

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 3/28/2014

Control	0924-00-093
Project	STP 2014(573)
Highway	VA
County	EL PASO

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2014(573)

CONTROL: 0924-00-093

COUNTY: EL PASO

LETTING: 04/02/2014

REFERENCE NO: 0326

PROPOSAL ADDENDUMS

- X PROPOSAL COVER
- X BID INSERTS (SH. NO.: ALL)
- X GENERAL NOTES (SH. NO.: A THRU B)

- _ SPEC LIST (SH. NO.:)
- _ SPECIAL PROVISIONS:)
- ADDED:

DELETED:

- _ SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

- X OTHER: ESTIMATE

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES - MODIFIED SHEET A(PLAN SHEETS 5 THRU 7) ADDED MODIFIED
STANDARD AND CHANGED NUMBER OF WORKING DAYS FROM 80 TO 100
MODIFIED SHEET 8,8A(BID INSERTS 1 THRU 5)

REVISED QUANTITIES FOR ITEMS 429 2010, 450 2167,
452 2002, 540 2044, 540 2046, 542 2001, 542 2002,544 2006
512 2011, 512 2029, 545 2022, 545 2023, 545 2024,502 2001
ADDED ITEMS 316 2011,316 2125 AND 450 2143

REVISED SHEET 34 MODIFIED REPAIR DETAILS
ADDED SHEETS 61-62 BRIDGE CONCRETE OVERHANG DETAILS,63 ROCK HOUSE DRAW TCP
64 TCP(6-1)-12 MOD

REVISED SHEET NUMBER 61 TO 65 AND 62 TO 66
PLAN SHEET 2 (INDEX): RENUMBERED EPIC SHEET 61 TO SHEET 65, RENUMBERED
SW3P SHEET 62 TO SHEET 66 (NO OTHER CHANGES TO THESE SHEETS); ADDED NEW
SHEETS 61,62,63,64(BRIDGE CONCRETE OVERHANG DETAILS, ROCK HOUSE DRAW TCP,
TCP(6-1)-12 MOD)
PLAN SHEET 4 ADDED TWO BRIDGE LOCATIONS IN JEFF DAVIS COUNTY

Control	0924-00-093
Project	STP 2014(573)
Highway	VA
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PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

2004 SPECIFICATIONS

WORK CONSISTING OF BRIDGE MAINTENANCE PROJECTS EL PASO COUNTY, TEXAS

The quantities in the proposal are approximate. The quantities of work and materials may be increased or decreased as considered necessary to complete the work as planned and contemplated.

This project is to be completed in 100 working days and will be accepted when fully completed and finished to the satisfaction of the Executive Director or designee.

Provide a proposal guaranty in the form of a Cashier's Check, Teller's Check (including an Official Check) or Bank Money Order on a State or National Bank or Savings and Loan Association, or State or Federally chartered Credit Union made payable to the Texas Transportation Commission in the following amount:

EIGHTEEN THOUSAND (Dollars) (\$18,000)

A bid bond may be used as the required proposal guaranty. The bond form may be detached from the proposal for completion. The proposal may not be disassembled to remove the bond form. The bond must be in accordance with Item 2 of the specifications.

Any addenda issued amending this proposal and/or the plans that have been acknowledged by the bidder, become part of this proposal.

By signing the proposal the bidder certifies:

1. the only persons or parties interested in this proposal are those named and the bidder has not directly or indirectly participated in collusion, entered into an agreement or otherwise taken any action in restraint of free competitive bidding in connection with the above captioned project.
2. in the event of the award of a contract, the organization represented will secure bonds for the full amount of the contract.
3. the signatory represents and warrants that they are an authorized signatory for the organization for which the bid is submitted and they have full and complete authority to submit this bid on behalf of their firm.
4. that the certifications and representations contained in the proposal are true and accurate and the bidder intends the proposal to be taken as a genuine government record.

• **Signed: ****

(1) _____ (2) _____ (3) _____

Print Name:

(1) _____ (2) _____ (3) _____

Title:

(1) _____ (2) _____ (3) _____

Company:

(1) _____ (2) _____ (3) _____

- Signatures to comply with Item 2 of the specifications.

**Note: Complete (1) for single venture, through (2) for joint venture and through (3) for triple venture.

* **When the working days field contains an asterisk (*) refer to the Special Provisions and General Notes.**

NOTICE TO CONTRACTORS

ANY CONTRACTORS INTENDING TO BID ON ANY WORK TO BE AWARDED BY THIS DEPARTMENT MUST SUBMIT A SATISFACTORY “AUDITED FINANCIAL STATEMENT” AND “EXPERIENCE QUESTIONNAIRE” AT LEAST TEN DAYS PRIOR TO THE LETTING DATE.

UNIT PRICES MUST BE SUBMITTED IN ACCORDANCE WITH ITEM 2 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROVISION TO ITEM 2 FOR EACH ITEM LISTED IN THIS PROPOSAL.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	2011	016	ASPH (CRS-2P) DOLLARS and CENTS	GAL	1.520	1
	316	2125	016	AGGR(TY-PB GR-4 SAC-A) DOLLARS and CENTS	CY	66.880	2
	429	2008	008	CNC STR REP (VERTICAL OR OVERHEAD) DOLLARS and CENTS	SF	710.000	3
	429	2010	008	CNC STR REP (BRDG DECK)(FULL DEPTH) DOLLARS and CENTS	SF	3,910.000	4
	438	2002		CLEAN AND SEAL EXIST JOINTS DOLLARS and CENTS	LF	228.000	5
	442	2047	016	STRUCTURAL STEEL(MISCELLANEOUS BRIDGE) DOLLARS and CENTS	LB	418.000	6
	450	2143	001	RAILING (TY T551) DOLLARS and CENTS	LF	840.000	7
	450	2160	001	RAIL (TY T221)(RETROFIT) DOLLARS and CENTS	LF	1,000.000	8
	450	2167	001	RAIL (TY T551)(RETROFIT) DOLLARS and CENTS	LF	153.000	9
	450	2642	001	RAIL (T131RC)(RETROFIT) DOLLARS and CENTS	LF	400.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	452	2002		REMOV RAIL (METAL ELEMENTS) DOLLARS and CENTS	LF	2,228.000	11
	452	2004		REMOV RAIL (CONC PARAPET & MTL ELMNTS) DOLLARS and CENTS	LF	400.000	12
	481	2008		PVC PIPE (SCH 40)(2 IN) DOLLARS and CENTS	LF	20.000	13
	481	2010		PVC PIPE (SCH 40)(4 IN) DOLLARS and CENTS	LF	40.000	14
	500	2001	011	MOBILIZATION DOLLARS and CENTS	LS	1.000	15
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	5.000	16
	512	2011	002	PORT CTB (DES SOURCE)(SAFETY SH)(TY 2) DOLLARS and CENTS	LF	2,580.000	17
	512	2020	002	PORT CTB (MOVE)(SAFETY SH)(TY 2) DOLLARS and CENTS	LF	2,880.000	18
	512	2029	002	PORT CTB (STKPL)(SAFETY SH)(TY 2) DOLLARS and CENTS	LF	2,880.000	19
	540	2001	031	MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	825.000	20

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	2005	031	TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	1.000	21
	540	2015	031	MTL W-BEAM GD FEN(TIM POST)RADIUS RAIL DOLLARS and CENTS	LF	35.000	22
	540	2034	031	MTL W-BEAM GD FEN(SPECIAL) DOLLARS and CENTS	LF	301.000	23
	540	2044	031	DOWNSTREAM ANCHOR TERMI- NAL(DAT)SECTION DOLLARS and CENTS	EA	5.000	24
	540	2046	031	MTL BM GD FEN TRANS (NON-SYM) DOLLARS and CENTS	EA	26.000	25
	542	2001		REMOVING METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	900.000	26
	542	2002		REMOVING TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	6.000	27
	544	2006		GDRAIL END TRT(INST)(WOOD POST)(TY III) DOLLARS and CENTS	EA	5.000	28
	545	2022		CRASH CUSH ATTEN (INSTL)(REACT)(N) DOLLARS and CENTS	EA	6.000	29
	545	2023		CRASH CUSH ATTEN (MOVE&RESET)(REACT)(N) DOLLARS and CENTS	EA	6.000	30

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	545	2024		CRASH CUSH ATTEN (REMOVE)(REACT)(N) DOLLARS and CENTS	EA	7.000	31
	636	2001	014	ALUMINUM SIGNS (TY A) DOLLARS and CENTS	SF	28.000	32
	662	2067		WK ZN PAV MRK REMOV (W) 4" (SLD) DOLLARS and CENTS	LF	5,810.000	33
	662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD) DOLLARS and CENTS	LF	4,370.000	34
	662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	168.000	35
	666	2002		REFL PAV MRK TY I (W) 4" (BRK)(090MIL) DOLLARS and CENTS	LF	1,100.000	36
	666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL) DOLLARS and CENTS	LF	3,580.000	37
	677	2001		ELIM EXT PAV MRK & MRKS (4") DOLLARS and CENTS	LF	3,000.000	38
	780	2001		EPOXY INJECTION (TY IX) DOLLARS and CENTS	LF	150.000	39
	788	2001	001	CONCRETE BEAM REPAIR DOLLARS and CENTS	EA	1.000	40
	1122	2031	001	SANDBAGS FOR EROSION CONTROL DOLLARS and CENTS	EA	5.000	41

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	4191	2001	001	CARBON FIBER REINF POLY CONC STRENGTHEN and DOLLARS CENTS	SF	3,127.000	42
	6834	2001	002	PORTABLE CHANGEABLE MESSAGE SIGN and DOLLARS CENTS	DAY	10.000	43

GENERAL NOTES AND SPECIFICATION DATA

This Contract consists of Bridge Maintenance (BM) on various structures along various roadways consisting of horizontal and vertical/overhead concrete repair (caps, columns, etc.), cleaning and sealing existing joints and scour repair.

Become familiar with the project site prior to submitting bids.

Standard TCP (6-1)-12 has been modified.

Plans required for this Contract

The following Area Engineer covers the areas in which the work will be performed:

Christopher Weber, P.E. AE
2400 N. Hwy. 118
Alpine, Texas 79830
(432) 837-3391

Item 4 – Scope of Work

Perform bridge maintenance operations in accordance with the appropriate traffic control standard in the plan set, for the situation at the site or as determined by the Engineer. Maintain half of the structures being worked on open to through traffic. Switch traffic to completed side when ready to work on second-half of the bridge. At no time will the structure be fully closed to through traffic. The Engineer may allow the Contractor to work on several structures at one time provided the Contractor demonstrates the ability and possesses the resources to perform work at the various locations. Work on these structures during normal daylight hours between the hours of 7 A.M. to 6 P.M. or as determined by Engineer. All quantities of materials are for estimating purposes and actual quantities shall be determined in the field by the Engineer.

In order to maximize bridge joint repairs, ambient temperatures should be close to 70° F to provide desired joint openings.

Repair any existing pavement, utilities, structures, etc., damaged as a result of the Contractor's operations at no additional cost to the Department.

Conduct all work with a minimum disturbance of existing utilities and coordinate all work in, or near, utilities with the utility owners in accordance with Item 5.5.C. Be responsible for any costs incurred by damages.

Do not leave vehicles, equipment, or material within 30-feet of the main lanes or 9-feet of the service roads when not in use or stored overnight.

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Procure a storage yard for equipment and materials. This will be subsidiary to the various bid Items. This site must be approved by the Engineer.

Item 7 - Legal Relations and Responsibilities

Do not discharge any liquid pollutant from vehicles onto the roadside. Immediately clean spills to the satisfaction of the engineer at no additional cost to the Department.

Comply with all OSHA and EPA regulations as well as all local and state requirements.

OSHA regulations prohibit operations that bring people or equipment within 10 feet of an energized electrical line. Where workers and/or equipment may be close to an energized electrical line, notify the electrical power company and make all necessary adjustments to ensure the safety of workers near the energized line.

Dispose all waste materials in compliance with Local, State, and Federal regulations. Submit list of all approved waste sites to the Engineer for review.

Item 8 - Prosecution and Progress

Once a work order has been issued by the Department, submit a Proposed Sequence of Construction. Upon approval, such sequence will constitute the construction procedure. Changes will not be permitted in the approved sequence except as approved in writing by the Engineer.

Prepare the progress schedule as a Bar chart conforming to Item 8.2.B. Show an estimated production rate per working day for each work activity.

Provide project schedule revisions with monthly updates. Monthly schedule updates are a very important aspect of managing the progress of this project. The Engineer may withhold the monthly estimate if the schedule update is not received.

Nighttime work is allowed as approved and directed by the Engineer. Nighttime work shall be performed between the hours of 9:00 P.M. and 6:00 A.M. Where nighttime work is approved, provide adequate lighting for the entire work site as directed. This shall be subsidiary to various bid Items.

Complete the project in **100** working days in accordance with Section 8.3.A.4, "Standard Work Week."

There shall be Contractor cooperation within limits of this project and adjoining projects in accordance with Item 5.5.A.

Item 9 - Measurement and Payment

Submit Material-On-Hand payment requests at least **three (3)** working days prior to the end of the month for payment on that month's estimate.

Item 429- Concrete Structure Repair

Use Department approved products to accomplish horizontal and vertical concrete repair.

All concrete repair materials will meet requirements as follows:

- Rapid-return to service within 2 hours of placement (f 'c = 2000 PSI minimum)
- Prompt- return to service within 24 hours of placement (f 'c = 3600 PSI minimum)
- Normal- return to service when required cure time and minimum 7 day compressive strength has been attained as specified in Items 429 or 439.

Item 432- Riprap

Concrete for riprap and dissipater(s) will be Class "B" concrete.

No wire mesh will be allowed for reinforcement for riprap and dissipater(s).

**Item 438 – Cleaning and Sealing Joints and Cracks
(Rigid Pavement and Bridge Decks)**

Provide and use a "jig" to install backer rods to the depth shown in the plans to insure that backer rods are placed at a consistent depth. The "jig" is subsidiary to Item 438.

Item 502 - Barricades, Signs and Traffic Handling

Once a month, the Contractor's responsible person for TCP Compliance will accompany Department personnel on at least one daytime inspection and one nighttime inspection of the traffic control devices used on the project.

In addition to providing a responsible person and a phone number for emergency contact, have an employee(s) available to respond on the project for emergencies and for taking corrective measures within 30 minutes.

If the Contractor deviates from TCP Standards, with the approval of the Engineer, Contractor-proposed major modifications will bear the seal of a licensed Professional Engineer.

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Portable Changeable Message Signs (P.C.M.S.) will be required as directed. Post these signs two weeks prior to beginning construction to alert motorists of upcoming construction and speed reductions.

Minimum sign clearances will be as shown on the TCP Plans & (B-C) Standards.

Place and maintain sufficient additional warning signs, beacons, delineators, and barricades to warn and guide the public of all hazards through the construction zone at all times, and as directed by the Engineer.

Flashing arrow boards will be used on all tapers for each lane closure.

Place the barricades, devices, and/or signs, as approved, in positions to meet field conditions.

Truck Mounted Attenuators (TMA) used on Department facilities must be NCHRP 350 compliant. NCHRP 350 level 2 compliant TMA's are approved for use only on roadways with regulatory speed limits of 45 MPH or less. NCHRP 350 level 3 TMA's may be used on any department facility. The supporting vehicle shall have a gross (i.e. ballasted) vehicular weight of 20,000 +/- 1,000 pounds unless the TMA manufacturer recommends another weight. Attachment of TMA shall be with manufacturer's recommendations.

Partial acceptance of each completed work area within the project limits may be allowed. Project limit signs may be removed after partial acceptance is granted and the Contractor shall be relieved of any further maintenance.

Place project limit signs (project beginning and project ending), and temporary warning signs within the project limits in accordance with BC (07)-13 Standard sheets 1, 2, & 3.

Law enforcement assistance will be required, when directed, and is expected for major traffic control changes and lane closures. Coordinate with local law enforcement and arrange for full-time off-duty uniformed peace officers in officially marked vehicles as directed or agreed by the Engineer. Complete the weekly tracking form provided by the Department and submit invoices that agree with the tacking form for payment at the end of each month that approved services were provided.

Peace officers will be certified by the Texas Commission of Law Enforcement Officers standards. Rates for law enforcement officers and marked vehicles will be invoice plus 5%.

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and the Contractor's Responsible

Person based on weekly or more frequent traffic management reviews on the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Item 1122 - Temporary Erosion, Sedimentation, and Environmental Controls

Place Best Method Practices (BMP's) in locations as designated in the plans or as directed to meet field conditions.

Place rain gauge(s) at locations as designated.

The soil disturbed area in this project, all project locations in the Contract, and Contractor Project Specific Locations (PSLs), within one mile of the project limits, for the Contract will further establish the authorization requirements for Storm Water Discharges. The Department will obtain an authorization to discharge storm water from TCEQ for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off right of way. When the total area disturbed for all projects in the Contract and PSLs within one mile of the project limits exceeds five acres, provide a copy of the Contractor NOI PSLs on the right of way to the Engineer (to the appropriate MS4 Operator when on an Off-system State route).

Place BMP's as shown on the plans, or as directed. Maintain and properly place the erosion control measures to prevent storm water pollution to the Waters of the United States, as directed. Within the project limits, keep all inlets functional as long as possible to accept storm water as part of the Storm Water Pollution Prevention Plan (SWP3), as directed.

Grading operations will be limited to the catch point of the proposed cross-section.

Preserve any vegetation outside these limits.