

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

Interstate North Parkway @ Interstate North Circle Thoroughfare Improvements
Project No. E4190/P.I. No. 0013966
October 18, 2016

ADDENDUM NO. 1

Proposals Received Until October 27, 2016 – 12:00 Noon Local Time

The following addendum hereby amends and/or modifies the Bid Documents and Contract Specifications as issued for this project. All bidders are subject to the provisions of this Addendum. Bidders shall acknowledge receipt of this addendum.

NOTE: Addenda and plan holder lists will be posted online at the following websites:

Cobb County Purchasing

http://www.cobbcounty.org/index.php?option=com_content&view=article&id=1963&Itemid=629

Cobb County DOT

http://www.cobbcounty.org/index.php?option=com_content&view=article&id=904&Itemid=607

Bid Express

www.bidexpress.com

Receipt of addenda must be acknowledged online at www.bidexpress.com. It is the bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal and to utilize the latest bid schedule.

Proposals may be rejected if any of the Unit Prices are obviously unbalanced. The County will decide whether any Unit Prices are unbalanced either excessively above or below a reasonable cost analysis value determined by the Engineer, particularly if these unbalanced amounts are substantial and contrary to the interest on the County.

A Disadvantaged Business Enterprise (DBE) PARTICIPATION GOAL OF 10% has been established for this project. Bidders shall comply with 49 C.F.R. Part 26 in their efforts to attain this goal. Bidders shall be required to document sufficient DBE participation to meet this goal, or alternatively document good faith efforts to do so.

In an effort to meet Title VI requirements, contractors are encouraged to fill out the form in the bid package. This is strictly voluntary. Please place form in a separate envelope and deliver to Cobb County Purchasing Department.

Questions should be sent via email, no later than 2:00 p.m. on Friday, October 21, 2016, to purchasing@cobbcounty.org

Please see attached Special Provision, Section 154.

ADDENDUM No. 1

Interstate North Parkway @ Interstate North Circle Thoroughfare Improvements

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I. BID SCHEDULE

Revised bid schedule will be issued in Addendum No. 2.

II. PLANS

Please see revised plans.



Michael L. Francis, P.E.
Pre-Construction Engineer

MLF/WK/jan

cc:

Electronic copies:

Cobb County Purchasing (w/hard copy)

Jim Wilgus, CCDOT

Erica Parish, Deputy Director

Obie Brannon, CCDOT Construction

Brook Martin, CCDOT Operations

Wade Kelly, CCDOT Construction

Adam Lewis, CCDOT Construction

Kelly Patrick, CCDOT Operations

Attachments: Prebid Minutes, Revised Plans, Special Provision 154

David Muller, CCDOT Utility Coordinator

Andy Rikard, CCDOT Utility Coordinator

Dyan Merced, CCDOT Engineering Division

Kari Parramore, CCDOT Construction

Jane Stricklin, CCDOT, Operations

Karen Matthews, CCDOT Engineering

Brian Loudermilk, CCDOT Engineering Division

Interstate North Parkway @ Interstate North Circle Thoroughfare Improvements

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PREBID CONFERENCE

Bid Date: October 27, 2016 – 12:00 Noon Local Time

DATE: October 18, 2016

ATTENDEES: See Attached Sign-in Sheet

MEETING MINUTES:

- (1) This is the Prebid Conference for Cobb DOT **PROJECT NO. E4190, Interstate North Parkway @ Interstate North Circle Thoroughfare Improvements**. Electronic bids will be received via Bid Express at www.bidexpress.com on behalf of the Cobb County Board of Commissioners, until **12:00 noon on October 27, 2016**. **NO BIDS WILL BE ACCEPTED AFTER THE 12:00 NOON DEADLINE**. Those received late will be unopened. No submitted bid may be withdrawn after the scheduled bid opening time for a period of ninety (90) days.

The bids will be publicly opened and read aloud at **2:00 p.m. on October 27, 2016, at the Cobb County Purchasing Department, 122 Waddell Street, Marietta, GA, 30060**.

All bids shall be accompanied by an Electronic Bid Bond via Bid Express a Paper Bid Bond, or a Certified Check delivered in a sealed envelope, indicating the project name and project number, to Cobb County Purchasing Department, 122 Waddell Street, Marietta, Georgia 30060, **BEFORE THE 12:00 NOON DEADLINE**. Bid Bond shall be drawn in favor of the Board of Commissioners, Cobb County, Georgia, in the amount of five percent (5%) of the bid for the complete work.

NOTE: Addenda and plan holder lists, will be posted online at the following websites:

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http://www.cobbcounty.org/index.php?option=com_content&view=article&id=1963&Itemid=629

Cobb County DOT

http://www.cobbcounty.org/index.php?option=com_content&view=article&id=904&Itemid=607

Bid Express

www.bidexpress.com

Receipt of addenda must be acknowledged online at www.bidexpress.com. It is the bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal and to utilize the latest bid schedule.

Proposals may be rejected if any of the Unit Prices are obviously unbalanced. The County will decide whether any Unit Prices are unbalanced either excessively above or below a reasonable cost analysis value determined by the Engineer, particularly if these unbalanced amounts are substantial and contrary to the interest on the County.

DO NOT DELIVER BIDS TO COBB DEPARTMENT OF TRANSPORTATION.

Minutes of this meeting and any revisions will be issued as Addendum No. 1, including a revised bid schedule.

CCDOT will update web sites and social media on a weekly basis based on information provided by the contractor. It will be the requirement of the contractor to coordinate all work occurring within the project limits including utility companies, sub-contractors, etc. for a comprehensive look to the week and weeks ahead with Cobb County through a Friday morning email report. Any and all costs to conform to this requirement shall be included in the cost bid for other items.

- (2) **Introduction of Special Representatives in attendance.**

PREBID CONFERENCE
MEETING MINUTES

Interstate North Parkway @ Interstate North Circle Thoroughfare Improvements
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(3) Project Description:

This project will provide intersection and operational improvements and pedestrian accommodations along Interstate North Parkway, Interstate North Circle and Windy Ridge Parkway. The total project length is approximately 0.98 miles. The southern intersection of Interstate North Circle and Interstate North Parkway will be realigned and widened. Interstate North Circle will be widened to a four-lane cross section with turn lanes at key intersections and driveways, and sidewalks on both sides. Interstate North Parkway will be reduced to a 2 and 3-lane cross section with turn lanes at key intersections and driveways and the existing sidewalk on the east side will be widened to accommodate bicyclist and pedestrians.

An overall completion date has been established. Work on the project shall be completed by close of business March 31, 2018. An intermediate completion date of March 26, 2017 has been established as specified in Section 150.11C for the following work: Trail installation along Interstate North Parkway from Windy Ridge Parkway north to the end of the project (Sta. 118+00 to 135+46.25); Drainage pipe replacement on Interstate North Circle at approx. Sta. 16+20; Lighting installation along Interstate North Parkway from Windy Ridge Parkway north to the end of the project (Sta. 118+00 to 135+46.25) and along Windy Ridge Parkway.

Failure to complete the overall construction in accordance with the above will result in the assessment of Liquidated Damages at the rate of \$1,000.00 per calendar day or portion thereof.

Failure to open the roadway or travel lanes in accordance with Subsection 150.11 will result in the assessment of Liquidated Damages at the rate of \$1,000.00 per hour or any portion thereof.

An intermediate completion date of March 26, 2017 has been established as specified in special provision 150.11C. Failure to comply with the intermediate date will result in liquidated damages of \$1,000.00 per day

Payment will be made monthly based on approved invoices.

Cobb County Water System work is involved on this project. Only contractors or sub-contractors who have been prequalified with Cobb County Water System are allowed to perform water and sewer relocation work associated with this project. Bidders or their water/sewer subcontractor are required to have a State of Georgia Utility Contractor License.

(4) Bid Proposal and Contract Documents:

A Notice of Intent is required on this project.

The Contractor must meet the current bid requirements of the Georgia Department of Transportation.

Project is funded by State and local funds. Accordingly, the successful bidder will be required to comply with all applicable State rules and regulations, as well as those of Cobb County. Project must conform to all Americans with Disabilities Act (ADA) regulations.

All bidders submitting bids in excess of \$2,000,000.00 shall be prequalified with the Georgia Department of Transportation (GDOT). All bidders submitting bids \$2,000,000.00 or less shall be registered subcontractors or prequalified with GDOT. Subcontractors shall be prequalified or registered with GDOT.

A Disadvantaged Business Enterprise (DBE) PARTICIPATION GOAL OF 10% has been established for this project. Bidders shall comply with 49 C.F.R. Part 26 in their efforts to attain this goal. Bidders shall be required to document sufficient DBE participation to meet this goal, or alternatively document good faith efforts to do so. DBE firms must be certified with the Georgia Department of Transportation's Equal Employment Opportunity (EE0) office.

PRE-BID CONFERENCE

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(5) **Utility Issues: (continued)**

For all bids for contracts involving utility work as defined in O.C.G.A. 43-14-1 et.seq., the Contractor and/or its subcontractor(s) that will perform utility work must have a valid State of Georgia Utility Contractor License and comply with all applicable provisions of Chapter 14 of Title 43 of O.C.G.A.

The Contractor and their subcontractors are required to be in compliance with the "Georgia Security and Immigration Compliance Act." **The Contractor must execute and submit at the time of the bid the "Contractor Affidavit and Agreement," or bid will be determined non-responsive and will be disqualified.**

Contractor shall submit monthly reports of utility coordination correspondence.

It is the Contractor's responsibility to coordinate all utility relocations.

Utility delays due to lack of coordination on behalf of the contractor will not be considered for reprieve from liquidated damages.

This project is considered by the UPC to be a large ticket item.

There are items with a fixed cost. Construction allowance and Utility allowance will be used at the discretion of the project engineer.

(6) **Right-of-Way:**

All right of way has been acquired.

(7) **Special Items to Note:**

All walls shall have an ashlar finish with anti-graffiti coating, cost to be included in price of concrete.

All storm drain shall be R.C.P., only pipe under driveways may be per GDOT selection chart.

All signs that are temporarily removed must be put back in place before the end of the day.

If required the Contractor shall take three-point levels on Widening and Reconstruction Projects and obtain the Engineer's approval of the "best fit" profile and cross slope, to minimize leveling requirements of the existing roadway. The Contractor must get the Engineer's approval of the proposed best fit before beginning widening and reconstruction. This will also apply to all walls, contractor shall layout walls before constructing them to get Engineers approval.

Grass shall be replaced in kind to match existing prior to construction. Sod shall be replaced with sod, seeded grass shall be replaced with seed. There is a pay item for sod to be used in yards and beauty strip.

Trees outside of construction limits are to be removed only as directed by the Engineer.

Contractor will be required to mow grass no less than once a month until final acceptance.

All materials will come from the Georgia Department of Transportation Qualified Products List.

PRE-BID CONFERENCE

MEETING MINUTES

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(7) Special Items to Note: (continued)

For asphaltic concrete pavement, placement of thermoplastic striping may commence no sooner than a minimum of 15 calendar days, and must be completed within a maximum of 45 calendar days following completion of the final surface course. If incomplete, liquidated damages in the amount of \$1,000 per day will apply.

- **No work shall be performed by the Contractor on any County project between the hours of 9:00 p.m. and 7:00 a.m., Monday through Saturday, unless specifically authorized by the County. Contractor shall adhere to the Cobb County Noise Ordinance which prohibits loud or unusual noise between the hours of 9:00 p.m. and 7:00 a.m. Any work performed during these hours will result in the assessment of Non-Refundable Deduction at the rate of \$1,000.00/hr or portion of an hour. These damages are in addition to any other specified damages as per Section 108.08, Failure or Delay in Completing Work on Time, or otherwise stated elsewhere in the Contract Documents.**

The contractor shall be required to repair or replace any existing parking lots within or adjacent to provided easements if used by and damaged by the contractor or any sub-contractors working for the contractor.

Section 150.08 Enforcement

(8) Review:

Section 108 Prosecution and Progress

Section 150 Traffic Control

(9) Questions and Answers:

- (10) Questions should be sent via email, no later than 2:00 p.m. on Friday, October 21, 2016, to purchasing@cobbcounty.org**



Michael L. Francis, P.E.
Pre-Construction Engineer



WK/jan

**DEPARTMENT OF TRANSPORTATION
COBB COUNTY**

SPECIAL PROVISION

**Project No. E4190
Project PI No. 0013966**

Interstate North Pkwy at Interstate North Circle

Section 154 — Construction Vibration Monitoring

Add the following:

154.1 General Description

This Work consists of performing preconstruction crack surveys, seismograph and other monitoring of construction vibration, and post construction crack surveys of the parking deck located on Parcel 7 at south corner of Interstate North Circle and Windy Ridge Parkway (Interstate North Office Park, LP adjacent to the proposed project construction on Interstate North Circle and Windy Ridge Parkway by procuring the services of a prequalified subcontractor specializing in this work.

154.1.1 Definitions

General Provisions 101 through 150.

154.1.2 Related References

A. Standard Specifications

General Provisions 101 through 150.

B. Referenced Documents

General Provisions 101 through 150.

154.1.3 Submittals

A. Prequalification of Subcontractor

Submit the following documentation for the Engineer's review and approval a minimum of thirty days prior to beginning construction activities on the project:

Evidence of the subcontractor's successful completion of at least five projects similar in concept and scope to the proposed crack survey and vibration monitoring. Include names, addresses and telephone numbers of the owners' representatives for verification.

Résumés of employees performing this work. Provide evidence showing each employee possesses experience and knowledge similar in concept and scope of this work for performing crack surveys and

installing and reading seismographs. The Department will be sole judge of determining if employees are qualified to perform the work on this project.

A detailed survey plan, monitoring plan, and sequence of work that describes all materials, methods and equipment to be used to complete the crack survey and vibration monitoring.

B. Construction Monitoring

Submit the following documentation during construction monitoring:

Preconstruction Crack Survey Report documenting existing conditions of buildings prior to construction activities in accordance with subsection 154.3.03.B.

Monthly Seismograph Data and Data Summary Report and Activity Log of all construction activities within 500 feet (152 meters) of the seismograph in accordance with subsection 154.3.03.A.1.

Reports of building conditions regarding cracks or any other damage potentially caused by construction activities as complaints are received in accordance with subsection 154.3.03.C.

C. Post Construction

Submit a Post Construction Crack Survey Report in accordance with subsection 154.3.03.D documenting post construction condition of cracks or damage identified in the pre-construction survey and cracks or any other damage potentially caused by construction activities.

154.2 Materials

General Provision 101 through 150.

154.3 Construction Requirements

154.3.1 Personnel

Ensure all employees performing this work have been approved by the Engineer in accordance with subsection 154.1.03.A.

154.3.2 Equipment

A. Seismograph

Use a seismograph(s) that is weather proof and capable of continuously recording particle velocity in three perpendicular components with a flat response of 2-250 HZ over a range of at least 0.01 to 5.0 inches per second (0.254 to 127 mm per second). Provide a seismograph(s) that employs an internal dynamic calibration during each recording sequence and that has been shake table tested within the previous 24 months verifying an accuracy of +/- % over the frequency range of 4 to 125 Hertz. Provide a recorder/ software system that is capable of digitally storing and reproducing vibration levels in tabular or histogram (bar graph) form at no greater than six minute intervals.

B. Crack Gauges

Use crack gauges specifically designed for use on this type of work. Utilize a minimum of 15 crack gauges and a maximum of 25 to monitor significant cracks on the interior or exterior of buildings located closest to the construction activities. Submit the proposed locations of crack gauges to the Engineer for review and approval prior to installation. Use crack gauges that do not damage or stain existing surfaces. Replace missing or damaged gauges at no additional cost to the Department. Repair and restore surfaces back to the pre-installation state.

154.3.3 Construction

Obtain Engineer's written approval of the Prequalification documents submitted in accordance with Subsection 154.1.3.A prior to beginning this work.

Perform the preconstruction crack survey prior to starting construction activities on the project.

Install and begin seismograph monitoring prior to starting excavation, shoring and backfilling construction activities on the project.

Maintain seismograph and crack monitoring until excavation, shoring and backfilling, compaction of subgrade, base and pavement construction activities on the project are complete.

A. Seismograph Installation and Monitoring

Monitor vibrations at building(s) using seismograph(s) when construction activities including, but not limited to, demolition, excavation, shoring installation, backfilling, and compaction of subgrade, base and pavement are within 75 feet (23 meters) of the building(s), or otherwise have the potential to result in vibrations that may cause damage or complaints. Relocate seismograph(s) as needed. Protect the seismograph from weather and vandalism. Replace missing or damaged equipment at no cost to the Department. Document the following information at the time that the seismograph is installed:

Date and time of installation

Coordinates of installed instrument or Station and offset

Method of transducer attachment

Name and affiliation of the person installing the instrument

1. Monthly Seismograph Data and Data Summary Report and Activity Log:

Compile a Monthly Seismograph Data and Data Summary Report containing the data from the seismograph and a summarization of the data showing time and magnitude of the maximum vibration that has occurred each day.

Maintain an activity log of all construction activities within 500 feet (152 meters) of the seismograph. Include the following data in each log:

Location of construction activity

Type of construction activity

Types and number of construction equipment being used, including model, manufacture and weight.

Date and times construction equipment was used.

Submit Monthly Seismograph Data Summary Report and Activity Log to the Engineer on a monthly basis.

B. Preconstruction Crack Survey

Complete a preconstruction crack survey on the outside and inside of the parking deck located on Parcel 7 at south corner of Interstate North Circle and Windy Ridge Parkway (Interstate North Office Park, LP adjacent to the proposed project construction on Interstate North Circle and Windy Ridge Parkway. Document building conditions by taking photographs and detailed notes citing location, length and width of cracks. Compile documentation into a Preconstruction Crack Survey Report and submit to the Engineer.

C. Building Monitoring

Monitor parking deck during construction for any new cracks and or elongation or widening of existing cracks. Provide a report of building conditions to the Engineer regarding cracks or any other damage potentially caused by construction activities as complaints are received.

D. Post Construction Crack Survey

Complete a post construction crack survey on the outside and inside of the parking deck located on Parcel 7 at south corner of Interstate North Circle and Windy Ridge Parkway (Interstate North Office Park, LP adjacent to the proposed project construction on Interstate North Circle and Windy Ridge Parkway. Document parking deck conditions by taking photographs and detailed notes citing condition of cracks or damage identified in the pre-construction survey; also, location, length and width of cracks or any other damage potentially caused by construction activities.

154.4 Measurement

The Work under this Contract Item is not measured separately for payment.

154.5 Payment

This Contract Item completed and accepted will be paid for at the Lump Sum Price bid. Payment will be full compensation for furnishing and installing the seismograph(s) and crack gauges, for monitoring and reporting vibration data recorded on the seismograph(s) and crack gauges, and completing crack survey and documenting building conditions and providing copies of all data to the Engineer in accordance with this specification. Seismographs, crack gauges and all other measuring equipment and devices will remain property of the Contractor.

Payment will be made under:

Item No. 154	Construction Vibration Monitoring	Per Lump Sum
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Office of Materials and Research

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Interstate North Parkway @

Interstate North Circle Throughfare Improvements

PROJECT NO. E4190/P.I. No. 0013966

Pre-Bid Conference

October 18, 2016 10:30 a.m.

NAME	FIRM	OFFICE PHONE/FAX	EMAIL ADDRESS
Ara Fraundorff	CCDOT	O F	ara.fraundorff@cobbcounty.org
Jane Stricklin	CCDOT	O F 770-420-6664	jane.stricklin@cobbcounty.org
DAVID MILLER	CDOT/ARCADIS	O FM O	DAVID.MILLER@COBBCOUNTY.ORG
Adel Donea	CDOT/Arcadis	F O F	adel.donea@cobbcounty.org
Karyn Matthews	CCDOT	O F 770-528-3695	Karyn.Matthews@cobbcounty.org
Erica Panish	CCDOT	O F 770-528-1607	Erica.Panish@cobbcounty.org

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Interstate North Parkway @
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 October 18, 2016 10:30 a.m.

NAME	FIRM	OFFICE PHONE/FAX	EMAIL ADDRESS
Bill Stone	cw Matthews	O 770-422-7520 F	bills@cwmatthews.com
Lisa Rodriguez	CC Purchasing	O 770-528-8400 F	purchasing@cobbcountry.org
Jason Sailers	Piedmont Precast	O 404-357-8144 F	jsailers@piedmontprecast.com
Christian Long	Astra	O 770-992-9300 F 676-491-3601	clong@astragroupinc.com
JUSTIN HENSLIFE	HEATH & LINEBACK ENGINEERS	O 770-424-1668 F	Jhenslee@heath-lineback.com
Allen Krivsky	Heath & Lineback Engineers	O 770 424 1668 F 770 424 2907	akrivsky@heath-lineback.com

COBB COUNTY DEPARTMENT OF TRANSPORTATION

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NAME	FIRM	OFFICE PHONE/FAX	EMAIL ADDRESS
Andrew C. Kennedy	CCWS CMS	O 770-422-6388 F	andrew.kennedy@ cobbcounty.org
Heath Paige	CW Matthews Corp	O 770-422-7520 F 770-422-9361 O F	hpaige@cwmatthews.com
		O F	