



City of Raleigh

Project #: ES 2023-05R

Title: Wake BRT: New Bern Avenue

Submittal Due Date and Time: October 18, 2024 **not later than**
1:00 P.M. **EST**

ADDENDUM NO. 2

Issue Date: October 11, 2024

Issuing Department:

Direct all inquiries concerning this Bid Advertisement to:

Sam Brewer

Senior Engineer

Email: sam.brewer@raleighnc.gov

City of Raleigh
Addendum #2 to **Contract ES 2023-05R, Wake BRT: New Bern Avenue**

Issue Date: October 11, 2024

To: All Proposers

This Addendum, containing the following additions, clarifications, and/or changes, is issued prior to receipt of bid packages and does hereby become part of the original bid documents and supersedes the original bid advertisement documents in case of conflict.

Receipt of this addendum must be acknowledged by signing in the area indicated below. Please make the follow additions, clarifications, and/or changes to the Bid Adverstisement as listed below and **sign and return this addendum with your bid submittal package.**

Contractor Submitted Questions with Responses:

1. Can there be different pricing for betterment as compared to standard items? How are overruns handled for betterments/standard items given the average price for the job?

See 00410-9 for the note included in the bid form.

2. What schedule is needed for the project. P6 or a NCDOT style schedule.

Reference Section 2000 Contractor Submittals.

3. Will COR provide eBuilder?

Per Section 01500 PROJECT MANAGEMENT COMMUNICATIONS, COR will be providing eBuilder.

4. Is there a final date for questions?

Per 00200-6: Questions received less than 7 working days prior to the date for opening of Bids may not be answered.

5. Where will addendums be posted?

Addendums will be posted to both eVP and Plan Scope.

6. Can you clarify the TMP phasing constraints around the stations?

Per the TMP phasing notes, the concrete pad has been identified to be installed after the completion of the bus station by others. This was included to ensure any field adjustments within the Vertical Station construction can be accounted for with the Horizontal BRT concrete pads.

7. Is the conduit installed for Duke included in the ITS quantities.

Yes, Electrical Conduit has been included in the ITS quantities.

8. Please add clarification for UBO installed by others.

The “By others” is work that is installed under a separate encroachment from the project relocations. For example, the MCNC work starting on UO-2.

9. Are there any geoenvironmental included?

The Phase I Geoenvironmental can be made available upon formal request.

10. What will the finish be on the walls? Please clarify.

No additional architectural finish will be required beyond the design plans.

11. Is night work allowed?

Yes, night work is anticipated for the project.

12. Per Gil’s suggestion we will remove one of the work force events from this contract to be included in the following one. We can adjust the bid form accordingly and release with the next addendum.

The bid form has been updated with the Pilot Workforce direction to include 1 meeting.

13. Can CADD be provided?

CADD files will not be provided.

14. Can EW Summaries be provided?

Yes, summaries have been included within the addendum.

15. Page 14000-2, section 3.01, of the contract states “A lane closure permit is required for all work in side a travel lane”. Will the City of Raleigh issue this permit? Is there a fee associated with it? The City of Raleigh Permit Portal give variable rates for lane closure permit. Will the city waive the permit fee if it is required? Can a rate sheet be provided?

There is no associated city permit or payment for a lane closure on city-maintained roadways.

16. Pages 19080-UO-5, 19080-UO-6, and 19080-UO-7 list areas that Dominion Energy would need to relocate a gas line. At the prebid meeting, it was stated that some of these areas were completed. Can a list of completed area be provided? If Dominion is moving forward with relocation prior to construction beginning, can anticipated completion dates for each location be provided?

COR to provide an update with final addendum.

17. Will Builder's Risk Insurance be required since the building scope was removed from the project?

COR to provide a response with final addendum.

18. Page 07000-6 of the contract states the asphalt or aggregate base course under the curb and gutter is incidental to the pay item but page 00410-5 list NCDOT spec 846 for the various curb and gutter pay items. Section 846 does not include the asphalt or aggregate base course. How will this item be paid?

Payment to be made per NCDOT Spec as identified in the Bid Form. Please submit any additional questionable areas for clarity.

19. The pay items are not numbered in any kind of sequence. Can pay item #'s be added to the pay item list?

The bid form will remain numbered as is without additional pay item #'s.

20. The traffic control plans require several phase of work to be completed over a 56 hour period. Can a pay item for Portable Lighting (LS) be added to the contract?

No specific pay item will be included for the project. Portable Lighting will be considered incidental.

21. The Typical Sections, 2A-1, list 1.5" milling, 4" Milling, Variable Depth (1.5 Max), Variable Depth (4" Max) and Incidental Milling. Can pay items for each different item be provided?

Pay items have been included.

22. Currently, Item No. NBA0077 "Milling Asphalt Pavement 0" to 4" Depth" and NBA0078 "Incidental Milling" are the only line items for asphalt milling. A large amount of the milling required is a constant 1-1/2" deep, so can a third line item be provided – "Milling Asphalt Pavement, 1-1/2" Depth" so that it is separated from the 0"-4" measurement?

See Response for Item 21.

23. The Conduit Plan – Electrical Conduit System for Signals on Br 910001 and 910155 shows work over the Norfolk Southern Rail Road. Will Railroad Flaggers be required? Will the City cover the cost of the Flaggers?

A bid item will be included in the bid for flagging services.

24. Can a detail be provided showing the limits of construction around the Bus Stop Canopies?

The plans provided include "By Other" work identifying the Vertical Station construction limits by others. The Horizontal major work items include but are not limited to grading, paving inclusive of the concrete bus pad, drainage, curbing, sidewalk/MUP, and the primary ITS trunk line for the corridor limits. The Station major work items include but are not limited to the station foundation, platform, retaining walls, canopy, canopy stormwater, ramps, railing, bike racks, station ITS, electrical service, and art integration. The station ITS is inclusive of the connection required from the primary trunk line, installed by the Horizontal BRT Contract, to the platform location. It is anticipated that the station scope of work will include incidental

items to cover the reinstallation of construction scope provided by the Horizontal Contractor such as fine grading and sidewalk/MUP.

25. At the pre-bid meeting, it was discussed that you would provide a clear delineation of the scope of work at each of the bus shelter locations. Can you provide this information, so we have an understanding of the work included in our scope and the work that will be the responsibility of the bus shelter contractor?

[See Response for Item 23.](#)

26. In reviewing the bid form and the project specifications, there are multiple line items that have discrepancies with scopes of work and method of measurement and/or payment. For multiple line items on the bid form, there is reference to specific NCDOT Specifications which provides details on what work is included, how the work is measured, and how it is to be paid. Please confirm that the specification section number(s) referenced on the bid form governs each line item in the event of discrepancies within the contract documents.

Section numbers provided indicate the governing spec. As described in the Special Provisions:

New Bern Ave is being constructed within the limits of an NCDOT maintained facility and public ROW under a Memorandum of Understanding with City of Raleigh. All work is subject to NCDOT review and oversight. NCDOT Standard Specifications for Roads and Structures and NCDOT Standard Drawings shall govern all work and take precedent over other specifications unless other specifications are deemed more stringent and are approved by NCDOT. COR Specifications that are more stringent than NCDOT Specifications shall be used for construction unless approved otherwise by the Engineer in writing. Measurement and Payment shall follow NCDOT specifications for any overlapping bid items. Additionally, any deviations, additions/deletions or revisions to the approved plans shall be approved by NCDOT.

27. The conflicting specifications in the contract documents for many line items are confusing and sometimes contradictory. Assuming the specification numbers referenced on the bid form govern, can the specifications that do not apply be removed from the contract documents to avoid confusion?

All City of Raleigh Standard Specifications will remain in the contract.

28. There is a specific line item for Asphalt Pavement Repair for Water & Sewer (Item No. NBA 0214). Item No NBA 0083 Asphalt Plant Mix, Pavement Repair aligns with NCDOT specifications (#654) and appears to be for asphalt repairs for the various storm drain crossings. Please confirm this line item is for asphalt patching for storm drain installation in asphalt.

NBA 0083 Asphalt Plant Mix, Pavement Repair has been included for the various storm drain crossings.

29. Assuming we are to utilize the specifications referenced on the bid form for each line item, and it is confirmed that NCDOT Specification 654 covers pavement repair for storm drains, there is still some confusion in the Project Special Provisions (19000). Item No. 12 is described as "Repair of Existing Pavement" and refers to NCDOT Standard 610, specifically using only B25.0C, which is confusing. Can you clarify what the intent is for this language?

Locations for *Repair of Existing Pavement* have been identified within the plans. Project Special Provisions (19000) item No. 12 has been included for those identified locations.

30. The contract documents require the contractor to reimburse the City for inspectors' time when inspections are required beyond 10 hours per day and 40 hours per week. Considering that the contractor has no control over the scheduling of inspectors for the project, can this provision be removed from the contractor's responsibility or added as an allowance?

No payment to the City is required. Please reference SC-7.03.

31. Section 008000 Part 6.04 of the Supplementary Conditions specifies the requirement for Builder's Risk Insurance "if required". Is Builder's Risk Insurance a requirement for this project?

See Response for Item 17.

32. The Standard Provisions state that all work is to be performed M-F from 7:00 AM to 6:00 PM unless otherwise approved. The ICT's in the Special Project Provisions indicate that night work will be allowed throughout several phases of the project. There are several items of work that will be required to be performed at night (ie. water and sewer tie-ins, traffic shifts, paving, etc.) to maintain traffic flows. Will there be any restrictions for night work on this project?

Night work will need to comply with City of Raleigh Noise Ordinance and NCDOT construction agreements.

33. Since nightwork is required for some portions of the project, please add a Portable Lighting line item (NCDOT Specification 1413).

See Response for Item 20.

34. For complex widening projects that likely will have multiple utility conflicts, NCDOT will typically include line items for exploratory excavation to locate the conflicts. Will the City please add line items for "Exploratory Excavation – Standard" (per hour) and Exploratory Excavation – Vacuum" (per hour) along with the necessary special provisions?

No additional payment will be included. Please reference the Subsurface Investigation section within the Standard Provisions.

35. The Specifications state "Granite shall be a White Mount Airy color or approved equal and shall have a split-face finish on the face and the top". Can any white curb, classified by National Building GraniteQuarry Association be considered an approved equal?

No. Specific alternates should be submitted for review.

36. The "Granite Curb Setting Method" on plan sheet 2C-6, dated 8/16/24, illustrates concrete at the granite curb joints only. Specification 19000 No.19, Construction Method Part B states "Granite curb shall be installed according to proposed grade with 18-in wide trench and continuous concrete puddle footing

over compacted aggregate base...". Can you clarify the granite curb setting method that will be used and remove the incorrect method from the bid documents?

The specification shall be followed UDO by the Engineer. Plan sheet notes are not to be considered comprehensive or exclusive of requirements found in project specifications.

37. The specifications refer to select tree removal. Can you add a select tree removal item to the bid form?

Response to be included in final addendum.

38. Can you tell us the color of the concrete noted for the travel lane, and is all colored concrete the same color?

The concrete color is intended to mimic the pavement markings. The color for the markings is noted within the Technical Specifications section 19020. All red colored concrete is intended to be the same color.

39. Plan sheet B-20.3 provides details regarding the dimensions and installation for Bike Racks. Specification 19000 No. 21 references NCDOT Specification Section 1074 for Miscellaneous Metals and Hardware. Can you either provide the required material type, finish, coating, etc. or a specific manufacturer and model number for this item?

Bid item has been removed.

40. There is no item for adjustments of existing water valve boxes, water meters, cleanouts, etc., however adjustments are referenced in Specification Section 19070 as a pay item. Can these line items be added to the bid form?

Response to be provided in final addendum.

41. Is the watering of plantings after installation and during the two-year maintenance period incidental to the bid items or will it be measured for payment under Item NBA0070?

The spec reference has been updated to 02940 for NBA 0384 2-Year Warranty & Maintenance Services.

42. The contract includes a bonus for early completion. If the permanent bus shelters by others are not complete, how will this affect the bonus? Can you further clarify the definition of early completion?

The work required to be completed by the bus platform contractor will be considered independent and not a requirement to achieve the incentive. Please reference Section 19000.

43. Can you provide a list of documents required to be included with the bid?

Please reference the Bidding Requirements Section 409.

Sam Brewer
Senior Engineer

Sign below and return this addendum with your submittal response.

Proposer Name & Company: _____ **Date:** _____

Signature: _____ **Title:** _____