

Pre-Bid Questions

Last Updated:	08/28/2020
Project:	STP 2020(879) ETC.
Control:	2399-01-074, ETC.
Highway:	FM 2818
Let Date:	September 2020
From:	0.5 Miles North of FM 60
To:	FM 2154
County:	Brazos
District:	Bryan
Addenda:	None

Question 1:

Please provide the earthwork cross-sections for this project.

Response 1:

The earthwork cross-sections have been uploaded to the FTP site under the file name "xsec_FM2818_099percent.pdf". The provided data is for non-construction purposes, only. It is the responsibility of the prospective bidder to validate the data.

Question 2:

Please provide the Geotech report for this project.

Response 2:

The Geotech report has been uploaded to the FTP site under the file name "FM2818_Geotechnical Report_2020-08-20 (Final).pdf". This document is released for the purpose of interim review only. It is not to be used for bidding, construction or permit purposes.

Question 3:

Please provide the time determination schedule for this project.

Response 3:

The contract time estimate been uploaded to the FTP site under the file name "FM2818_2399-01-074_Contract Time Estimate.pdf". This document is released for the purpose of interim review only. It is not to be used for bidding, construction or permit purposes.

Question 4:

Please provide the ROW map for this project.

Response 4:

The ROW map has been uploaded to the FTP site under the file name "FM2818_2399-01-074_ROW Map-Prelim_2019-12-02.pdf". This document is released for the purpose of interim review only. It is not to be used for bidding, construction or permit purposes.

Question 5:

On Sheet 482, is the intent for the sound wall panels to be full height 1-piece, or can the total height be made up of multiple shorter height segments?

Response 5:

Reference Sheet 482, "Concrete Surfaces", 3rd note. Sound wall panels (i.e. "Panel Body") need to be cast as one full-height piece.

Question 6:

On Sheet 482, the Sound Wall Panel Module Layout indicates a "Panel Capstone" on top of the panel. Is the intent to have a separate cap/coping placed on top of the panel or is "Panel Capstone" to be cast integral with the panel?

Response 6:

"Panel Capstone" may be precast with the "Panel Body", precast separately, or cast-in-place after "Panel Body" has been lowered in place.

Question 7:

On Sheet 483, there is a note in a box referring to "cast-in-place posts". There are no reinforcing details for these posts. Can precast posts be used? If not, please provide reinforcing details and connection to drilled shaft details for these cast-in-place posts.

Response 7:

Posts are to be precast per Sheet 482, "Concrete Surfaces", Note 3. The Sheet 483 note refers to Sheet 482 "Sound Wall Façade Treatment" for cast-in-place posts; there are no cast-in-place posts shown on Sheet 482. According to Special Specification 4006.3, structural design working drawings for sound walls are to be submitted by the manufacturer and sealed by a licensed Professional Engineer. TxDOT will review the manufacturer's design.

Question 8:

Will this project be inspected by TxDOT or a CEI?

Response 8:

This project will utilize a consultant engineering & inspection firm (CEI).

Question 9:

Regarding Item 0105-6026, can you confirm that there is a minimum thickness of 6" of asphalt on the existing roadway?

Response 9:

There is a minimum depth of 4" DG plus 2" SMA on FM 2818.

Question 10:

Could you provide some information for Item 1002-6002 Landscape Amenity (TY 1)?

Response 10:

Reference plans sheets 1073, 1077, and 1083 for "Jumbo Valve Box." Locations are shown on sheets 1064-1072.

Question 11:

Are Items 7235-6002 and 7235-6003 to be used only for work associated with the utility items?

Response 11:

The Item Code 7235 is specific to the City of College Station utility work.

Question 12:

Regarding Item # 0104-6001, please provide the thickness of the existing concrete pavement.

Response 12:

The existing concrete is 11" thick.

Question 13:

Will it be acceptable to use F- Shape portable CTB in lieu of the Single Slope or Low Profile CTB?

Response 13:

No, the type of barrier specified is what will be required.

Question 14:

On Sheet 564, a note calls for rubber gasket joints for the concrete pipe and box culvert. Can you confirm this is the correct gasket material to be used on this project?

Response 14:

Either rubber gaskets (Spec 464.2.7.3) or pre-formed flexible joint sealants (Spec 464.2.7.4) will be allowed.

Question 15:

Is there a detail for the 5" colored and textured concrete?

Response 15:

Reference plan sheet 455.

Question 16:

Is there some of the 12' wide shared use path to be installed on the West side of FM 2818? If so, what is that quantity? The shared use path plan and profile sheets only show the shared use path on the East side.

Response 16:

There is shared use path (SUP) is on both sides of FM 2818. Plan sheets 414-417 only show where the SUP/sidewalk is on an independent alignment; all other SUP/sidewalk has the grading dependent on the back-of-curb and is controlled by the Roadway PGL. Both the sidewalk and SUP are paid with the same Item 531-6002. The station ranges of sidewalk versus SUP can be seen in the Proposed Typical Sections.

Question 17:

Does the shared use path get the colored and stamped bands just like the other sidewalk?

Response 17:

All shared use path and sidewalk is to be banded as shown on sheet 455. Sheet 455 does not specify widths because it is different depending on whether it's shared use path or sidewalk.

Question 18:

Regarding item # 105-6026, can the existing base material under the HMAC be used in the new flex base or the new plant mix base items?

Response 18:

If it meets the requirements for the base specified in the plans, it can be used. It will need to be stockpiled and tested before approval could be granted.

Question 19:

Will blending be allowed for Item 346-6014?

Response 19:

The intent of the Item 346 General Note "Use aggregate that meets the SAC requirement of class A" is to disallow the use of Class B aggregate (blending).

Question 20:

For Item 662, will traffic buttons and RPMs be allowed for 4" work zone removable markings?

Response 20:

Yes, reflectorized pavement markers and traffic buttons that meet TxDOT's Departmental Materials Specifications and are placed according to Standard BC(12)-14 will satisfy the requirements for work zone removable markings.

Question 21:

For Item 677, is the mechanical method going to be an approved method for elimination of stripe?

Response 21:

Yes, the mechanical method as described in Spec Item 677.4 will be allowed.

Question 22:

On the Culvert Layouts, there are dimensions provided such as "w/ 23' FILL" for Culvert H-1 on Plan Sheet 525. What does this dimension mean?

Response 22:

The fill depths listed on the Culvert layouts are the ultimate fill heights that the structures are to be rated for due to future planned construction.

Question 23:

How are the removal of the temporary inlets, set's, and inlets paid for? The temporary pipe, set's, inlets are all quantified as part of the individual bid items but I can't find an item or statement regarding the required removal of these items.

Response 23:

The drainage Items that are noted as "temporary" for the sequencing of construction are paid with the normal Item 465, etc and their removal paid under the relevant 496 Items.

Question 24:

Does the cast in place median barrier wall or the single slope barrier wall not on the bridge require the use of white cement?

Response 24:

White cement is not required.

Question 25:

How is the removal of the existing culvert located near proposed culvert I going to be paid for? There is no quantity shown in the bid item or summary for this location.

Response 25:

The removal is shown and quantified on Plan Sheet 1035 and included in the Summary of Removal Quantities (Sheet 41) for Station Range 363+00 to 374+00.

Question 26:

For the sound wall panels, the plans show sloped bottoms, making every panel unique to its location on the wall. Would a flat bottom with drain slot be allowed?

Response 26:

The bottoms of the panels are to be sloped as shown in the plans.

Question 27:

The Post Body Cross Section on Plan Sheet 482 shows a form liner finish on all four sides of the sound wall columns. This is difficult to cast with reinforcement projecting for attachment to the drilled shaft foundation.

Response 27:

Please bid as shown with color and texture on all four sides of the sound wall columns.

Question 28:

Plan Sheet 483 shows the sound wall columns as having a bearing surface in the slot near the bottom of the column for the sound wall panels to be supported by. Would a mow strip or leveling pad with bearing pads be allowed?

Response 28:

A mow strip or leveling pad beneath the sound wall is not desired. Please bid as shown.

Question 29:

What are the reinforcement and substructure requirements for the colored textured concrete? What is the spacing on the expansion joints and control joints.

Response 29:

This structure (reinforcement and joint spacing) for the 5" colored textured concrete is intended to be the same as 5" sidewalk. The substructure for the 5" colored textured concrete is compacted subgrade, as with the 5" sidewalk.