer, if requested by the City, will be subject to testing by the Texas Department of Agriculture in accordance with the Texas Fertilizer Law. A pelleted or granulated fertilizer shall be used which has the analysis shown on the Plans. The rate of application shall be as shown on the Plans.

Straw mulch shall be oat, wheat, or rice straw. Hay mulch shall be prairie grass, Bermuda grass or other acceptable hay. The mulch shall be free of noxious weeds and foreign materials. It shall be kept in a dry condition and shall not be molded or rooted.

107.3 CONSTRUCTION METHODS.

After the areas designated for seeding are cut to the lines, grades, cross sections and to the configurations shown on the Plans, the area shall be cultivated to a depth of at least four inches. The seed bed shall be cultivated sufficiently to reduce the soil to a state of good tilth for proper germination of the grass seeds. The cross-section and configuration previously established shall be maintained throughout the process of cultivation and any necessary reshaping shall be done prior to planting of the seeds.



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ITEM 107

SEEDING FOR EROSION CONTROL

The seed mixture shall be uniformly distributed over the areas shown on the Plans or where directed by the City by the mechanical equipment. Seed and fertilizer (if called on the Plans) may be distributed at the same time provided that each component is uniformly applied at the specified rate. After planting, the planted area shall be rolled with corrugated roller of the "cultipacker" type. All rolling of the slope areas shall be on the contours. For areas smaller than half an acre, sowing of seeds by hand will be permitted. If sown by hand, the seeds shall be sown in two (2) directions at right angles to each other. Upon completion of planting of the seeds, straw or hay mulch shall be spread uniformly over the seeded area at the rate of approximately one half (1/2) to two (2) tons of hay or two (2) to two and a half tons (2 1/2) of straw per acre. The Contractor in lieu of placing the mulch by hand may use a mulching machine to shoot the mulch over the seeded area. If permitted by the City, cellulose fiber may be used in place of straw or hay mulch. The application rate for cellulose fiber as mulch shall be a minimum of twenty five hundred (2,500) lbs. per acre of area with flat surface and minimum of three thousand (3,000) lbs. per acre of area with sloped surfaces (greater than 10 percent).

Water shall be free of industrial wastes and other objectionable material. Water source to be approved by the City.

The criterion for acceptance of the work under this Item is "Good Stand of Grass." The "Good Stand of Grass" is defined as a minimum of one-half (1/2) inch of well established live grass covering at least 75 percent of the area designated for seeding. If it is necessary, the bald spots in the seeded area shall be selectively reseeded at the direction of the City.

107.4 METHOD OF MEASUREMENT.

The work performed in accordance with the specifications described herein will be measured by the acres, complete in place.

107.5 PAYMENT.

The work performed, materials furnished and measured will be paid for at the unit price bid for "Seeding for Erosion Control" which shall be full compensation for furnishing all materials and for performing all operations necessary to complete the work in an acceptable manner.

If the Contractor were to fail to provide the requirements of this Item as specified herein, the Owner shall reserve the right to engage another Contractor to complete the work and the cost thereof shall be deducted from monies payable to the Contractor for this Item.