

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 8/25/2015

Control	6283-77-001
Project	RMC - 628377001
Highway	SH0288
County	BRAZORIA

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 - 628377001

CONTROL: 6283-77-001

COUNTY: BRAZORIA

LETTING: 09/02/2015

REFERENCE NO: 0825

PROPOSAL ADDENDUMS

X PROPOSAL COVER

X BID INSERTS (SH. NO.: SHEETS 1-3 & 2-3)

X GENERAL NOTES (SH. NO.: SHEETS A - G)

_ SPEC LIST (SH. NO.:

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

_ OTHER:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

REVISED WORKING DAYS FROM 83 TO 110.

REVISIONS TO GENERAL NOTES.

REVISED QUANTITIES TO BID ITEMS: 432-6045, 502-6001, 540-6001, 540-6006,
540-6019 & 542-6001.

ADDED BID ITEM: 540-6018.

REVISED PLAN SHEETS: 1, 2, 2A, 2B, 2C, 4 THRU 12.

Control	6283-77-001
Project	RMC - 628377001
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PROPOSAL TO THE TEXAS TRANSPORTATION COMMISSION

2014 SPECIFICATIONS

WORK CONSISTING OF METAL BEAM GUARD FENCE UPGRADE BRAZORIA COUNTY, TEXAS

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 110 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:

TWENTY-FIVE THOUSAND (Dollars) (\$25,000)

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	6054		REMOVING CONCRETE(MOW STRIP) DOLLARS and CENTS	LF	7,546.000	1
	105	6074		REMOVING STAB BASE AND ASPH PAV (4") DOLLARS and CENTS	SY	3,730.480	2
	432	6045		RIPRAP (MOW STRIP)(4 IN) DOLLARS and CENTS	CY	791.820	3
	500	6001		MOBILIZATION DOLLARS and CENTS	LS	1.000	4
	502	6001		BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	8.000	5
	512	6053		PORT CTB (REMOVE)(F-SHAPE)(TY 1) DOLLARS and CENTS	LF	30.000	6
	540	6001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	11,912.500	7
	540	6005		TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	10.000	8
	540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM) DOLLARS and CENTS	EA	24.000	9
	540	6010		MTL W-BEAM GD FEN ADJUSTMENT DOLLARS and CENTS	LF	95.000	10
	540	6012		TERMINAL ANCHOR SECTION ADJUST- MENT DOLLARS and CENTS	EA	1.000	11

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	6014		SHORT RADIUS DOLLARS and CENTS	LF	443.000	12
	540	6015		DRIVEWAY TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	6.000	13
	540	6016		DOWNSTREAM ANCHOR TERMINAL SEC- TION DOLLARS and CENTS	EA	41.000	14
	540	6017		MTL BM GD FEN (LONG SPAN SYSTEM) DOLLARS and CENTS	LF	150.000	15
	540	6018		MTL BM GD FEN TRANS (NON - SYM) DOLLARS and CENTS	EA	8.000	16
	540	6019		MTL W-BEAM GD FEN (SPECIAL) DOLLARS and CENTS	LF	1,212.500	17
	540	6020		MTL W - BEAM GD FEN (LOW FILL CUL- VERT) DOLLARS and CENTS	LF	250.000	18
	542	6001		REMOVE METAL BEAM GUARD FENCE DOLLARS and CENTS	LF	23,575.000	19
	542	6002		REMOVE TERMINAL ANCHOR SECTION DOLLARS and CENTS	EA	96.000	20
	542	6004		RM MTL BM GD FENCE TRANS (THRIE- BEAM) DOLLARS and CENTS	EA	4.000	21
	544	6001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	61.000	22

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	544	6002		GUARDRAIL END TREATMENT (MOVE & RESET) DOLLARS and CENTS	EA	1.000	23
	544	6003		GUARDRAIL END TREATMENT (REMOVE) DOLLARS and CENTS	EA	36.000	24
	658	6018		INSTL DEL ASSM (D-SY)SZ 1(FLX)GND DOLLARS and CENTS	EA	31.000	25
	658	6048		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	61.000	26
	658	6049		INSTL OM ASSM (OM-2Z)(FLX)GND(BI) DOLLARS and CENTS	EA	17.000	27
	658	6061		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2 DOLLARS and CENTS	EA	249.000	28
	658	6062		INSTL DEL ASSM (D-SW)SZ 1(BRF)GF2(BI) DOLLARS and CENTS	EA	73.000	29
	658	6064		INSTL DEL ASSM (D-SY)SZ 1(BRF)GF2 DOLLARS and CENTS	EA	69.000	30

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Sheet

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Control: 6283-77-001

Highway: SH 288, etc.

GENERAL NOTES:

Supervision:

Plans are required. Refer questions to:

Mark D. Wooldridge, P.E.
Brazoria Area Engineer
1033 E. Orange
Angleton, TX 77515
(979) 864-8500

This project will be managed by and requests for payment addressed to:

James M. McGuire
Brazoria Maintenance Supervisor
1033 E. Orange
Angleton, TX 77515
(979) 864-8550

The following standard detail sheets are modified:

Modified Standards

EC(1)-09 MOD

This is a site specific Routine Maintenance project.

References to manufacturer's trade name or catalog numbers are for the purpose of identification only. Similar materials from other manufacturers are permitted if they are of equal quality, comply with the specifications for this project, and are approved, except for roadway illumination, electrical, and traffic signal items.

Procure permits and licenses, which are to be issued by the City, County, or Municipal Utility District.

General: Site Management

Do not mix or store materials, or store or repair equipment, on top of concrete pavement or bridge decks unless authorized by the Engineer. Permission will be granted to store materials on surfaces if no damage or discoloration will result.

Personal vehicles of employees are not permitted to park within the right of way, including sections closed to public traffic. Employees may park on the right of way at the Contractor's office, equipment, and materials storage yard sites.

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Assume ownership of debris and dispose of at an approved location. Do not dispose of debris on private property unless approved in writing by the District Engineer.

Control the dust caused by construction operations. For sweeping the base material in preparation for laying asphalt and for sweeping the finished concrete pavement, use one of the following types of sweepers or approved equal:

Tricycle Type

Wayne Series 900
Elgin White Wing
Elgin Pelican

Truck Type - 4 Wheel

M-B Cruiser II
Wayne Model 945
Mobile TE-3
Mobile TE-4
Murphy 4042

General: Traffic Control and Construction

When design details are not shown on the plans, provide signs and arrows conforming to the latest "Standard Highway Sign Designs for Texas" manual.

No exposed bridge rail ends or guard fence ends will be allowed after normal working hours. Complete all work at each location during the normal working day.

General: Utilities

Consider the locations of underground utilities depicted in the plans as approximate and employ responsible care to avoid damaging utility facilities. Depending upon scope and magnitude of planned construction activities, advanced field confirmation by the utility owner or operator may be prudent. Where possible, protect and preserve permanent signs, markers, and designations of underground facilities.

If the Contractor damages or causes damage (breaks, leaks, nicks, dents, gouges, etc.) to the utility, contact the utility facility owner or operator immediately.

Be aware that an operational Computerized Transportation Management System (CTMS) exists within the limits of this project and that the system must remain operational throughout construction. If the Contractor damages or cause damage to this system, repair such damage within 8 hours of occurrence at no cost to the Department. In the event of system damage, notify the Director of Traffic Management Systems at 713-881-3063 within one hour of occurrence. Failure of the Contractor to repair damage to the main fiber optic cable and CCTV cable trunk lines, which convey all corridor information to TranStar, will result in the Contractor being billed for the full cost of emergency repairs.

At least 48 hours before starting work, make arrangements for locating existing Department-owned above ground and underground fiber optic, communications, power, illumination, and

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traffic signal cabling and conduit. Do this by calling the Department’s Houston District Traffic Signal Operations Office at 713-802-5662 to schedule marking of underground lines on the ground. Use caution if working in these areas to avoid damaging or interfering with existing facilities.

If overhead or underground power lines need to be de-energized, contact the electrical service provider to perform this work. Costs associated with de-energizing the power lines or other protective measures required are at no expense to the Department.

If working near power lines, comply with the appropriate sections of Texas State Law and Federal Regulations relating to the type of work involved.

Perform electrical work in conformance with the National Electrical Code (NEC) and Department standard sheets.

Item 7: Legal Relations and Responsibilities

This project does not require a U.S. Army Corps of Engineers (USACE) Section 404 Permit before letting, but if a permit is needed during construction, assume responsibility for preparing the permit application. Submit the permit application to the Department’s District Environmental Section for approval. Once the permit application is approved, the Department will submit it to the USACE. Assume responsibility for the requested revisions, in coordination with the Department’s District Environmental Section.

Item 8: Prosecution and Progress.

Working days will be computed and charged based on a Standard Workweek in accordance with Section 8.3.1.4.

The Lane Closure Assessment Fee for roadways within the project limit is stated below. This fee applies to the Contractor for closures or obstructions that overlap into restricted hour traffic for each hour or portion thereof, per lane, regardless of the length of lane closure or obstruction. For Restricted Hours subject to Lane Assessment Fee refer to the Item, “Barricades, Signs, and Traffic Handling.

ROADWAY	CURRENT A.D.T.	LANE ASSESSMENT FEE PER LANE / PER HOUR
BS 288B	17,600	\$400.00
FM 521	10,900	\$300.00
FM 2004	7700	\$200.00
SH 6	24,000	\$500.00
SH 288 From S. of SH 6 to SH 332	27,960	\$500.00
SH 332 (4 lane)	9500	\$200.00
SH 332 (2 lane)	10,900	\$300.00

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Items 104: Removing Concrete

Remove existing concrete Riprap mow strip from locations shown on the plans. Avoid damaging concrete that will remain in place. Replace any concrete damaged by the Contractor at no expense to the Department. Unless otherwise shown on the plans, accept ownership and properly dispose of broken concrete in accordance with federal, state, and local regulations.

Items 105: Removing Stabilized Base and Asphalt

Remove existing asphalt mow strips from locations shown on the plans. Avoid contamination of the asphalt materials and damage to adjacent areas. Repair materials damaged by operations outside the designated locations. Assume ownership and dispose of materials in accordance with federal, state, and local regulations.

Item 432: Riprap

Place concrete riprap mow strips at all Metal Beam Guard Fence locations, and in accordance with Item 432, "Riprap". Use Class B Concrete, reinforced with No. 3 bars spaced at 18 in. centers each direction and 2 in. below the surface.

Place the mow strip the entire length of the guard fence plus any Downstream Anchor Terminal (DAT), Driveway Terminal Anchor Section, or Single Guardrail Terminal (SGT) to 2 ft. beyond the face of the object marker at the end of the SGT. Do not allow concrete to adhere to the ground line strut shown on the SGT standard sheet.

Item 502: Barricades, Signs, and Traffic Handling

Project Limit Barricades will not be required for this project.

Use a traffic control plan for handling traffic through the various phases of construction. Follow the phasing sequence unless otherwise agreed upon by the Area Engineer and the Project Manager. Ensure this plan conforms to the latest "Texas Manual on Uniform Traffic Control Devices" and the latest Barricade and Construction (BC) Standard Sheets.

Furnish and maintain the barricades and warning signs, including the necessary temporary and portable traffic control devices, during the various phases of construction. Place and construct these barricades and warning signs in accordance with the latest "Texas Manual on Uniform Traffic Control Devices" for typical construction layouts.

Cover work zone signs when work related to the signs is not in progress, or when any hazard related to the signs no longer exists.

Keep the delineation devices, signs, and pavement markings clean. This work is subsidiary to the Item, "Barricades, Signs, and Traffic Handling."

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Cover or remove the permanent signs and construction signs that are incorrect or that do not apply to the current situation for a particular phase.

Do not mount signs on drums or barricades, except those listed in the latest Barricades and Construction standard sheets.

Use traffic cones for daytime work only. Replace the cones with plastic drums during nighttime hours.

Temporary Rumble Strips are required when using a one-lane, two-way application or for lane closures on conventional roadways. This work is subsidiary to the Item, "Barricades, Signs, and Traffic Handling."

Use shadow vehicles with Truck Mounted Attenuators (TMA) for lane and shoulder closures.

Do not reduce the existing number of lanes open to traffic except as shown on the following time schedule:

**ONE LANE CLOSURE
BS 288B, FM 521, FM 2004, SH 6, SH 332 &
SH 288 from S. of SH 6 to SH 332**

Day	Daytime Closure Hours	Nighttime Closure Hours	Restricted Hours Subject to Lane Assessment Fee
Monday through Friday	9:00 am – 3:00 pm	7:00 pm – 5:00 am	5:00 am – 9:00 am 3:00 pm to 7:00 pm
Saturday	As approved by Engineer	As approved by Engineer	5:00 am – 9:00 am 3:00 pm to 7:00 pm
Sunday	Emergency Only	Emergency Only	5:00 am – 9:00 am 3:00 pm to 7:00 pm

The above times are approved for the traffic control conditions listed. The Area Engineer may approve other closure times if traffic counts warrant. The Area Engineer may reduce the above times for special events.

Law enforcement assistance may be required for this project. Coordinate with local law enforcement and arrange for law enforcement as directed or agreed by the Engineer. Before payment will be made, complete the "Daily Report on Law Enforcement Force Account Work" (Form 318), provided by the Department and submit daily invoices that agree with this form for any day during the month in which approved services were provided.

If needed and agreed to, provide full-time, off-duty, uniformed, certified peace officers, as part of traffic control operations. The peace officers must be able to show proof of certification by

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the Texas Commission on Law Enforcement Officers Standards. The cost of the officers is paid for on a force account basis.

Operations may be curtailed or halted out of consideration of traffic expected to and from public gatherings that may result in undue traffic congestion and delays to the traveling public.

Item 506: Temporary Erosion, Sedimentation and Environmental Controls

The use of hay bales is not permitted as Storm Water Pollution Prevention Plan (SWP3) measures.

The Storm Water Pollution Prevention Plan (SWP3) consists of temporary erosion control measures needed and provided for under this Item. The disturbed area is less than one acre and use of erosion control measures is not anticipated. If physical conditions encountered at the job site require necessary controls, BMP installation, maintenance, and removal will be paid as extra work on a force account basis per Articles 4.4 and 9.7. Since the disturbed area is less than 5 acres, a "Notice of Intent" (NOI) is not required.

Use appropriate measures to prevent, minimize, and control the spill of hazardous materials in the construction staging area. Remove and dispose of materials in compliance with State and Federal laws.

Implement temporary and permanent erosion control measures to comply with the National Pollution Discharge Elimination System (NPDES) general permit under the Clean Water Act.

Item 512: Portable Concrete Traffic Barrier (Remove)

Remove concrete traffic barrier (CTB) and connection hardware. Assume ownership of the removed parts and dispose of in accordance with federal, state, and local regulations.

Item 540: Metal Beam Guard Fence

Painting the timber posts is not required.

Use timber posts for galvanized steel metal beam guard fence, except for anchorage at turned down ends.

Furnish and install wood blocks between the rail elements and the timber posts as detailed on the plans. These block-outs are subsidiary to this bid Item.

The quantity of the metal beam guard fence is subject to change.

Provide a mow strip as shown on the plans, at metal beam guard fence locations, including any guardrail end treatments.

Galvanize the rail elements supplied for this project by using a Type II Zinc Coating.

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Removal of Asphalt and Base material encountered while drilling holes for post is incidental to various bid items.

Item 542: Removing Metal Beam Guard Fence

Remove existing metal beam guard fence and assume ownership of the rail elements and posts.

Item 544: Guardrail End Treatments

Posts for guardrail end treatments will be new. Use of existing guardrail end treatment post will not be allowed.