

**TO:** PROSPECTIVE BIDDERS HOLDING PLANS AND SPECIFICATIONS FOR  
CITY OF RALEIGH CONTRACT ES 2023-04

**RE:** FY23 TRAFFIC CALMING AND WILD WOOD FOREST ELEMENTARY SCHOOL SIDEWALK  
PROJECTS 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 Where any such article, division, or subparagraphs are amended, voided, or superseded thereby, the provisions of such article, division, or subparagraph not so specifically amended, voided, or superseded shall remain in effect.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 January 02, 2024, and specifications and contract documents sealed on January 17, 2024, 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 with MWBE revised notes and sign-in-sheet from the Pre-Bid meeting held on 2/08/2024.

**Item 2: Bid item - Project Management Communications**

This line item has been removed from FY23 Traffic Calming Project and Wild Wood Forest Elementary School Sidewalk Project.

**Item 3: Revised Bid items for FY23 Traffic Calming Project:**

- Thermoplastic Pavement Bicycle Symbol (90 MILS) Bike Marker / Arrows: 15 Each.
- Thermoplastic Pavement Bicycle Symbol (90 MILS) Sharrows: 225 Each.
- Speed Hump W/required Markings: 40 Each.
- Speed Table W/required Markings: 5 Each.

**Item 4: Added Bid item for FY23 Traffic Calming Project:**

- Removal of Existing Speed Cushions: 3 Each.

**Item 5: Revised Bid item for Wild Wood Forest Elementary School Sidewalk Project**

- Contractor Furnished Sign (Per location): 12 Each.

**Item 6: Revised Section 19000- 11. Permanent Traffic Signage.**

Attached is the revised project special provision for the permanent traffic signage.

**Item 7: Questions and Answers During Pre-Bid:**

**Question:** Is the bid-item Project Management Communications bid price included?

**Answer:** The bid-item Project Management Communications has been removed.

**Question:** Are bid items for sharrows and bicycle markers combined?

**Answer:** No, bid items Sharrows and bicycle markers are separated bid item.

**Question:** Can you go over the contractor Furnished Sign bid item, and what is included?

**Answer:** The bid item for Contractor Furnished Sign is per Each. This should include all necessary materials, including posts, as well as signage for that location.

**Item 8: Attachments:**

- Pre-Bid Conference Agenda Notes Revised
- Revised Bid tabs for FY23 Traffic Calming Project and Wild Wood Forest ES Sidewalk Project.
- Revised Project Special Provision section 19000 – 11. Permanent Traffic Signage.
- Project Pre bid Sign-in Sheet.

**FY 2023 Traffic Calming Projects & Wild-wood Forest Elementary School Sidewalk  
Improvement Project  
ES 2023-04**

**Pre-Bid Conference Agenda  
February 8, 2024.**

**INTRODUCTION:**

Pre-Bid Sign In sheet:

**FY 2023 Traffic Calming Projects & Wild-wood Forest Elementary School Sidewalk**

- *Name:*
- *Company Representing:*
- *Company Address:*
- *Your email:*
- *Your contact phone #:*

**Project Overview:** The FY23 Traffic Calming Projects which involve 16 different streets across Raleigh and Wild-wood Forest Elementary School Sidewalk Improvement Project which involves one sidewalk on Wild-wood Forest Rd and another one on Sand Bar Drive.

**Scope of Work:** These projects consist of Traffic circles, speed humps, speed cushions, speed tables, pavement marking, flexible delineators, grading, sidewalk, ADA Ramps, curb & gutter, concrete median/refuge, and signage.

**Bid Opening** - Sealed Bids will be received until 2:00PM on Thursday February 22, 2024, at Raleigh Municipal Building at 222 West Hargett Street, Raleigh, NC Room 303. Bids shall be submitted in signed hard copy and no electronic copy shall be accepted.

**Time of Commencement and Completion**

The work required by this contract shall be commenced by the Contractor not later than 10 calendar days after the date of Contract Notice to Proceed and the entire work (including completion of all final punch-list items) shall be completed in 270 calendar days from Notice to Proceed.

**Liquidated Damages** (SP-1) Liquidated damages of \$1000 per day will be assessed if the project is not substantially completed in 270 calendar days. The completion time includes completion of all punch list items and permit close out.

**Notice to Proceed:** Anticipated date of NTP is the End of April /Early May.

**City Contacts:** Eddy Mumpasi will serve as the City contact for the project (919-996-4098). The city is providing full-time inspection, and surveying as needed for the project.

**Video of Sites:** Will be done and provided by the contractor before construction begins (SP-4) The preferred format is USB or hyperlink.

### **Construction Meetings** (SP-1)

- At the Pre-Construction Conference – Contractor to provide construction schedule
- The City plans to conduct Bi-Weekly construction meetings throughout the project onsite or at City of Raleigh office.

**MWBE Requirements:** The City of Raleigh has an aspirational 15% Certified MWBE performance goal on Construction & Repair Project contracts \$300,000 or more, and Contracts of \$100,000 or more that include any State funding.

All NCDOA/HUB and/or NCDOT/DBE Certified Subcontractor participation counts toward the 15% goal. Certified MWBE Primes performance will not count as Certified MWBE Subcontractor participation.

Good Faith Effort (GFE) requirements apply to all bidders, including MWBE Primes. Bidders can view online directory of certified MWBEs via the NCDOA HUB electronic Vendor Portal (<https://evp.nc.gov>) and certified NCDOT DBEs at (<https://www.ebs.nc.gov/VendorDirectory/default.html>).

Bidders must maintain records of all MWBE solicitations and provide such supporting documentation if the 15% participation goal is not met. The COR's 15% aspirational goal does not apply to FTA-funded projects, as FTA-funded projects instead follow FTA goal guidelines.

The following MWBE Documents are due with bids:

- Acknowledgment of MWBE Policy
- Identification of Certified MWBEs form
- Affidavit A Form – Listing of Good Faith Efforts
  - Please refer to the MWBE Explanation of Affidavit A form located within the MWBE forms packet

OR

- Affidavit B Form – Only if intent is to perform 100% of the contract with own workforce.

Within 3 business days of notice, the apparent Lowest, Responsible, Responsive Bidder must submit the following:

- Separate Letter(s) of Intent for each Certified HUB/DBE subcontractor being used.
- Affidavit C if 15% goal IS met.
- Affidavit D if 15% goal IS NOT met, along with detailed GFE supporting documentation for each claimed effort selected on Affidavit D.

**Status of Utility Relocations:** No private utilities relocation is anticipated.

**Status of Agreements:** There are no easement agreements associated with this project. All construction shall take place inside the limits of disturbance which is inside the COR Right of Way.

**Addenda:** All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing only. Interpretations or clarifications considered necessary by Engineer, in

response to such questions, will be issued by Addenda to all plan holders registered with the Issuing Office. Questions received after 5:00PM on February 15, 2024 may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Engineer's email address is [eddy.mumpasi@raleighnc.gov](mailto:eddy.mumpasi@raleighnc.gov)

**Bid Package:** Shall include bidder's checklist items and all forms in section 00410.

**Comments:**

- Please note that there are project special provisions in the technical specifications section 19000.  
Please be aware of item 10. Pavement Markings in particular.
- The Line Item (Contractor Furnished Sign) is for each location no matter if there is one or two physical signs installed on the u-channel. This should include all necessary materials, including posts, as well as signage for that location.
- Concrete Curb Ramps will be inspected by an ADA inspector at completion of project for acceptance. If built curb ramp is not ADA compliant, there will be remedial actions required by the contractor.

**Open for Questions:**

| ITEMIZED PROPOSAL / SCHEDULE OF PRICES  |                 |  |      |          |                |            |
|---|-----------------|--|------|----------|----------------|------------|
| 2023 Traffic Calming Projects   |                 |  |      |          |                |            |
| Speed Humps, Speed Cushions, Speed Tables, Traffic Circles, Chicanes, Pavement Marking, & Signage |                 |  |      |          |                |            |
| Item No.  | Sect No.        | Item Description   | Unit | Quantity | Unit Bid Price | Amount Bid |
| <b>MOBILIZATION, CLEARING, EARTHWORK AND REMOVAL</b>  |                 |  |      |          |                |            |
| TC-01   | NCDOT 800       | Mobilization (Max = 5% of Bid)                                       | LS   | 1        |                |            |
| <b>TRAFFIC CONTROL, PAVEMENT MARKINGS AND SIGNAGE</b>   |                 |  |      |          |                |            |
| TC-02   | COR 14000       | Temporary Traffic Control  | LS   | 1        |                |            |
| TC-03   | COR 15000       | Thermoplastic Pavement Marking Lines (4", 90 MILS)                   | LF   | 21,355   |                |            |
| TC-04   | COR 15000       | Thermoplastic Pavement Marking Lines (8", 90 MILS)                   | LF   | 740      |                |            |
| TC-05   | COR 1500        | Thermoplastic Pavement Marking Lines (24", 90 MILS)                  | LF   | 910      |                |            |
| TC-06   | COR 15000       | Thermoplastic Pavement Bicycle Symbol (90 MILS)/Bike Marker & Arrows | EA   | 15       |                |            |
| TC-07   | COR 15000       | Thermoplastic Pavement Bicycle Symbol (90 MILS) / Sharrows           | EA   | 225      |                |            |
| TC-08   | COR 15000       | Removal of Existing Pavement Marking Lines                           | LF   | 150      |                |            |
| TC-09   | COR 15000       | Flexible Delineators / Tubular Markers                               | EA   | 56       |                |            |
| <b>PROJECT SPECIAL PROVISIONS - ROADWAY, PERMANENT SIGNAGE and TRAFFIC CALMING</b>                |                 |  |      |          |                |            |
| TC-10   | COR 19000       | Chicane Monolithic Concrete Island                                   | EA   | 3        |                |            |
| TC-11   | COR 19000       | Traffic Circle Monolithic Concrete Island W/Pavement Markings        | EA   | 9        |                |            |
| TC-12   | COR 19000       | Speed Hump W/required Markings                                       | EA   | 40       |                |            |
| TC-13   | COR 19000       | Speed Cushion (3 wide) W/required Markings                           | EA   | 32       |                |            |
| TC-14   | COR 19000       | Speed Cushion (4 wide) W/ required Markings                          | EA   | 24       |                |            |
| TC-15   | COR 19000       | Speed Table W/ required Markings                                     | EA   | 5        |                |            |
| TC-16   | COR19000        | Concrete Curb Ramp   | EA   | 1        |                |            |
| TC-17   | COR 19000       | Contractor Furnished Sign (Per Location)                             | EA   | 167      |                |            |
| TC-18   | COR 19000       | Water Valve Adjustment   | EA   | 8        |                |            |
| TC-19   | COR 19000       | Manhole adjustment   | EA   | 8        |                |            |
| TC-20   | COR 19000       | Removal of Existing speed cushions                                   | EA   | 3        |                |            |
|   | <b>Subtotal</b> |  |      |          |                |            |
|   |                 | Contingency - 10 % of Total Bid Amount                               | LS   | 1        |                |            |
| <b>Grand Total Bid Amount</b>   |                 |  |      |          |                |            |

Date \_\_\_\_\_

BP-1

 Contractor \_\_\_\_\_  
 License No. \_\_\_\_\_  
 Signature \_\_\_\_\_

Contractor \_\_\_\_\_  
License No. \_\_\_\_\_  
Signature \_\_\_\_\_

SECTION 19000  
**PROJECT SPECIAL PROVISIONS**  
(Revision 01-05-22)

**ROADWAY CONSTRUCTION**

**GENERAL**

All construction shall conform to pertinent OSHA requirements, City of Raleigh Standards and Specifications, and NCDOT Standard Specifications for Roads and Structures. Specification editions in effect at the time of the bid date shall govern.

**1. SITE CONDITIONS**

The Contractor shall accept the actual conditions at the site and perform the work specified without additional compensation for possible variation from grades and conditions shown whether surface or subsurface, except as provided for by the Contract Documents. If existing conditions are at variance with the drawings, the Engineer shall be notified before proceeding with the work, and adjustments shall be made only as directed by the Engineer.

The Contractor shall inspect existing buildings, sidewalks, curb and gutter, pavement, light posts, and other physical features within and in the proximity of the project limits, and shall notify the Engineer, in writing, prior to beginning any construction, of any distress or existing damage such as cracking, settlement, and spalling or light malfunctions. Documentation of such distress or existing damages shall include date stamped photographs or motion video as necessary to provide evidence of such damage prior to the beginning of construction operations. Any damage to these items resulting from the work of this contract shall be promptly repaired by the Contractor at no additional cost to the City, in a manner approved by the Engineer.

**2. CITIZEN NOTIFICATION**

The Contractor shall be responsible for notifying, in writing all residents and business/property owners as per article 104-13, Citizen Notification of the Contract General Conditions.

**3. MEETINGS**

The Contractor shall have his job supervisor or superintendant attend project meetings with the City, as he deems necessary to ensure proper coordination of construction. These meetings shall be scheduled by the Engineer.

**4. PREPARATION OF SITE**

Excavation shall be done in such a manner as to provide for safe working conditions for the duration of the project.



## **5. ADJACENT PROPERTY ACCESS**

Driveway and roadway access to properties adjoining the project must be maintained at all times during construction. The Contractor shall provide all labor and materials necessary to accomplish this work. There shall be no separate compensation for this work.

## **6. GRADING, SHOULDERS AND SLOPES:**

Shoulders and slopes (for a depth of 4 to 6 inches) shall be free of all stone and clods that exceed one inch in diameter. Fine grading (raking) shall take place just before seeding and mulching. The inspector must approve all areas to be seeded prior to seeding.

## **7. ASPHALT CONCRETE SURFACE COURSE COMPACTION**

Compact the asphalt surface course on this project in accordance with Subarticle 610-9 of the NCDOT Standard Specifications for Roads and Structures, latest edition and the following provision:

Perform the first rolling with a steel wheel roller followed by rolling with a self-propelled pneumatic tired roller with the final rolling by a steel wheel roller.

## **8. SPECIAL AGREEMENTS**

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.

## **9. STREET SIGNS AND MARKERS AND ROUTE MARKERS**

Move any existing street signs, markers, and route markers out of the construction limits of the project and install the street signs and markers and route markers so that they will be visible to the traveling public if there is sufficient right of way for these signs and markers outside of the construction limits.

Near the completion of the project and when so directed by the Engineer, move the signs and markers and install them in their proper location in regard to the finished pavement of the project.

Stockpile any signs or markers that cannot be relocated due to lack of right of way, or any signs and markers that will no longer be applicable after the construction of the project, at locations directed by the Engineer for removal by others.

The Contractor will be responsible to the owners for any damage to any street signs and markers or route markers during the above described operations.

No direct payment will be made for relocating, reinstalling, and/or stockpiling the street signs

and markers and route markers as such work will be considered incidental to other work being paid for by the various items in the contract.

#### **10. PAVEMENT MARKINGS**

All temporary pavement markings shall be paint and all permanent pavement markings shall be thermoplastic unless otherwise noted on the plans. The pavement marking contractor shall premark all pavement markings and have the Engineer approve the premarking prior to completing these pavement markings in case any adjustments are required based on actual site conditions. Any pavement markings placed prior to approval of the Engineer are subject to removal and replacement at no cost to the City as directed by the Engineer. **All signage and thermoplastic to delineate a speed hump/cushion/table needs to be installed within 14 calendar days of speed hump/cushion/table installation. If the contractor fails to do so, I would use liquidated damages for maybe \$100/day.**

#### **11. PERMANENT TRAFFIC SIGNAGE**

Permanent traffic signage shall be considered full compensation for all equipment, materials, labor, and incidentals for work associated with the installation of new permanent traffic signage at locations as shown on the plans. The work shall include, but is not limited to signage fabrication and installation, including 3 lb. galvanized steel U-channel posts, bolts, and any incidentals required to install the traffic signage. Payment will be made at the unit price per location or as otherwise indicated in the itemized proposal.

#### **12. CHICANE CONCRETE ISLANDS**

Chicane monolithic concrete island shall be considered full compensation for all equipment, materials, labor, and incidentals for work associated with the installation of chicane concrete monolithic islands at locations as shown on the plans. The concrete will be stamped with a brick pattern formliner approved by the Engineer and a tooled joint will be placed at the back of the median curb. The work shall include, but is not limited to concrete, drilled anchors, formliner, and any incidentals required to install the traffic signage. Payment will be made at the unit price per each installed single chicane monolithic island.

#### **13. PINCH/SPLIT MONOLITHIC CONCRETE ISLANDS**

Pinch/split monolithic concrete islands shall be considered full compensation for all equipment, materials, labor, and incidentals for work associated with the installation of pinch/split concrete monolithic islands at locations as shown on the plans. The concrete will be stamped with a brick pattern formliner approved by the Engineer and a tooled joint will be placed at the back of the median curb. The work shall include, but is not limited to concrete, drilled anchors, formliner, and any incidentals required to install the traffic signage. Payment will be made at the unit price per each installed group of three pinch/split monolithic islands.

#### **14. TRAFFIC CIRCLE MONOLITHIC CONCRETE ISLANDS W/Pavement Marking**

Traffic circle concrete island shall be considered full compensation for all equipment, materials,

labor, and incidentals for work associated with the installation of traffic circle concrete monolithic island, as well as all pavement marking at locations as shown on the plans. The concrete will be stamped with a brick pattern formliner approved by the Engineer and a tooled joint will be placed at the back of the median curb. The work shall include, but is not limited to concrete, drilled anchors, formliner, and any incidentals required to install the traffic signage. Payment will be made at the unit price per each installed single traffic circle monolithic island.

END OF SECTION 19000



# Roadway Design & Construction

ENGINEERING  
SERVICES

## Sign-In Sheet

**FY 2023 Traffic Calming Projects & Wild wood Forest Elementary School Sidewalk Improvement Project- ES 2023-04**

**Pre-Bid Conference Agenda**

**February 8, 2024.**

| Name                 | Address   | Phone Number                                 | Email                          |
|----------------------|---|--|--------------------------------|
| Eddy Mumpasi         | COR – 222 W. Hargett St Raleigh, NC 27601                           | 919-996-4098 – office<br>919-607-8115 - cell | eddy.Mumpasi@raleighnc.gov     |
| Benjamin Possiel, PE | COR – 222 W. Hargett St Raleigh, NC 27601                           | 919-996-4057 – office<br>919-278-6481 - cell | Benjamin.Possiel@raleighnc.gov |
| BJ Lanier            | Lanier Construction Company –<br>1505 Browntown Road, Snow Hill, NC | 252-286-6739                                 | bj@lanierconstruction.com      |
| Sam Gore             | Browe Construction  | 919-422-9512                                 | Sam.gore@browecon.com          |
| James Sudano         | COR – 222 W. Hargett St Raleigh, NC 27601                           | 919-996-3665                                 | james.Sudano@raleighnc.gov     |
| Lorenzo Surles       | COR – 222 W. Hargett St Raleigh, NC 27601                           | 919-996-4066                                 | lorenzo.Surles@raleighnc.gov   |
| Will Shumaker        | COR – 222 W. Hargett St Raleigh, NC 27601                           | 919-996-4175                                 | william.Shumaker@raleighnc.gov |
| Pam Adderley         | COR - 900 S. Wilmington St Raleigh, NC 27601                        |  | Pam.Adderley@raleighnc.gov     |
| Dennis Fone          | COR – 222 W. Hargett St Raleigh, NC 27601                           |  |                                |
|                      |   |  |                                |
|                      |   |  |                                |