

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 3/11/2011

Control	6222-03-001
Project	RMC - 622203001
Highway	IH0035
County	COOKE

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: RMC - 622203001

CONTROL: 6222-03-001

COUNTY: COOKE

LETTING: 03/22/2011

REFERENCE NO: 0311

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1 OF 1)

_ GENERAL NOTES (SH. NO.:)

X SPEC LIST (SH. NO.: 1 OF 2 2 OF 2)

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

X SPECIAL SPECIFICATIONS:

ADDED: 7255

DELETED: 7255---2001

X OTHER: BID ITEM WAS CHANGED QUANTITIES REMAIN THE SAME AND GN DID NOT

CHANGE AND ESTIMATE DID NOT CHANGE

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

CHANGE OF BID ITEM FROM 7255-2001 TO 7255-2002 AND CHANGE PLAN SHEET 4
ESTIMATE & QUANTITY AND PLAN SHEET 5 QUANTITY SUMMARY. NO CHANGES TO THE
ESTIMATE AMT. OR THE ESTIMATED QUANTITIES.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	1
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	1.000	2
	6834	2001		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	30.000	3
	7255	2002		TEXTURING CONCRETE PAVEMENT DOLLARS and CENTS	SY	68,405.000	4

CONTROL : 6222-03-001
PROJECT : RMC - 622203001
HIGHWAY : IH0035
COUNTY : COOKE

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 JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING

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

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
(000---011)

SPECIAL PROVISION TO ITEM	1	(001---015)
SPECIAL PROVISION TO ITEM	2	(002---017)
SPECIAL PROVISIONS TO ITEM	3	(003---023)(003---033)
SPECIAL PROVISION TO ITEM	4	(004---017)
SPECIAL PROVISION TO ITEM	5	(005---004)
SPECIAL PROVISION TO ITEM	6	(006---030)
SPECIAL PROVISION TO ITEM	7	(007---806)
SPECIAL PROVISIONS TO ITEM	9	(009---012)(009---015)
SPECIAL PROVISION TO ITEM	500	(500---005)
SPECIAL PROVISION TO ITEM	502	(502---033)

SPECIAL SPECIFICATIONS:

ITEM 6834 PORTABLE CHANGEABLE MESSAGE SIGN
ITEM 7255 PAVEMENT TEXTURING

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

7255

Pavement Texturing

- 1. Description.** This Item shall govern for the texturing of existing asphaltic concrete pavement and/or Portland cement concrete pavement and the texturing of bridge deck surfaces at the locations shown on the plans or as directed by the Engineer and in accordance with the requirements herein.
- 2. Equipment.** The texturing shall be done by a machine designed and built for high production pavement texturing. Each machine shall have a minimum average production rate of 1200 square yards per hour for concrete surfaces and 1800 square yards per hour for asphalt surfaces. The machine shall employ the HVIM (High Velocity Impact Method) by hurling steel abrasive media at high velocity to abrade and texture the surface. The machine shall be capable of varying the velocity of the steel abrasive as well as the speed of the machine to produce the desired surface texture. Utilization of radial blades in multiple centrifugal wheels shall produce a continuous, minimum 6 ft. wide swath. This is synchronous to the recycling of abrasive and vacuuming of surface materials into a self-contained vacuum unit of 6 cubic yards or more, meeting or exceeding all environmental air quality standards. No objectionable dust shall be emitted during the work. The machinery shall direct the velocity of abrasion in a bi-directional fashion, giving uniform abrasion to the surface. When transverse grooves are present, the abrasion will be at an angle transverse to the grooves to give equal texture to the groove edges.

On-board controls capable of providing and monitoring uniform velocity and direction will be required. Self contained lighting for night operations will be required.

A generator driven electromagnet equal in width and production to the texturing machine will be available on the project. It will be used to pick up any steel abrasive left behind the machine if deemed necessary by the Engineer.

Verifiable proof of prior major pavement texturing, in accordance with this specification, or satisfactory test sections performed at the Contractor's expense will be necessary before the equipment will be approved.

- 3. Construction.** Texturing shall be done on the areas indicated on the plans. Texturing shall be performed in a continuous operation of consecutive passes up to 6 ft. in width (if necessary), parallel to the centerline, so that 1-12 ft. lane can be completed in a maximum of 2 passes. The textured surface shall have a uniform surface appearance and be devoid of machine produced streaks, ruts, or over-lap grooves which will inhibit the free flow of water. It shall have a non-directional texture. Following the texturing operation, the electromagnet shall pass over the entire surface if deemed necessary by the Engineer.

The texturing shall not encroach on the existing centerline stripes, lane stripes, traffic arrows, cross bar stripes, traffic buttons, or other traffic markings unless approved by the Engineer. The distance from the edge of traffic markings to the texture shall be a maximum of 3 in. The longitudinal area between dashed lane markings need not be textured.

All surface materials removed during the texturing process shall be collected and stored in the vacuum unit until it can be removed from the project and disposed of by the Contractor. No on-site transfer of, or storage of, the materials will be permitted. No loose material will be left on the roadway or swept off to the side of the roadway.

4. **Testing.** One of the following two testing procedures will be required by the Engineer.
 - (1) **Test Method Tex-436-A Sand Patch.** When texturing first starts, a minimum of 3 sand patch tests shall be taken per lane mile at randomly selected wheelpath locations. Subsequent to the first lane mile, the minimum number of tests per lane mile will be determined by the Engineer. The minimum average macrotexture depth required for each lane mile using this test shall be shown on the plans. Surfaces not meeting this texture depth shall be retextured at the Contractor's expense.
 - (2) **FHWA Type Outflow Meter.** When texturing first starts, a minimum of 5 outflow meter tests shall be take per lane mile at randomly selected wheelpath locations approved by the Engineer. Subsequent to the first lane mile, the minimum number of tests per lane mile will be determined by the Engineer. Testing shall be performed by the Contractor's technician under the supervision of the Engineer. An average of 10 sec. or less shall be obtained for any 1 lane mile section. Sections not meeting this criteria shall be retextured at the Contractor's expense.
5. **Measurement.** Texturing will be measured by the square yard of surface area for each pavement type. Pavement types are asphaltic concrete pavement, portland cement concrete pavement, and bridge decks. Square yard calculations will be based on the neat dimensions shown on the plans or as adjusted by the Engineer.
6. **Payment.** The work performed in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Texturing Asphaltic Concrete Pavement", "Texturing Portland Cement Concrete Pavement", or "Texturing Bridge Decks". This price shall be full compensation for texturing the pavement surface as well as vacuuming, hauling, unloading, and satisfactory storing or disposing of the material, for all labor, equipment, supplies, and incidentals.

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