

**TO: PROSPECTIVE BIDDERS HOLDING PLANS AND SPECIFICATIONS FOR CITY OF  
RALEIGH CONTRACT ES 2023-06**

**RE: BARWELL ROAD IMPROVEMENT PROJECT ADDENDUM NO. 1**

The following changes and clarifications are applicable to the referenced project and are now a part of its contract documents. Where any article, division, or subparagraph of the original contract documents or other addenda is supplemented herein, the provisions of the original documents shall remain in effect. All the supplemental provisions shall be considered as added thereto. Where any such article, division, or subparagraphs are amended, voided, or superseded thereby, the provisions of such article, division, or subparagraph not so specifically amended, voided, or superseded shall remain in effect.

The attention of each contractor is called to the following clarifications, additions to, and changes in the plans sealed December 20, 2023, and specifications and contract documents sealed on July 1, 2024, under project ES 2023-06 for the above project. It will be the responsibility of each contractor to call such clarifications, additions, and changes in plans and specifications to the attention of subcontractors concerned. The City in no way assumes any responsibility for notifying any subcontractor, material dealers, or others not having received the original contract documents.

**Item 1: Pre-Bid Conference Agenda Notes Revised:**

- ☐ Attached are the agenda, meeting minutes, and sign-in-sheet from the Pre-Bid meeting held on 07/10/2024 at 2:00 pm.

**Item 2: Revised Bid Opening**

- ☐ Please note that the bid opening has been rescheduled and sealed bids will be received until 2:00 pm **Wednesday, September 4, 2024**, in Room 305 of the Raleigh Municipal Building at 222 West Hargett Street, Raleigh, NC.

**Item 3: Excel File – Revised Schedule of Prices**

- ☐ The bid tab has been revised to match our department's (COR Roadway Design and Construction) template. Items have been updated for applicable specifications.
- ☐ An Excel file for the revised schedule of prices for the Barwell Road Improvement Project that can be accessed via Accent Imaging.

**Item 4: Revised/Additional Plan Sheets**

The final plans included in the original advertisement were missing several plan sheets from the set. Plan revisions were completed to address NCDOT and City's internal design services review comments. Revised/additional plan sheets as part of Addendum #1 includes the following:

- Utility By Others – UO1-UO8
- Utility Construction (Water & Sewer) – UC-1 to UC-16
- Public Art Detail Sheets – PA1-PA5
- Public Art Structural Engineering Calculations for Foundation and Footing
- Landscaping Plan Sheets – L0.0 - L2.0
- Revised plan sheets
  - RDY\_TSH\_1
  - RDY\_TYP\_2B – 2D
  - RDY\_DTL\_2D
  - RDY\_PSH\_P1-P7A
  - TMP-2
  - SIG\_DSN\_TSH, SIG1.0-4.5
  - SCP-1 to SCP-4
  - RDY\_XSC\_X-15-16,20-27,41-42,51,86-87

Please note that the Schedule of Prices is consistent with the plan revisions mentioned above.

## Item 5: Revised Technical Specifications

The City's technical specification in the original bid documents included several items that did not apply to this project. The irrelevant content has been removed and section has been revised.

Sections that were revised as part of Addendum #1 includes the following:

- 00410 Bid Form – replaced bid tab and added electronic disclaimer.
- 19000 Project Special Provisions – removed any reference to Leesville Road, retaining walls, supplemental concrete, stone base, and Appendix A.

## Item 6: COR Roadway Design and Construction Standard Provisions

The Roadway Design and Construction Standard Provisions was excluded from the original bid documents. The missing document has been included as part of Addendum #1.

## Item 7: Questions and Answers During/Post Pre-Bid:

### Bidder Questions:

1. Duke to relocate poles before construction begins.
  - A. *Duke Energy will be the first utility owner to relocate their facilities. They will not start their efforts until all easements have been acquired. Once the easement has been recorded, then they will take a few weeks to review all easements, then move towards final construction plans prior to getting a contractor on board to relocate their poles. It is likely they will still be relocating poles at the start of construction.*
2. NCDOT stormwater boxes okay for project?
  - A. *Yes, the City would like to utilize NCDOT boxes for this project.*
3. Is there landscaping on this project? If so, where is the line item? They are on landscaping plans, so add those to bid tab.
  - A. *Landscaping items has been included as part of Addendum #1. This can be access via Accent Imaging.*
4. Are you calling out any sort of rock with the storm drain?
  - A. *No, bedding material for pipe was included under the line item "**Foundation Cond. Mat/Minor and Geotextile**".*
5. Unit rate for rock excavation?
  - A. *Rock excavation is included in unclassified excavation. Geotechnical report shows the presence of crystalized and weathered rock, so these types of rock should be easily removed. We are merely widening the road, so we do not expect much excavation will be required.*
6. Plans calls out footing for Public Art. Where is the line item?
  - A. *Footing and concrete pad for Public Art has been added as part of Addendum #1. This can be access via Accent Imaging.*
7. Page 19000-5, it specifies two options for price adjustment of asphalt binder- fixed versus fluctuate, which one is the City planning to go with?
  - A. *The City plans will proceed with the fluctuated rate for the asphalt binder pricing. This section of the City's specification has been revised.*
8. Unclassified excavation and fine grading – recommendation to change to 1 LS?
  - A. *Based on previous contracts, **Unclassified Excavation** has been presented in CY, whereas **Fine Grading** has been provided.*
9. Silt Excavation – Can you double check the quantity? It seems high.
  - A. *Silt excavation quantity is correct. This value accounts for the removal of silt from the basins after each storm event.*
10. Generic Pavement Marking Item? Specify.
  - A. *24" 90 Mil for Stopbars and High Visibility Crosswalk*
11. Are there retaining walls on this project? There are specifications in the document.
  - A. *There are no retaining walls planned for this project. Specification has been removed in Section 19000 of the City's specification.*
12. Drainage box #219 and 221 – specify in CY instead of each. Is it a special line item?
  - A. *Please refer to NCDOT Section 840-4 for further clarification. "Each" specifies an opening for circular pipe not exceeding 48-inches in diameter. Any height exceeding 5 ft will be measured and paid in linear feet. Line item has been updated to reflect this specification.*
13. Page 19000-12 – reference to Leesville Road
  - A. *Any specification that reference Leesville Road in Section 19000 has been removed.*

14. Prime Coat – remove it; instead use ½ asphalt and extra layer for strength.
  - A. *Designer included prime coat for the multi-use path. After consulting with internal staff, we have decided to remove the line item. Prime Coat has been removed from the bid tab as part of Addendum #1. This can be access via Accent Imaging.*
15. Move bid opening to Tuesday?
  - A. *Bid opening has been rescheduled to Wednesday, September 4, 2024.*
16. Number line items and can use excel sheet?
  - A. *Bid tab has been revised as part of Addendum #1 with line items numbered as requested. This can be access via Accent Imaging.*
17. Look at substantial completion and final completion. Both are showing 720 days.
  - A. *This is standard language for City contracts.*
18. Who will be in charge for survey and staking? City or Design Engineer?
  - A. *City will oversee survey and staking. Design Engineer will provide information for City staff upon completion of design.*
19. E-Builder line item?
  - A. *E-Builder licensee will be provided to awarded contractor at no additional cost. Contractor to appoint key personnel for access.*
20. **Section 02315 1.03** - NCDOT 310 is referenced on the bid form; however, this section has differing requirements for bedding. The COR specification requires #57 stone from 6" below the pipe to the springline. NCDOT 310 and accompanying 305 requires CI II, Type 1 or CL III material for bedding.
  - A. *Proceed with NCDOT 310 per the Engineer of Record's recommendation, which calls for the geotextile for the bedding material.*
21. **Section 02315 3.08K** - There is a discrepancy between the COR specification and NCDOT Std for pipe trenches in rock. The COR specification requires excavation to 6" below the pipe and replacement with #57 stone. The NCDOT Standard requires excavation to 18" below the pipe, replacement with 12" of #57 stone wrapped in fabric and 6" of CI II, Type 1 or CI III bedding material.
  - A. *Proceed with NCDOT specification per the Engineer of Record's recommendation, which calls for the geotextile for the bedding material.*
22. **Section 03000 3.05** - This section refers to a Unit Price for Supplemental Clearing and Select Tree Removal. There are no pay items in the bid form for this scope of work.
  - A. *This is part of standard City specification language, where applicable. Design Engineer mentioned any quantities, if any, were included as part of **Clearing and Grubbing**.*
23. **Section 04000 2.02** - The Unclassified Excavation item on the bid form references NCDOT 225, but Section 04000 has requirements in addition to the NCDOT requirements. Specifically, the method of measurement in the COR specifications is different from the NCDOT specifications.
  - A. *Line item has been revised to proceed with COR 04000 specifications.*
24. **Section 04000 3.02** - The Borrow Excavation item on the bid form references NCDOT 225, but Section 04000 of the COR specifications have requirements in addition to the NCDOT requirements. Specifically, the method of measurement in the COR specifications is different than NCDOT specifications.
  - A. *Line item has been revised to proceed with COR 04000 specifications.*
25. **Section 06000 5A** - The bid form references NCDOT 310 for RC Pipe Culverts; however, Section 06000 of the COR specifications have requirements in addition to what is in NCDOT Section 310. Specifically, the method of measurement is different than NCDOT specifications. Section 06000 Part 5A states "Pavement repair patching shall be incidental to the line items for this specification section as required." Additionally, Asphalt Plant Mix, Pav't Repair on the bid form references NCDOT Specification 654, and is specifically for replacing "pavement removed in order to remove or replace pipelines."
  - A. *Line item has been revised to proceed with City specs. Please refer to COR Section 07000.*
26. **Section 07000 6A** - The bid form for curb and gutter and concrete valley gutter references NCDOT 846, but Section 07000 of the specifications has requirements in addition to what is in the NCDOT referenced standard. The measurement and payment for concrete curb and gutter in this specification states "The aggregate base course or asphalt placed under the concrete curb and gutter shall be in accordance with the City of Raleigh Standard Details and shall be included in the unit price for curb and gutter." This is a large cost discrepancy for the curb line item. There is also mention that "Payment for this item shall not be made until work is complete, including backfilling, and has been inspected and accepted by the inspector, "which is not an NCDOT requirement.
  - A. *Line item has been revised to proceed with City specs. Please refer to COR Section 08000-3, Part 2-H.*
27. **Section 08000 2E.1** - This specification requires pavement repair patching to be performed "...in accordance with the City's Asphalt Pavement Patch Detail (T-10.05) or the NCDOT encroachment agreement, whichever is more strict." The referenced detail shows 12" ABC (min) and 3" asphalt (min). The bid form references NCDOT 654 and there is no mention of ABC. If ABC is required, how will it be paid?

- A. *Line item has been revised to proceed with City specs. ABC stone has been added as part of Addendum #1. This can be access via Accent Imaging.*
28. **Section 08000 3C** - The bid form references NCDOT 654 for Pavement Repair Patching and the unit of measure is by the Ton. The measurement and payment in Section 08000 3C states that it is paid by the Square Yard.
- A. *Line item has been revised to proceed with City specs and unit has been changed to SY. This has been revised as part of Addendum #1. This can be access via Accent Imaging.*
29. **Section 16000 2.01M** - This specification states "Construction Entrances shall be installed in accordance with City Standard Drawing Detail SW-20.09. Construction entrances shall be included in the unit bid price for Mobilization." NCDOT 1607 measurement and payment compensates for construction entrances by the Ton of Class A stone, and there is an item on the bid form for Class A stone. How will we be paid for construction entrances on this project?
- A. *The Class A stone specified on the bid form is not for the entrance, but for erosion control measures. Line item has been revised to proceed with City specs. Construction entrance will be included in the bid price for "Mobilization."*
30. **Section 19000.11** - This specification references payment for supplemental concrete removal not shown on the plans; however, there is no bid item for this work.
- A. *Verbiage for supplemental concrete removal has been removed on Section 19000.*
31. **Section 19000.12** - This specification references incidental stone base in accordance with NCDOT 545-6; however, there is no bid item for this work.
- A. *Verbiage for incidental stone base has been removed on Section 19000.*
32. **Section 19000.14/15** - There are two options in the specification for asphalt price adjustments. What option applies to this project?
- A. *As previously mentioned in question #7, The City plans will proceed with the fluctuated rate for the asphalt binder pricing. This section of the City's specification has been revised.*
33. **Section 19000.24/25** - This specification refers to manhole adjustments, valve box adjustments and meter box adjustments in accordance with NCDOT 858-3; however, there is no bid item for this work.
- A. *Line item has been added as part of Addendum #1. This can be access via Accent Imaging.*
34. **Section 04000 7.02A** - The NCDOT reference on the bid form is Section 250; however, the applicable section for Ditch. Excavation is Section 240.
- A. *Line item has been revised to proceed with City specs. Please refer to COR Section 04000.*
35. **Section 06000 3K** - This section references NCDOT 838.08 for the endwalls bid form (Single pipe L shape endwall) and the "pipe chart" lists NCDOT 838.01, 838.11 or 838.80. What is the correct standard for endwalls?
- A. *Line item has been revised to proceed with City specs. Please refer to COR Section 06000.*
36. **Section 08000 8B** - According to this specification regarding measurement and payment, there are several items that will be adjusted and paid at the respective contract unit prices; however, there are no bid items for this work.
- A. *Line item has been added as part of Addendum #1. This can be access via Accent Imaging.*
37. **14000 4.03** - The bid form references NCDOT 1110, 1130, 1130 & 1135 for miscellaneous temporary traffic control items, but specification Section 14000 states the method of payment differently than the referenced NCDOT specifications. Section 14000 states that payment will be made as follows:
1. Fifty percent (50%) of the total quantity of each item on the Itemized Proposal on the first partial payment estimate after which said item(s) have been placed into operation.
  2. Twenty-five percent (25%) of the total quantity of each item on the Itemized Proposal on the first partial payment estimate made after the project is 50% complete.
  3. Twenty-five percent (25%) of the total quantity of each item on the Itemized Proposal on the first partial payment after the project is one hundred percent (100%) complete.
- A. *Line item has been revised to proceed with City specs. Please refer to COR Section 06000.*
38. **Section 19000.18** - This specification states "The special agreements listed in Appendix A - Right of Way Agreements are hereby considered part of this contract. If there is no line item to pay for special agreement work and/or the work is not otherwise noted on the plans, the work is considered incidental to the other pay items." The RE Project Report in Appendix A lists the properties and status of the agreement, but there is no reference or specific information regarding any special agreements. Is there any work that will be required for the contractor to perform that relates to the RE Agreements for this project?
- A. *No, all necessary real estate easement needs will be resolved and acquired prior to the start of construction.*
39. **Section 19000.28** - There is a reference for existing well water testing in this specification, and it includes several locations on Leesville Road. Is this a typo and will there be any well water testing requirements for this project?
- A. *Verbiage has been removed from contract as it was not applicable to this project.*
40. The contract documents require the contractor to reimburse the City for inspectors' time when inspections are required beyond 10 hours per day or 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?
- A. *This is standard language for our department's construction contracts. It cannot be removed.*

41. Will all utility conflicts be relocated prior to start of work on the project?  
A. *No, utility relocations will be ongoing at the start of construction with Duke Energy being the first to relocate. There have been discussions that gas plans to relocate their facilities during construction due to the grade change.*
42. Will all RE acquisitions be resolved prior to the Notice to Proceed for this project?  
A. *Yes, the final easement will be acquired prior to Notice to Proceed.*
43. There are several items listed in Appendix A that are not included. Is this information available at this time?  
A. *Any reference to Appendix A has been removed from Section 19000.*
44. Please explain the purpose of the plan sheets labelled P-?A, 1-7.  
A. *The PA sheets are for the Public Art details. Contractor is responsible for pouring the foundation and footing in support of these Public Art pieces to be installed throughout the project limits.*
45. There are two (2) 2F plan pages, please renumber for reference.  
A. *One 2F plan sheet was intended for another project. Engineer has removed plans from the plan set.*
46. On the second 2F plan sheet there are details for different railings:  
  - Galvanized Railing (item 56 1,000') is not shown on the plans. Please show its locations. Please refer to revised sheets.
  - Vinyl Railing is neither a pay item nor shown on the plans.
  - Boardwalk? No pay item nor shown on plans.A. *These items are part of the duplicate "2F" plan sheet that was removed from the set. Please disregard.*
47. On the traffic control plans, there is reference to "Wilson County," is this a typo?  
A. *Yes, this was a typo and has been corrected to specify Wake County.*
48. The traffic control plans only have restrictions on the Pearl Road realignment, but not on the rest of the project. Are we allowed to construct as we wish?  
A. *The plans present two distinct phases. These phases are for the long-term traffic patterns. Contractors can create as many construction phases as deem necessary, but the traffic control plans only focus on the traffic pattern phases.*
49. Sheet T-2W states that "Law enforcement may be used to maintain traffic through the work area and/or intersections as directed by the Engineer." Please provide a line item to pay for this as it is under your control and not ours.  
A. *The note is included in the event a City inspector chooses to utilize law enforcement; it is not a requirement. The item is considered incidental and will not be included in the bid tab.*

**Item 8: Additional Attachments**

- City of Raleigh MWBE Presentation

END OF ADDENDUM NO. 1