

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 6/07/2016

Control	0912-70-103
Project	STP 2015(559)TE
Highway	CS
County	HARRIS

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 2015(559)TE

CONTROL: 0912-70-103

COUNTY: HARRIS

LETTING: 06/08/2016

REFERENCE NO: 0607

PROPOSAL ADDENDUMS

PROPOSAL COVER

BID INSERTS (SH. NO.:

GENERAL NOTES (SH. NO.:

X SPEC LIST (SH. NO.: 2 of 3

SPECIAL PROVISIONS:

ADDED:

DELETED:

X SPECIAL SPECIFICATIONS:

ADDED: 6195

DELETED: 6195

OTHER:

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

SPECIAL SPECIFICATIONS

SS6195 - WAS INADVERTENTLY A COPY OF SS6194. SPEC REVISED TO CORRECT
"LED PEDESTRIAN ILLUMINATION"

CONTROL : 0912-70-103
PROJECT : STP 2015(559)TE
HIGHWAY : CS
COUNTY : HARRIS

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 100 PREPARING RIGHT OF WAY
ITEM 104 REMOVING CONCRETE
ITEM 110 EXCAVATION (132)
ITEM 132 EMBANKMENT (100) (160) (204) (210) (216) (275) (400)
ITEM 161 COMPOST (160)
ITEM 162 SODDING FOR EROSION CONTROL (166) (168)
ITEM 164 SEEDING FOR EROSION CONTROL (162) (166) (168)
ITEM 166 FERTILIZER (520)
ITEM 168 VEGETATIVE WATERING
ITEM 192 LANDSCAPE PLANTING (161) (166) (168)
ITEM 275 CEMENT TREATMENT (ROAD-MIXED) (132) (204) (210) (216) (520)
ITEM 400 EXCAVATION AND BACKFILL FOR STRUCTURES (110) (132) (401)
(402) (403) (416) (420) (421) (423)
ITEM 403 TEMPORARY SPECIAL SHORING (410) (423)
ITEM 409 PRESTRESSED CONCRETE PILING (404) (405) (420) (421) (424)
(425) (440)
ITEM 416 DRILLED SHAFT FOUNDATIONS (405) (420) (421) (423) (440) (448)
ITEM 420 CONCRETE SUBSTRUCTURES (400) (404) (421) (422) (426) (427)
(440) (441) (448)
ITEM 422 CONCRETE SUPERSTRUCTURES (420) (421) (424) (438) (440) (448)
(454) (780)
ITEM 432 RIPRAP (420) (421) (431) (440)
ITEM 434 BRIDGE BEARINGS (420) (441) (442) (445) (446) (449)
ITEM 442 METAL FOR STRUCTURES (441) (445) (446) (447) (448)
ITEM 450 RAILING (420) (421) (422) (424) (440) (441) (442) (445) (446)
(448)
ITEM 454 BRIDGE EXPANSION JOINTS (442)
ITEM 464 REINFORCED CONCRETE PIPE (400) (467)
ITEM 467 SAFETY END TREATMENT (400) (420) (421) (432) (440) (442) (445)

(464)

ITEM 500 MOBILIZATION
 ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
 ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
 CONTROLS (161) (432) (556)
 ITEM 531 SIDEWALKS (104) (360) (420) (421) (440)
 ITEM 618 CONDUIT (400)
 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 644 SMALL ROADSIDE SIGN ASSEMBLIES (421) (440) (441) (442) (445)
 (636) (643) (656)

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 C
 ONTRACTS" (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---002)
 SPECIAL PROVISION TO ITEM 192 (192---001)
 SPECIAL PROVISIONS TO ITEM 421 (421---002) (421---003)
 SPECIAL PROVISION TO ITEM 506 (506---002)

SPECIAL SPECIFICATIONS:

ITEM 1004 TREE PROTECTION
 ITEM 4057 STRUCTURAL CABLE SYSTEM (441) (442) (445)
 ITEM 6194 LED BRIDGE LIGHTING (616) (618) (620)
 ITEM 6195 LED PEDESTRIAN ILLUMINATION (616) (618) (620)

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 Specification 6195

LED Pedestrian Illumination



1. DESCRIPTION

Furnish and install LED pedestrian illumination assemblies.

2. MATERIALS

Provide new materials that comply with the details shown on the plans, the requirements of this item, and the pertinent requirements of the following items:

- Item 416, "Drill Shaft Foundations"
- Item 441, "Steel Structures,"
- Item 442, "Metal for Structures,"
- Item 446, "Cleaning and Painting Steel,"
- Item 449, "Anchor Bolts"
- Item 610, "Roadway Illumination Assemblies"
- Item 616, "Performance Testing of Lighting Systems,"
- Item 618, "Conduit," and
- Item 620, "Electrical Conductors."

Provide six sets of submittals showing the pole and fixtures, to the Engineer for approval at the project address. Obtain the Engineer's approval on the submittals before purchasing materials and beginning work. Furnish two copies of the completed material identification form to the Engineer before beginning fabrication.

Ensure materials are UL-listed; meet NEMA, NEC, and AASHTO requirements; and are in accordance with the Electrical Detail standard sheet.

Provide 14 ft., 11 gauge, 4 in. dia circular straight steel light poles with 3 ft. drilled shafts above ground to equal a 17 ft. luminaire mounting height from the pedestrian walkway, according to plans and specifications. Ensure the pole manufacturer fabricates wall plate connections for attachment of the pole to the structure as shown on the plans. Provide a black polyester powder coat finish for pole, wall plate, and connections. Provide a top cap and stainless steel fasteners for luminaire mounting.

Provide a single/dual pole mount 75 W HPS equivalent LED area type luminaire with an I.E.S. Type II light distribution pattern according to the plans and specifications. Ensure that the luminaire is suitable for use in wet locations and the optical compartment meets an IP66 rating.

Provide a LED luminaire with 4000 K color temperature. Provide a multi-volt driver that operates on any line voltage from 120-277 V (50/60 Hz).

Provide luminaires with mounting hardware and stainless steel bolts and integral arms to facilitate attachment to the 4 in. dia circular straight steel light poles.

Provide a photometric array showing the luminaire provided, mounted at the locations shown on the plans, derating the initial lumen output by 0.80 to illuminate the pedestrian walkway with the minimum average maintained illuminance requirements shown in AASHTO, "An Informational Guide to Roadway Lighting." Obtain the Engineer's written approval of the array before purchasing and installing the fixtures.

Provide luminaires with a black polyester powder coat finish matching the appearance of the circular straight steel light poles. Provide the ability to access the light engine and remove the LED board without the use of tools. Provide a UL- listed fixture suitable for wet locations at a maximum 30°C to 40°C operating temperature.

3. CONSTRUCTION

Perform work in accordance with the details shown on the plans and the requirements of this item.

Use established industry and utility safety practices when installing poles and luminaires located overhead. Consult with the Engineer before beginning work.

Prevent scarring or marring of the luminaires and poles. Replace damaged components. Repair damaged painted areas in accordance with Item 446, "Cleaning and Painting Steel."

Fabricate and install pedestrian illumination standard components in accordance with the details, dimensions, and requirements shown on the plans. Test installed pedestrian illumination standards in accordance with Item 616, "Performance Testing of Lighting Systems."

4. MEASUREMENT

This Item will be measured as each pedestrian illumination assembly installed and successfully tested.

5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Pole Mounted LED Pedestrian Illumination Assembly" of the type specified. This price is full compensation for furnishing, installing, and testing luminaires; poles, arms, LEDs, drivers, anchor bolts, anchor plates, internal conductors and connections; system performance testing; and for furnishing equipment, labor, tools, and incidentals.

Drilled Shafts will be paid for under Item 416, "Drilled Shaft Foundations." New conduit will be paid for under Item 618, "Conduit." New conductors, except the conductors internal to the pole, will be paid for under Item 620, "Electrical Conductors."

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