

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 10/19/2004

Control	6119-16-001
Project	RMC - 611916001
Highway	FM0065
County	ZAVALA

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 by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

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 - 611916001

CONTROL: 6119-16-001

COUNTY: ZAVALA

LETTING: 10/28/2004

REFERENCE NO: 1019

PROPOSAL ADDENDUMS

- PROPOSAL COVER
- BID INSERTS (SH. NO.:)
- GENERAL NOTES (SH. NO.: G & H)

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

DELETED:

- SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

OTHER: GENERAL NOTES AND PLAN SHEETS 4C & 4D HAVE BEEN REVISED TO
INCLUDE NOTE FOR BID ITEMS 506 AND 662.
DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

GENERAL NOTES:

-----Compaction Requirements-----

Item	Material	Density
275	Cement Treat Exist Matl	95% Minimum

-----Basis of Estimate-----

Item	Description	Rate	Area	Quant-Unit
275	Cement-Exist Matl	15 lbs/sy	32,064 sy	240 tons

-----Surface Treatment Data-----

Description 1st Course
Area 32,064 sy
asph—type RC-250
asph—rate(gal/sy) 0.20/1 = 6,415 gals
aggr—gr PE Gr 5
aggr—rate(cy/sy) 1/120 = 270 cy

Description 2nd Course
Area 32,064 sy
asph—type AC-20-5TR
asph—rate(gal/sy) 0.45/1 = 14,429 gals
aggr—gr PE Gr 3
aggr—rate(cy/sy) 1/90 = 360 cy

Description 3rd Course
Area 32,928 sy
asph—type AC-20-5TR
asph—rate(gal/sy) 0.30/1 = 9,880 gals
aggr—gr PE Gr 4
aggr—rate(cy/sy) 1/100 = 335 cy

This contract is for the rehabilitation of a roadway and becomes effective upon the issuance of a Work Order by the Engineer and extends through a period of twenty (20) working days.

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

Plans are required. Refer any questions to:

Texas Department of Transportation
Nelda Martinez, Contract Specialist
1817 Bob Bullock Loop
Laredo, Texas 78043
(956) 712-7475

Arrange a Pre-Work Meeting between representatives of the State and the Contractor prior to beginning work. Outline the proposed work and submit plans for performing the work while providing safe passage of traffic at all times. Access is available to the TxDOT maintenance yard during normal working hours only.

Repair any damages incurred to existing fences, signs, sign posts, curbs, or any other appurtenances caused by equipment or personnel to its original condition or as directed by the Engineer.

Maintain the right of way free of trash, construction debris and surplus materials as shown in the plans and/or as determined/approved by the Engineer.

Perform work expeditiously during daylight hours.

Conform with the "Texas MUTCD" for sign types which details are not shown in the plans.

Wash all sign assemblies within the project with a biodegradable cleaning solution acceptable to the sheeting and screen ink manufacturers to remove all dirt, grease, oil smears, streaks, finger marks and other foreign materials. Do this type of work after all roadway work has been completed. Consider this Item subsidiary to the various bid items and do not pay for it directly.

Remove all existing raised pavement markings as the work progresses as approved by the Engineer. The work will not be paid for separately, but will be subsidiary to the various bid items. Materials removed become the property of the Contractor for proper disposal.

Maintain the roadway surface and work zone striping within the project limit while the traffic control plan is in effect.

Survey the existing vertical and horizontal alignment in order to re-establish the existing roadway geometrics. Provide this information to the area engineer for verification before construction begins.

Limit the work to 2 miles sections.

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

LIMITS:

Limit the work to 2 miles sections.

SUPERVISION:

Report each day, prior to the beginning of work, to the Roadway Maintenance Supervisor (RMS). Discuss times, places, Contractor inspections, etc. prior to each day, or as directed by the Engineer.

For this project, the area engineer in charge is:

Zavala County
Gregory C. Howard, P. E.
2001 N. 1st St.
Carrizo Springs, Texas 78834
(830) 876-1000

-----Soil Stabilization Practices-----

Temporary (Temp):

- | | |
|--|---|
| <input type="checkbox"/> Temp. Seeding | <input checked="" type="checkbox"/> Preserv. of Natural Resources |
| <input type="checkbox"/> Mulching (Hay or Straw) | <input type="checkbox"/> Flex. Channel Liner |
| <input type="checkbox"/> Buffer Zones | <input type="checkbox"/> Other |

Permanent (Perm):

- | | |
|---|--|
| <input type="checkbox"/> Seeding | <input type="checkbox"/> Retention Blanket |
| <input type="checkbox"/> Block Sod | <input type="checkbox"/> Channel Liner |
| <input checked="" type="checkbox"/> Other | |

Structural Practices

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

Temp	Perm	
X		Silt Fence
		Hay Bales
		Rock Berms
		Mulch/Compost Filter Berm (SS No. 1034)
		Pipe Slope Drains
		Channel Liners
		Storm Drains
		Storm Inlet Sediment Trap
		Stone Structures
		Diversion, Interceptor or Perimeter Swales
		Diversion, Interceptor or Perimeter Dikes
		Paved Flumes
X		Rock Bedding at Construction Exit
		Timber Matting at Construction Exit
		Sediment Traps
		Sediment Basins
		Curb and Gutter
		Velocity Control Devices
		Other

The above indicated practices are proposed to control pollutants in storm water discharges. These practices are based on information contained in TxDOT Storm Water Management Guidelines. The schedule of implementation of these practices will be based on intended sequence of major soil disturbing activities. Stabilize disturbed areas on which activity has ceased (temporarily or permanently) within 14 days unless activities are scheduled to resume within 21 days.

ITEM 2 INSTRUCTIONS TO BIDDERS:

The bidder's attention is directed to the first paragraph of Article 2.5 of the Standard Specifications. In view of the complex nature of the work, the need for close coordination with various utilities, traffic control considerations, and other factors influence the prosecution of the work.

ITEM 5 CONTROL OF THE WORK:

Reference all existing striping and pavement markings in a manner which allows markings to be re-established. Follow these guidelines unless otherwise noted in the plans.

ITEM 7 LEGAL RELATIONS AND RESPONSIBILITIES:

Upon satisfactory completion of all work provided for in the contract for any individual project, partial acceptance will be made in writing and will in no way void or alter any terms of the contract. Submit the necessary permits to the Engineer in order to commence the work. It

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

includes sites inside and outside the right of way, as well as any sites added after construction has started.

ITEM 275 CEMENT TREATMENT (ROAD-MIXED):

Load the cement stabilized layer with a minimum of five (5) vibratory Roller passes after a time span between 48 & 72 hours after stabilization. This work will not be paid for separately but will be considered subsidiary to this bid item.

Use a pulverizing machine to cut and process the material to the plan depth. Design the machine to visibly indicate at all times that the machine is cutting to the proper depth.

Allow scarifying of the existing roadway ahead of the mixer in an effort to maximize production rate and mixing.

ITEM 302 AGGREGATES FOR SURFACE TREATMENTS:

Use a minimum Class of **B** for the coarse aggregates of the surfaces of the travel lanes, as published in the aggregate quality monitoring program rated source quality catalogue.

Previously tested aggregates delivered to the project, which are found to contain excessive quantities of dust (more than 0.5 percent passing the no. 40 sieve) during precoating, stockpiling or hauling operations, can be rejected by the Engineer. Use test method TEX-200-F, Part I for testing.

Use aggregate Type PE as the precoated aggregate consisting of crushed slag, crushed stone or natural limestone rock asphalt.

ITEM 316 SURFACE TREATMENTS:

Asphalt and aggregate rates are for estimation purposes only and may be adjusted by the Engineer depending on the material used. Keep aggregate rate to a minimum as directed by the Engineer. Allow a minimum 24 hour curing period in the event emulsions are used before placing any subsequent asphalt courses.

Take precautionary measures to avoid drifting of asphalt on to traffic and adjacent properties when using latex asphalt.

Set a string line for all surface treatment operations unless otherwise approved by the Engineer.

The Engineer will approve the location of aggregate stockpiles. Place the aggregate at a location where it will be free of excess surface moisture, as determined by the Engineer, before application.

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

Flux oil or emulsions may be used for precoating LRA and LRA-trap rock blends. Dry the precoated aggregate to the satisfaction of the Engineer when emulsions are used as the precoat material. It will be the responsibility of the Contractor/Producer to provide adequate drying and a minimum 30 day curing period before delivery of the aggregates. The Engineer reserves the right to reject any precoated aggregate which is improperly coated or otherwise unsatisfactory for use.

If the aggregates to be precoated are found to have stripping characteristics, the Engineer may require the addition of an anti-stripping agent. Meet the requirements of Item 264 and add it to the aggregate at the rate of 1% hydrated lime by mass of aggregate when choosing to use lime as an anti-stripping agent. Add the lime to the aggregate in slurry form at the cold feed. Consider the cost of the lime to be subsidiary to this item. Add lime slurry at the stockpile but not more than 24 hours in advance of use when approved by the Engineer.

Ensure that the asphalt used for precoating the aggregate at the plant and the asphalt used for the surface treatment at the project site will not result in a reaction that may adversely affect the bonding of the aggregate and asphalt during the surface treatment operation.

Addition of baghouse fines will not be permitted in the production of precoated material.

Precoated aggregate that do not maintain flow qualities and can not be satisfactorily spread by approved mechanical spreading devices are not acceptable.

Stockpiles of aggregate precoated with AC may generate excessive heat build-up resulting in damage to the asphalt and/or aggregates if adequate cooling has not been initially provided. Stockpiles showing evidence of excessive heat build-up can be rejected by the Engineer.

Execute all rolling in accordance with Item 210 (medium, Pneumatic tire) at the approximate rate of 1 hr/3000 SY or as directed by the Engineer. The light pneumatic roller will be acceptable at the approximate rate of 1 hr/2000 SY. Tire pressure and ballast of all pneumatic rollers will be of continuing interest by the Engineer, and will be in accordance with Item 210.

ITEM 500 MOBILIZATION:

"Materials on Hand" payments will not be considered in determining percentages used to compute payment for this Item.

ITEM 502 BARRICADES, SIGNS AND TRAFFIC HANDLING:

Use opposing lane dividers and vertical panels to channelize traffic when existing pavement marking have been obliterated.

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

State Standard Sheet(s) "Traffic Control Plan (TCP)" requires that certain signs are to remain in place until the standard pavement markings are placed. Place the standard markings no later than 14 days after surface treatment operations are completed.

Refer to the traffic control plan for this project as shown in the plans, as detailed on the "Barricade and Construction Standard" sheets and as provided for in the current "Texas MUTCD".

Shadow vehicles with Truck Mounted Attenuators will be required on moving operations only.

Provide truck-mounted attenuators (TMA) in accordance with the State Standard Sheet(s) for "Traffic Control Plan", "Barricades and Construction", and "Texas MUTCD" when a shadow vehicle is used.

Provide a letter certifying that all TMA's used on this project that were purchased on or after October 1, 1998 have been found to be crashworthy using the criteria outlined in the national cooperative highway research program (NCHRP) report 350 to the Engineer. If the TMA was purchased prior to October 1, 1998, provide a letter certifying crashworthiness using the criteria outlined in either NCHRP reports 230 or 350 to the Engineer.

Place eight inches of both red and white stripes in an inverted "V" design on the back of all TMA's. Conform sheeting with Departmental Material Specification D-9-8300, Type C.

Assure that previously used TMA's meet the NCHRP 230 requirements and all new Truck Mounted Attenuators meet NCHRP 350 requirements.

The time frame for the Contractor to provide properly maintained traffic control devices before they are considered to be in non-compliance with this Item, is 48 hours regardless of the days of the week involved after notification is done in writing by the Engineer. If the Contractor doesn't take the necessary steps approved by the Engineer to eliminate the non-compliance conditions within the 48 hours established above, payment for this Item for the month(s) in non-compliance can be withheld as covered in Section 502.4(B).

Furnish all traffic control and comply with the current Texas MUTCD, Traffic Control Plan (TCP) and Barricades and Construction Standards (BC), Pavement Marker Standards (PM), and Work Zone Standard (WZ). Conduct construction methods so as to provide the least possible interference to traffic and to permit the continuous movement of traffic in all allowable directions at all times. Clean up and remove from the work area all loose material resulting from contract operations at the end of each work day.

ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS:

Use temporary sediment control fences as the SW3P for this project as directed by the Engineer.

Project Number: RMC - 611916001

County: Zavala

Control: 6119-16-001

Highway: FM 65

ITEM 510 ONE-WAY TRAFFIC CONTROL:

For undivided roadway locations as directed by the Engineer, a pilot car and radio equipped flagman is required.

ITEM 662 WORK ZONE PAVEMENT MARKINGS:

Use temporary flexible-reflective roadway marker tabs (Tabs). Place tabs according to the Standard Plan Sheet WZ(STPM)-03 or as directed by the Engineer. Mark no passing zones with two (2) parallel tabs. Place all tabs to form straight lines and to line up with existing markings and remove after final striping has been completed.

ITEM 666 REFLECTORIZED PAVEMENT MARKINGS:

Apply all markings in accordance with the plans, Texas MUTCD and as directed/approved by the Engineer after the surface has cured for two (2) days, been cleaned and prepared according to the specifications and as directed/approved by the Engineer. Apply thermoplastic markings directly over existing painted pavement markings only where applicable.

Apply 0.120 inches (120 mils) of minimum thickness of Type I markings, as measured on a flat plate by micrometer or similar device for all stop bars, crosswalks, legends and symbols. Apply 0.09 inches (90 mils) of thickness for all other lines (lane, edge, no passing, etc.). These thicknesses are required for the full width and length of the line being placed.

Place the Type II markings a minimum of 14 calendar days in advance of the Type I markings if Type II markings are used as the sealer for the Type I markings.

ITEM 672 RAISED PAVEMENT MARKERS:

Replace any adhesive if it is burned due to overheating. Pack the adhesive in cardboard containers weighing less than 100 pounds.

Mount adhesive dispensing equipment into truck or trailer. Place all adhesive material directly for the heated dispenser to the pavement. Portable or non-heated containers will be allowed for the placement of the adhesive material.

Extend the adhesive not less than 1/2" but not more than 1-1/2" beyond the perimeter of the marker.