

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 8/06/2014

Control	6273-68-001
Project	RMC - 627368001
Highway	SH0208
County	TOM GREEN

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 - 627368001

CONTROL: 6273-68-001

COUNTY: TOM GREEN

LETTING: 08/13/2014

REFERENCE NO: 0805

PROPOSAL ADDENDUMS

- PROPOSAL COVER
- BID INSERTS (SH. NO.:
- GENERAL NOTES (SH. NO.: SHEETS A B

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

DELETED:

- SPECIAL SPECIFICATIONS:
- ADDED:

DELETED:

- OTHER:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

SHEET A: CORRECTED DATE 2014 TO 2015. SHEET B: INSERT SENTENCE, CONTRACTOR WILL SUBMIT PROPOSED LIST OF REPAIR MATERIALS TO THE PROJECT INSPECTOR FOR HIS REVIEW AND APPORVAL.

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GENERAL NOTES:

The following standard sheets have been modified: None

Work of this contract consists of metal beam guardrail repairs in Tom Green, Runnels, Coke, Sterling, Irion, Reagan and Glasscock counties, Texas.

Donald A. Peterson, P.E. is in charge of this work. Direct any questions concerning this work to him at (325) 653-5811. Questions concerning the letting process should be directed to the District Maintenance Office at (325) 947-9216 in San Angelo.

Dispose of all waste materials generated on the project site at locations outside of the right of way at a State approved solid waste site.

Item 6, "Control of Materials"

Make all arrangements for material and equipment storage areas. No equipment will be stored at any Maintenance Section, Area Office or District Office. Storage of materials or equipment on Highway Right of Way will be limited to areas outside the applicable clear zone.

Item 7, "Legal Relations and Responsibilities to the Public"

Conduct operations so that all equipment will be removed from the roadway at sundown and work will not begin before sunrise, unless otherwise directed by the Engineer. Daily storage of equipment along the roadway will be in an area approved by the Engineer so that any harm to the natural vegetation can be held to a minimum. Restore damaged vegetation to like, or better condition at no cost to the State.

Item 8, "Prosecution and Progress"

This contract includes work in Tom Green, Coke, Glasscock, Runnels, Irion, Reagan and Sterling counties in the San Angelo District. Guardrail repairs will be performed on any U.S., State, Loop, Spur, Farm to Market or Ranch to Market highways in the previously stated counties.

Time charges for this contract will begin on September 1st, 2014 and continue until August 31st, 2015 or until advised otherwise by the Engineer.

Work for guardrail repairs will be intermittent and depends upon damage caused by others.

A written work order will be sent to start all work and identify day one of the time charges. Thereafter written notification will be sent to identify specific work sites for execution of guardrail repairs.

Written notification will only provide for the site location and will not address the material required to perform the repair work. The contractor will be responsible for addressing the list of materials needed to perform the repair work. Contractor will submit proposed list of repair materials to the project inspector for his review and approval. Pictures of the repair sites will be provided by TxDOT.

Commence guardrail repairs on day one of the time charges. Proceed to the second and subsequent sites according to the sequence established by the Engineer at the preconstruction conference until all initial guardrail repair work is complete.

A minimum of 100 feet of metal beam guardrail will be scheduled for repair before the Contractor is notified to continue work on guardrail repairs. The 100 feet of guardrail could be located in one or several locations in one or all the previously stated five counties. Contractor will receive written notification by the Engineer prior to each mobilization (move-in). Written notification may be sent to the Contractor via facsimile or e-mail. Contractor will begin guardrail repairs within seven calendar days of the notification. Contractor will be required to complete all work locations per move-in prior to moving out of the previously stated five counties.

Ensure sufficient workers, equipment and materials are available at all work sites to continuously and diligently prosecute the work to conclusion. Insufficient resources resulting in poor performance may be grounds for default. Contractor shall repair metal beam guard fence at a minimum rate of 100 LF per day and upgrades will be completed at a minimum rate of 50 LF per day. Liquidated damages will be assessed for work performed beyond the stated rate.

Work operations of any kind will be underway at only two stand alone sites, unless otherwise directed by the Engineer. Complete all work including cleanup at one site before commencing work at a new site.

Repair damage to the pavement surface or appurtenances that occurs during the repair or installation of the guard fence.

Idle time, including time between notifications, will not be paid for directly but will be considered subsidiary to the various bid items in this contract. Idle time includes but is not limited to labor, materials, equipment, office overhead, bonds and insurance.

Contractor must maintain a person to answer the telephone between the hours of 8:00 a.m. and 5:00 p.m. If this is not possible, the Contractor will have an answering system

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that he/she checks for messages daily. It is the Contractor's responsibility to keep the Engineer notified, in writing of the correct telephone number.

Calendar days shown on the face of the proposal are an estimate only of the life expectancy of this contract. They are not to be used in any other manner or to determine duration of work time for a particular project. The contract will expire at the end of the calendar days unless otherwise extended in writing by the Engineer.

Item 432, "Riprap"

Concrete riprap will be reinforced with wire reinforcement.

Excavation and embankment needed to place riprap will not be paid for directly but will be considered as included in payment for this item.

Place 1/2-inch thick asphalt-impregnated fiberboard between concrete riprap and adjacent existing concrete, and where directed by the Engineer. This will not be paid for directly but will be considered as included in payment for this item.

Mow strips will be Class B concrete. Thickness of mow strips will be four inches usual and eight inches maximum. Thickness for measurement and payment will be four inches.

Backfill mow strips to provide a smooth transition to the existing ground. Rake backfilled areas to a neat appearance free of any large rocks or debris. This work will not be paid for directly but will be considered subsidiary to this item.

Item 500, "Mobilization"

Mobilization for the repairs will not be paid for directly but will be considered subsidiary to the various bid items.

Item 502, "Barricades, Signs and Traffic Handling"

Traffic control will be provided as shown on the TCP sheets, and the Department standard plan sheets as approved by the Engineer. No traffic control devices will be provided or sold.

Traffic control for the repairs will not be paid for directly but will be considered subsidiary to the various bid items.

Perform work during daylight hours. At the end of each workday, all roadway surfaces will be left in a safe, clean condition.

Flaggers will be required when directed by the Engineer.

Shadow vehicles equipped with truck mounted attenuators are required as shown on Traffic Control Plan (TCP) standards.

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

NCHRP 350 Test Level 3 Compliant

- U-MÄD Cushion 100K Impact TMA (Centerline Supply, Inc. or Dimensional Products, Inc.).
- Alpha 100K (Energy Absorption Systems, Inc.)
- SAFE-STOP™ (Energy Absorption Systems, Inc.)
- SAFE-STOP™ 180 TMA (Energy Absorption Systems, Inc.).
- RAM 100K (Renco, Inc.)
- MPS 350 III TMA (Trinity Industries, Inc.)
- Scorpion C 10000 (TraFFix Devices, Inc.)

NCHRP 350 Test Level 2 Compliant

- Alpha 70 K (Energy Absorption Systems, Inc.)
- Ren-Gard 815 (Renco, Inc.)
- Scorpion A 10000 (TraFFix Devices, Inc.)

Metal beam guard fence repairs will be done under existing traffic conditions with a minimum of interference to the operation of the facility.

Minor or emergency changes to the traffic control plan may be made at the direction of the Engineer when conditions warrant. Any additional signs and/or barricades deemed necessary by the Engineer will be the sole responsibility of the Contractor.

Provide, install, move, replace, maintain, clean and remove these additional signs and/or barricades as directed by the Engineer.

Work will not be permitted on both sides of the roadway simultaneously at any job site.

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Signs, markings and signals conform to details shown in the plans, the Compliant Work Zone Traffic Control Device List (CWZTCDL), the Department's Standard Sheets, "Standard Highway Sign Designs for Texas" and "Sign Crew Field Book." These publications are available from the Department's Traffic Operations Division, 1st Floor, 118 E. Riverside Drive, Austin, Texas, telephone number (512) 416-3134.

Item 540, "Metal Beam Guard Fence"

Supply all new material for this contract. Existing materials will not be used. Payment for all bolts, nuts, adhesive anchors, reinforcements and any other hardware needed to perform this work will not be paid directly, but will be considered subsidiary to this item.

Class "C" reflector units will conform to Departmental Material Specifications "D-9-8600, Delineators and Object Markers". Furnish and install Type C reflectors (butterfly type retro-reflective devices) in the depressed center section of the guardrail/bridge rail. This work will conform to "Sign Crew Field Book". These will not be paid for directly but will be considered as included in payment for this item.

Class "C" reflectors may be installed using construction adhesive or butyl rubber adhesive.

Class "C" reflectors will conform to the color and reflectivity requirements of Specification D-9-8600.

Set posts plumb and firm to the line and grade shown on the plans. No deviations from plumb will be allowed. Any post(s) not in compliance with this requirement will be removed and replaced at the Contractor's expense.

Provide Terminal Connector to connect transition assembly to bridge rail. This connector will be considered subsidiary to Item 540.

Item 542, "Removing Metal Beam Guard Fence"

Materials removed will become the property of the Contractor, unless otherwise directed by the Engineer.

Item 544, "Guardrail End Treatments"

The quantities shown for the upgrades under this item are subject to change. Additional upgrades at unspecified locations in Tom Green, Runnels, Coke, Sterling or Glasscock counties may be added as needed during this contract as directed by the Engineer.

Furnish and install object markers Type OB-3F on the front of the impact heads of Single Guardrail Terminals as shown on Standard Sheet D&OM(VIA). These will not be paid for separately but will be considered as included in payment for this item.

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Posts for single guardrail terminals will be hinged breakaway steel posts. The hinged end will have an angle cut-off or rounded end at the back edge in order to reuse the foundation or ground mount.

Class "C" reflector units will conform to Departmental Material Specifications "D-9-8600, Delineators and Object Markers". Furnish and install Type C reflectors (butterfly type retro-reflective devices) in the depressed center section of the guardrail/bridge rail. This work will conform to "Sign Crew Field Book". These will not be paid for directly but will be considered as included in payment for this item.

Class "C" reflectors may be installed using construction adhesive or butyl rubber adhesive.

Class "C" reflectors will conform to the color and reflectivity requirements of Specification D-9-8600.

Item 770, "Guard Fence Repair"

The quantities for the repairs under this item are at unspecified locations. The item 770 quantities will be installed as needed during this contract as directed by the Engineer.

When a guardrail installation is severely damaged, a review will be performed by the Engineer to determine the feasibility of proceeding with repairs or upgrading the installation to current design standards.

Supply all new materials for this contract. Existing materials will not be used. Payment for all bolts, nuts, adhesive anchors, reinforcements and any other hardware needed to perform this work will not be paid directly, but will be considered subsidiary to this item.

Repair of steel post with base plate will also include repair of steel posts on bridge curb and repair of steel posts with plate on bridge deck and/or headwall. Use low fill culvert posts when there is less than 44" cover over culvert slab or as directed by the Engineer.

Removal of all damaged existing metal beam guard fence for repairs will be considered subsidiary to this item. This includes anchor posts, posts, terminal anchor section, guardrail extruder terminal system, metal beam guard fence transitions and any other material necessary to perform the work on this contract.

Materials removed will become property of the Contractor, unless otherwise directed by the Engineer.

Composite or metal blockouts and any other incidentals necessary to repair metal beam guard fence will not be paid directly but will be considered subsidiary to this item. The type of blockout material used will be of the same material that exists at that location. Mixing of steel, wooden and composite material blockouts will not be allowed.

Drilling new postholes and back filling old post holes to repair metal beam guard fence will not be paid directly but will be considered subsidiary to this item.

Damaged concrete foundation posts will be removed and disposed by the Contractor. This will not be paid directly but will be considered subsidiary to this item.

Concrete, reinforcing steel, forms and any necessary work required to repair damaged concrete posts to support bridge & culvert railing will be considered subsidiary to this item.

Dispose of all excavation material off the right-of-way. This will not be paid directly but will be considered subsidiary to this item.

Removal or work required to remove and reattach adjacent sections of rail including terminal anchor sections and S.G.T's to the damaged rail will be considered subsidiary to this item.

Furnish and install object markers Type OB-3F on the front of the impact heads of Single Guardrail Terminals as shown on Standard Sheet D&OM (VIA). These will not be paid for separately but will be considered as included in payment for this item.

Posts for Single Guardrail Terminals will be hinged breakaway steel (HBA) posts. The hinged end will have an angle cut-off or rounded end at the back edge in order to reuse the foundation or ground mount.

Item 772, "Post and Cable Fence"

Furnish steel posts meeting the requirements of ASTM A36. Drill or punch posts for cable as shown in the plans. Galvanize in accordance with Item 445, Galvanizing.

Refer to plan sheet no. 9, "Steel Post and Cable Fence", for additional requirements and information regarding the use of steel posts.

Object markers and all necessary hardware for these installations will be considered subsidiary to this item.

Item 774, "Attenuator Repair"

Repair or replace damaged attenuators or crash cushions as approved.

Attenuators and crash cushions shall be considered as complete units for the purposes of repairs made under this item. All repairs to damaged crash cushions or attenuators shall be paid for by the bay or by the linear foot or as noted in the plans.

Repair damaged components as necessary to ensure the final installation functions as designed and meets all specifications of that appropriate system. Repair of damaged

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component parts such as rip plates, nose cones, foundations, anchors, struts, rails, diaphragms, cartridges, fenders, object markers and any other component type item will not be paid for directly, but shall be considered as subsidiary to this item.

Upon completion of repairs, the area around attenuator will be cleaned and swept. Dispose of debris and damaged components in accordance with all federal, state and local regulations.

All welding shall be performed in accordance with Item 448, "Structural Field Welding," as directed or approved.