

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 8/03/2016

Control	<u>0011-06-045, ETC.</u>
Project	<u>STP 1602(560)HES, ETC.</u>
Highway	<u>US 180, ETC.</u>
County	<u>SHACKELFORD, ETC.</u>

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 1602(560)HES

CONTROL: 0011-06-045

COUNTY: SHACKELFORD

LETTING: 08/10/2016

REFERENCE NO: 0802

PROPOSAL ADDENDUMS

X PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-2,2-2)

X GENERAL NOTES (SH. NO.: B,C,D,E)

X SPEC LIST (SH. NO.: 2-2)

X SPECIAL PROVISIONS:

ADDED: 008---003

DELETED:

X SPECIAL SPECIFICATIONS:

ADDED:

DELETED: 3014

X OTHER: SEE CHANGES OUTLINED BELOW

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

*****Proposal Cover*****

Revised Type of Work

Revised Work Days

*****Bid Codes*****

Sheet 1-2: Item 502-6001 revised.

Sheet 2-2: Item 3014-6001 deleted.

*****Specification Data:*****

Sheet B General Notes for Item 8 added.

Sheet C General Notes moved due to additional notes.

Sheet D General Notes moved due to additional notes

Sheet E General Note for Item 3014 deleted.

*****Spec List:*****

Sheet 2-2 Special Provision 008---003 added.

Sheet 2-2 Special Specification 3014 deleted

*****Plan Sheets:*****

Replaced Sheets 1,42 removing high friction surface treat work.

Replaced Sheets 3-5 adding notes under item 8 & deleting item 3014 notes.

Replaced Sheets 6-8 revising item 502 quantity & deleting item 3014.

Replaced Sheet 9 deleting item 3014.

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PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

2014 SPECIFICATIONS

WORK CONSISTING OF FLASH BEACON

SHACKELFORD COUNTY, TEXAS, Etc.

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 87 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:

TWELVE THOUSAND (Dollars) (\$12,000)

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.				
	104	6064		REMOVING CONC (MISC) DOLLARS and CENTS	CY	1.000	1
	416	6029		DRILL SHAFT (RDWY ILL POLE) (30 IN) DOLLARS and CENTS	LF	136.000	2
	432	6006		RIPRAP (CONC)(CL B) DOLLARS and CENTS	CY	6.950	3
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	4
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	5.000	5
	610	6214		IN RD IL (TY SA) 40T-8 (250W EQ) LED DOLLARS and CENTS	EA	17.000	6
	618	6019		CONDT (PVC) (SCH 40) (1 1/4") DOLLARS and CENTS	LF	360.000	7
	618	6023		CONDT (PVC) (SCH 40) (2") DOLLARS and CENTS	LF	1,840.000	8
	618	6024		CONDT (PVC) (SCH 40) (2") (BORE) DOLLARS and CENTS	LF	1,186.000	9
	620	6004		ELEC CONDR (NO.12) INSULATED DOLLARS and CENTS	LF	864.000	10
	620	6008		ELEC CONDR (NO.8) INSULATED DOLLARS and CENTS	LF	10,230.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	624	6002		GROUND BOX TY A (122311)W/APRON DOLLARS and CENTS	EA	38.000	12
	624	6006		GROUND BOX TY BATTERY (162915)W/ APRON DOLLARS and CENTS	EA	36.000	13
	628	6033		ELC SRV TY A 240/480 060(NS)AL(E)SP(O) DOLLARS and CENTS	EA	7.000	14
	636	6001		ALUMINUM SIGNS (TY A) DOLLARS and CENTS	SF	576.000	15
	644	6076		REMOVE SM RD SN SUP&AM DOLLARS and CENTS	EA	36.000	16
	666	6315		RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL) DOLLARS and CENTS	LF	7,300.000	17
	668	6076		PREFAB PAV MRK TY C (W) (24") (SLD) DOLLARS and CENTS	LF	80.000	18
	672	6009		REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	92.000	19
	682	6003		VEH SIG SEC (12")LED(YEL) DOLLARS and CENTS	EA	30.000	20
	682	6005		VEH SIG SEC (12")LED(RED) DOLLARS and CENTS	EA	40.000	21
	685	6004		INSTL RDSD FLSH BCN ASSM (SOLAR PWRD) DOLLARS and CENTS	EA	36.000	22

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ABILENE DISTRICT GENERAL NOTES 2014 SPECIFICATIONS

General

Questions prior to letting may be submitted by e-mail to the names indicated below and will be answered by e-mail:

Wayne Ekdahl, P.E.: Wayne.Ekdahl@txdot.gov

Paul Norman, P.E.: Paul.Norman@txdot.gov

A file containing these questions and answers will be available for review at the Area Engineer's office.

Failure to make necessary corrections to SW3P or traffic control items based on SW3P or barricade inspections will be cause for withholding the monthly estimate until such corrections have been made.

Item 5, "Control of Work"

All known utilities are identified in the plans, including the crossing of power lines. Use this information to identify potential issues with power poles and power lines prior to bidding. Make necessary arrangements with utility owners regarding temporary protections such as bracing power poles, and de-energizing power lines. The Department will not reimburse the cost of such temporary protections to the Contractor, unless the Engineer determines that inadequate information was available at the time the project was bid. **"Call Before You Dig" "Call 811"**

Provide notification to the District Signal Shop by telephone at 325-676-6981 and by fax at 325-676-6986 when planning drilling or excavation work in areas where existing TxDOT underground utilities exist. Visual evidence of TxDOT underground utilities in the area include illumination poles, ground boxes, flashing beacons, traffic signals, etc. This notification must be provided 48 hours in advance of performing the work, but no earlier than 72 hours before the work will commence. Drilled shaft locations or excavation areas must be staked prior to the notification so that the underground utilities can be located in relationship to the proposed work. Preserve and document the marked utility locations to prevent unnecessary secondary notifications. Secondary notifications that are due to failure to preserve and document previously marked utilities will be responded to at a cost of \$500 each and will be deducted from the next payment. Notify the Engineer of conflicts between proposed work and underground utilities. Repair damaged TxDOT utilities in accordance with current electrical regulations, or as directed by the Engineer when damage is due to failure to provide notification to the District Signal Shop or failure to notify the Engineer of conflicts between proposed work and underground utilities. Repair work for these reasons will be performed at the Contractor's expense unless documentation is available to demonstrate otherwise as determined by the Engineer.

Obtain approval from the Engineer of staked locations for illumination foundations, pull boxes, and power source prior to construction.

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Item 8 “Prosecution and Progress”

Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A Contractor awarded multiple contracts must be capable and sufficiently staffed to concurrently process and/or execute all contracts at the same time.

Coordinate and update the work schedule with the project inspector daily. Give a minimum of 24 hours notice to project inspector if work requiring inspection or testing is to be performed. Failure to do so may cause that work to be delayed or postponed if TxDOT personnel are not available. Work performed without suitable inspection, as determined by the Engineer, may be ordered removed and replaced at Contractor’s expense.

Working day charges will be in accordance with Special Provision 008---003 (90 calendar days after the date of the written authorization to begin work. Do not begin any work before the end of this period unless authorized in writing by the Engineer.) This delay start time is to provide time to manufacture illumination and signal components, and deliver materials for this project.

The Contractor is hereby authorized to begin work prior to the expiration of the number of calendar days provided in the Special Provision to Item 8, Article 8.1. Notify the Engineer in writing of the date to begin work. Time charges will commence when work begins or on the expiration of the number of calendar days provided, whichever occurs first.

Item 416, “Drilled Shaft Foundations”

All soil, water, and slurry removed from drilled shafts shall be captured and disposed of properly. No discharge of these materials into, or in close proximity to, the surrounding water will be allowed.

Item 421, “Hydraulic Cement Concrete”

As a minimum, curing facility includes concrete curing tank, heater and a concrete recording thermometer. Provide a recorder with the capability to chart temperatures for 24 hours, 7 days and 30 day period of time.

Air Entrainment requirements are waived with exception to bridge deck concrete, and rails, top slabs of direct traffic culverts and approach slabs. Air Entrainment is required for all slip formed concrete (bridge rail, concrete traffic barrier, pavement, etc.).

For this project, the Engineer will provide strength-testing equipment for acceptance testing.

For this project, the Engineer will provide the curing facility.

Item 432, “Riprap”

Place riprap around the illumination foundation as shown on Standard Sheet RID (FND)-11. Riprap will be paid for under item 432.

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Item 502, “Barricades, Signs and Traffic Handling”

Provide the Engineer with written notification seven (7) days in advance of major traffic changes. A major traffic change is defined as the temporary (greater than one day) or permanent relocation of traffic lanes typically in an urban setting. The notice will, at a minimum, include the expected date, time and scope of the traffic change. The Department will utilize the information provided to inform the traveling public of the changes. Failure to provide advance

notice, or to provide accurate information, will result in delaying the work until such time that the public has been notified.

Additional signs, barricades and traffic handling may be necessary to complete the work shown herein and will be provided by the contractor as required and will be considered subsidiary to this item.

Provide separate attenuators for each work area within a common lane closure as approved or directed by the Engineer.

Provide to the Engineer a letter certifying that all truck-mounted attenuators (TMA) used on the project have proven to be crashworthy using the criteria outlined in the *National Cooperative Highway Research Program (NCHRP) Report 350*. The supporting vehicle shall have a gross (i.e., ballasted) vehicular weight of 20000 ± 1000 pounds.

In sections where traffic is restricted to one lane, two-way traffic, flaggers stationed at each end of that section will control operations with two-way communication devices.

Relocate existing roadside signs to temporary supports as approved by the engineer.

All safety appurtenances such as signs, delineators, object markers and route markers will be in place prior to opening each phase of the construction to traffic, unless otherwise directed.

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.

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Temporary work zone rumble strips, in accordance with WZ(RS)-16, are required for this project. Install and maintain temporary work zone rumble strips in accordance with WZ(RS)-16 utilizing traffic control in accordance with applicable traffic control standards, or as approved by the Engineer. This work will not be paid for directly, but will be considered subsidiary to the various bid items of the contract.

The Contractor's person responsible for TCP compliance is available by local telephone and has a response time within 45 minutes.

Equip all work vehicles within 30 feet of the traveled way with a functioning amber strobe light or rotating beacon visible from all directions.

Repair barricades within the timeline shown on the barricade inspection report. Failure to comply will cease all work until barricades are repaired to the satisfaction of the Department. Replace all damaged traffic control devices immediately. Remove any damaged traffic control devices from the project within 24 hours.

Item 610, “Roadway Illumination Assemblies”

Ballast for luminaries shall be rated 480 volts.

Mark the base of each existing and proposed illumination assembly permanently with the number designated on the illumination layout. The numerals shall be black and stenciled in 2-inch numerals.

The Contractor is responsible for fixture testing costs; see Materials and Test Division test method TEX-1110.

Contractor should refer to the Texas Department of Transportation’s Highway Illumination Manual, November 2003, Chapter 6, and Section 7 for additional information on lateral placement of illumination foundations as described in note 6 on RID (FND)-11.
<http://onlinemanuals.txdot.gov/txdotmanuals/hwi/index.htm>

Fabricate steel roadway illumination poles in accordance with TxDOT standard RIP-11 (Roadway Illumination Poles -2007). Poles fabricated according to RIP-11 require no shop drawings.

Alternate designs to RIP-11 or the use of aluminum to fabricate poles will require the submission of shop drawings electronically.

For instructions on submitting shop drawings electronically go to TxDOT home page, Business with TxDOT, Bridge information, Shop drawings. File is titled: Guide to Electronic Shop Drawing Submittal

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Item 618, “Conduit”

Conduit elbows will be the long radius variety.

Rigid metal conduit elbows 1” and larger that are required to be installed on conduit system, will not be paid for separately, but will be considered subsidiary to the various bid items.

Item 620, “Electrical Conductors”

A continuous bare or green insulated copper wire No. 8 AWG or larger will be installed in every conduit throughout the electrical system in accordance with Item 620, the electrical detail sheets, and the latest edition of the National Electric Code (NEC).

Grounding Conductors that share the same conduit, junction box, ground box or structure shall be bonded together at every accessible point in accordance with the current National Electrical Code.

Item 628, “Electrical Service”

Provide 30 days prior notification for new service to be energized. Notify at The District Signal Shop @ 325-676-6981.

Item 644, “Small Roadside Sign Supports and Assemblies”

Use the latest edition of the “Standard Highway Sign Designs for Texas” for Sign types for which design details are not shown on the plans.

All triangle slip base small sign mounts installed under this item shall utilize clamp type bases.

Item 666, “Retroreflectorized Pavement Markings”

Provide a complete system of thermoplastic pavement markings at locations indicated on the plans and as directed. The plans are intended to show typical conditions, which can be extended throughout this project as approved or directed.

Establish a true and correct alignment with a method approved by the Engineer. This work will be considered subsidiary.

Item 682, “Vehicle & Pedestrian Signal Heads”

Provide aluminum vehicle signal sections for this project.

Pole and base collar will be required on this project.

Attach conduit to ground box using CGB connector as shown in detail B on TxDOT standard SPRFBA (1)-13.

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TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION NOVEMBER 1, 2014.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

- ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
- ITEM 104 REMOVING CONCRETE
- ITEM 416 DRILLED SHAFT FOUNDATIONS (405) (420) (421) (423) (440) (448)
- ITEM 432 RIPRAP (247) (420) (421) (431) (440)
- ITEM 500 MOBILIZATION
- ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
- ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS
- ITEM 610 ROADWAY ILLUMINATION ASSEMBLIES (416) (421) (432) (441) (442) (445) (449) (614) (616) (618) (620) (622) (624) (628)
- ITEM 618 CONDUIT (400) (476)
- ITEM 620 ELECTRICAL CONDUCTORS (610) (628)
- ITEM 624 GROUND BOXES (420) (421) (432) (440) (618) (620)
- ITEM 628 ELECTRICAL SERVICES (441) (445) (449) (618) (620) (627) (656)
- ITEM 636 SIGNS (643)
- ITEM 644 SMALL ROADSIDE SIGN ASSEMBLIES (421) (440) (441) (442) (445) (636) (643) (656)
- ITEM 666 RETROREFLECTORIZED PAVEMENT MARKINGS (316) (502) (662) (677) (678) (6040)
- ITEM 668 PREFABRICATED PAVEMENT MARKINGS (678)
- ITEM 672 RAISED PAVEMENT MARKERS (677) (678)
- ITEM 682 VEHICLE AND PEDESTRIAN SIGNAL HEADS
- ITEM 685 ROADSIDE FLASHING BEACON ASSEMBLIES (441) (442) (445) (449) (610) (618) (620) (621) (622) (624) (628) (656) (682) (684) (687)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
(FORM FHWA 1273, MAY, 2012)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---001)
SPECIAL PROVISION "NONDISCRIMINATION" (000---002)
SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
(000---003)
SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)
SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS" (000---005)
SPECIAL PROVISION "ON-THE-JOB TRAINING PROGRAM" (000---006)
SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL AID
CONTRACTS" (000---007)
SPECIAL PROVISION "IMPORTANT NOTICE TO CONTRACTORS" (000---010)
SPECIAL PROVISION "CARGO PREFERENCE ACT REQUIREMENTS IN FEDERAL AID
CONTRACTS" (000---241)
SPECIAL PROVISION "CERTIFICATE OF INTERESTED PARTIES (FORM 1295)"
(000---249)
SPECIAL PROVISION TO ITEM 2 (002---004)
SPECIAL PROVISION TO ITEM 6 (006---001)
SPECIAL PROVISIONS TO ITEM 7 (007---001) (007---003) (007---004)
SPECIAL PROVISION TO ITEM 8 (008---003)
SPECIAL PROVISION TO ITEM 421 (421---002)
SPECIAL PROVISION TO ITEM 506 (506---002)

SPECIAL SPECIFICATIONS:

ITEM 6040 MOBILE RETROREFLECTIVITY DATA COLLECTION FOR PAVEMENT
MARKINGS

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.

Special Provision to Item 8 Prosecution and Progress



Item 8, "Prosecution and Progress" of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 8.1., "Prosecution of Work." The first sentence of the first paragraph is voided and replaced by the following:

Begin work 90 calendar days after the authorization date to begin work. Do not begin work before or after this period unless authorized in writing by the Engineer.