



## BID 21MCO583

### In response refer to BID No. 21MCO583 Addendum 1 and Response to Questions December 9, 2021

Gentlemen/Ladies:

In this addendum, we have changed the due date to **10:00am THURSDAY DECEMBER 23, 2021**. We have also revised the drawings and the bid tab initially found in the specification. The following questions have been asked according to the instructions of the bid and are hereby answered:

1. Bid item #6, please check quantity?

Bid Item #6 is now being called out as "**Prime Coat (AE-P)**" per TxDOT recommendation. The total Prime Coat (AE-P) quantity is 1,048 GAL.

For SH 158, the Prime Coat is specified to be applied at a rate of 0.20 GAL/SY per TxDOT recommendation. Prime Coat is specified under TxDOT item 0310 spec as well as under Item 0300 "Asphalts, Oils and Emulsions."

For SCR 1232, Midland County is using an application rate of 0.30 GAL/SY for their roadway portion.

A breakdown of our Prime Coat (AE-P) quantity calculations are as follows:

For SCR 1232:  $590.10 \text{ SY} * 0.30 \text{ GAL/SY} = 177 \text{ GAL}$ .

For SH 158:  $4,351.46 \text{ SY} * 0.20 \text{ GAL/SY} = 870.3 \text{ GAL} \sim 871 \text{ GAL}$ .

Total Prime Coat quantity =  $177 \text{ GAL} + 871 \text{ GAL} = \mathbf{1,048 \text{ GAL}}$ .

Bid quantities will be updated to this amount.

2. Bid item #7, what is the application rate, please check quantity?

Bid item #7 is now being called out as "**Tack Coat**." TxDOT has recommended that the Tack Coat should be CSS-1H at an application rate between 0.04-0.10 GAL/SY. Tack Coat is specified under TxDOT Special Specification 3076 "Dense-Graded Hot-Mix Asphalt."

Tack Coat is only being used for SH 158. For calculation purposes, we are using **0.10 GAL/SY** for the application rate and will update plans as necessary.

A breakdown of our Tack Coat quantity calculations are as follows:

For SH 158:  $25,217.60 \text{ SY} * 0.10 \text{ GAL/SY} = 2,521.8 \text{ GAL} \sim \mathbf{2,522 \text{ GAL}}$ .

Bid quantities will be updated to this amount.

BID No. 21MCO83 Addendum 1 and Response to Questions

3. Bid item #8, what is the application rate?

Bid Item #8 is now being called out as “**D-GR HMA TY-D PG 64-22 (EXEMPT)**” for the PROP. DENSE GRADED “B” MIX (APPROX. 4”) for the SH 158 proposed shoulders per TxDOT recommendation. There is not an “application rate” associated with this line item.

This quantity is only being used on SH 158.

A breakdown of our “D-GR HMA TY-D PG 64-22 (EXEMPT)” quantity calculations are as follows:

For SH 158:  $4,351.46 \text{ SY} * 4 * 115/2,000 = 1,000.84 \text{ TN} \sim \mathbf{1,001 \text{ TN}}$ .  
Bid quantities will be updated to this amount.

4. Bid item #9, what is the application rate?

Bid Item #9 is now being called out as “**D-GR HMA TY-B PG64-22 (EXEMPT)**” for the DENSE GRADED “D” (1.5”) for the SH 158 overlay per TxDOT recommendation. There is not an “application rate” associated with this line item.

This quantity is also being used on the County of Midland SCR 1232 for the HMAC (3”) TY D.

A breakdown of our “D-GR HMA TY-B PG64-22 (EXEMPT)” quantity calculations are as follows:

For SH 158:  $25,217.60 \text{ SY} * 1.5 * 115/2,000 = 2,175 \text{ TN}$ .  
For SCR 1232:  $645.09 \text{ SY} * 3 * 115/2,000 = 111.28 \sim 112 \text{ TN}$ .  
Total Quantity for TY D (SH 158 & SCR 1232) =  $2,175 \text{ TN} + 112 \text{ TN} = \mathbf{2,287 \text{ TN}}$ .  
Bid quantities will be updated to this amount.

5. Bid item #10, please check quantity? Typical on sheet 4 only calls for 6’ & 10’?

The Typical Section shoulder widths vary from the transitions to the added middle lane. Contractor to refer to pavement plan callouts for overall limits.

This quantity is only being used on SH 158.

A breakdown of our “**FL BS(CMP IN PLC)(TY A GR 4)(8”)**” quantity calculations are as follows:

For SH 158:  $4,351.46 \text{ SY} \sim \mathbf{4,352 \text{ SY}}$ .  
Bid quantities will be updated to this amount.

BID No. 21MCO83 Addendum 1 and Response to Questions

6. Bid item #12, calls for 5 small signs, Sheet 11-2, Sheet 12-1, Sheet 13-1 total 4 ea, Sheet 11-1 large sign, bid item?  
There are a total of “5” small signs. There are no “large” signs.  
On Sheet 11, Sign Number 3, W1-7T (96x36) is incorrectly called out as “Install Large Sign Roadsign Sign (1 EA)”. It has been revised to be called out as “Install Small Roadsign Sign (1 EA), Sign Number 3, W1-7T (96x36).”  
Sheet 14, Summary of Small Signs (SOSS) shows the correct signs and plan sheet number for their location.
7. Sheet #9, note calls for the attenuator to be removed & relocated, bid item?  
A new Bid Item number will be added for “**Remove and Relocate Existing Attenuator**”, with quantity of “**2 EA.**”
8. Sheet #10, note calls for Stone RipRap, quantity & bid item?  
A new Bid Item number has been added for “**RIPRAP (STONE PROTECTION) (12 IN)**,” with a quantity of “**10.7 CY.**” Plan callouts and Bid Quantities have been updated to reflect this revision.  
A new Bid Item number has been added for “**Bedding Material (3 IN)**”, with quantity of “**2.7 CY.**” Plan callouts and Bid Quantities have been updated to reflect this revision.  
Reference TxDOT specification 432 for Riprap.