



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

May 31, 2016

SUBJECT: PRE-BID MEETING MINUTES/ADDENDUM 2 FOR DE00128 – I-5307B,
Bridge Joint Replacement on I-540 Flyover Bridge over I-40 in Durham County,
WBS Element: 47030.3.3

MEMORANDUM TO PROSPECTIVE BIDDERS AND MEETING ATTENDEES

A **mandatory** Pre-Bid Conference was held at 9:00 a.m. on Thursday, May 26, 2016 at the Division Five Office, 2612 N. Duke Street, Durham N.C. 27704. The sign in sheet is attached showing people in attendance.

The meeting opened with introductions and a review of the proposal. Special attention was drawn to the following items:

Per the cover a bid bond is required for this project.

Contract time and liquidated damages – pages 7-9. Note that lane closure restrictions are different depending on day of the week. Note that ICT 2 and/3 will shift a weekend if Labor Day weekend is a weather washout.

Page 12 DBE goal = 0 %

Page 28-29 Payment and Performance bonds are required on this project.

This is a federal project. Federal provisions are included and federal wage rates are applicable on this project. (pages 44-68).

ST-2 Structures provisions please note that portable lighting is incidental.

ST-7 requires the use of a volumetric mixer on this project.

DBE listing form – since 0% not obligated to list subs but if you intend to use you can list on this form. Goal will still remain 0%. Please indicate “0” or “none” if you don’t intend to use any DBE subs.

Addendum 1 delayed bid opening and arranged this new mandatory pre-bid meeting. Please note receipt of Addendum 1 on the ADDENDUM(S) form. Note that there was a new EBS file that was provided with updated 6/8 bid opening date.

The anticipated impact to traffic is very high on this project and public information will be distributed in advance of closures. TMP-3 Step 3 directs the Contractor to coordinate with STOC. The STOC/TMC shall be notified by email at ncta_tmc@ncdot.gov and the Contractor shall copy the Resident Engineer’s office.



The Contractor shall provide a Changeable Message Sign (CMS) at Exit 283, for informational purposes, 14 days before the ramp closure. This shall be done in addition to the DMS messages shown on TMP-6.

The Contractor will be allowed to begin removing covers from detour signs not related to the toll routes prior to the start times for closures stated in the Intermediate Contract Times. Uncovering signs related to the toll route should be done at time of closure to avoid drivers rerouting to toll route before tolls are waived.

Helen Shyu reviewed the traffic control plans and phasing. Based on comments from the Contractor the Department has decided to make some adjustments to the operations allowable during the weekend ramp closures. Revised plan sheet TMP-3 is attached to this addendum.

Because of the short duration of this project and the complexity of the work zone traffic control, the decision was made to eliminate payment of short term Changeable Message Signs. This item has been eliminated and the quantity for Changeable Message Signs per Each has been increased. Per Section 1120 of the Standards, Portable Changeable Message Signs will be measured and paid as the maximum number of portable changeable message signs acceptably placed and in operation, at any one time during the life of the project.

Farzin Asefnia reviewed the structure plans and discussed existing and proposed joint details. Based on comments from the Contractor, constructability concerns and fabrication times the decision was made to eliminate the high side joint turn up. Revised plan sheet S-14 is attached to this addendum.

Per the plan notes, existing reinforcing steel may be shifted slightly. A 1" minimum concrete cover is required. The Contractor shall take care during chipping operations and when working with existing steel. If epoxy rebar gets damaged it shall be repaired and shall be completely encapsulated in epoxy coating prior to concrete placement.


The Department expects the use of adhesive anchors for the joint system and not cast in place anchors. The anchor and epoxy details need to be worked out through the joint manufacturer and submitted to the Department. Coordination on this subject, to this point, has been done with Jim Woglarski, Watson Bowman, (716) 817-5434.

If bids are being prepared electronically an .EBS amendment file for bid preparation has been provided. This information will also be posted electronically on our website. There are quantity changes associated with this addendum, therefore new bid sheets have been provided. Please substitute the new bid sheet for the bid sheet in the original proposal

Please indicate receipt and acknowledgment of this document by signing receipt of Addendum #2 on the ADDENDUM(S) form. This form is found toward the back of the bid proposal.

If you have any questions prior to bid opening, feel free to call me at (919) 220-4600.

Sincerely,

DocuSigned by:


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Michael J. Kneis, PE

Division Project Development Engineer

cc: D. Jernigan, PE
Meeting Attendees

County : Durham

| Line # | Item Number | Sec # | Description | Quantity | Unit Cost | Amount |
|----------------------|--------------|-------|--|-------------|-----------|--------|
| ROADWAY ITEMS | | | | | | |
| 0001 | 0000100000-N | 800 | MOBILIZATION | Lump Sum | L.S. | |
| 0002 | 4400000000-E | 1110 | WORK ZONE SIGNS (STATIONARY) | 488 SF | | |
| 0003 | 4405000000-E | 1110 | WORK ZONE SIGNS (PORTABLE) | 128 SF | | |
| 0004 | 4410000000-E | 1110 | WORK ZONE SIGNS (BARRICADE MOUNTED) | 16 SF | | |
| 0005 | 4415000000-N | 1115 | FLASHING ARROW BOARD | 1 EA | | |
| 0006 | 4420000000-N | 1120 | PORTABLE CHANGEABLE MESSAGE SIGN | 5 EA | | |
| 0008 | 4430000000-N | 1130 | DRUMS | 100 EA | | |
| 0009 | 4445000000-E | 1145 | BARRICADES (TYPE III) | 30 LF | | |
| 0010 | 4480000000-N | 1165 | TMA | 2 EA | | |
| 0011 | 4510000000-N | SP | LAW ENFORCEMENT | 1,040 HR | | |
| 0012 | 8224000000-E | 425 | EPOXY COATED REINFORCING STEEL (BRIDGE) | 1,114 LB | | |
| 0013 | 8860000000-N | SP | GENERIC STRUCTURE ITEM (MOLDED RUBBER SEGMENTAL EXPANSION JOINT) | Lump Sum | L.S. | |
| 0014 | 8860000000-N | SP | GENERIC STRUCTURE ITEM (VOLUMETRIC MIXER) | Lump Sum | L.S. | |
| 0015 | 8882000000-E | SP | GENERIC STRUCTURE ITEM (CONCRETE FOR DECK REPAIR) | 162 CF | | |
| 0016 | 8892000000-E | SP | GENERIC STRUCTURE ITEM (JOINT REPAIR) | 314 SF | | |