



Forsyth County Procurement

Adrian Casey, Director

ADDENDUM #4

Bid Number: 23-017-1514	Title: McGinnis Ferry Road Widening Project
	Date: June 16, 2023
Issuing Officer: Adrian Casey	Bid Initially Solicited: 4/20/23
Email Address: acasey@forsythco.com	Telephone: 770-888-8872

This addendum supersedes and supplements all portions of the bidding documents and becomes part of the contract documents for the above-referenced project. Where any item called for in the specifications or indicated on the drawings is supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or superseded hereby, the provision of such item not so specifically amended, voided or superseded shall remain in effect.

#	Questions	Answers
	DATE CHANGE	
1.	The Bid Opening Date has been extended to June 29, 2023 at 2:00 pm.	
2.	There is no pay item for Ductile Iron Fittings. Where should we price them?	Fittings to be included in price per LF of water line.
3.	No thickness given in the plans or specs for the Steel Casing. Will .375 Wall Thickness be enough?	Quantities sheet 44-0003 list thickness for all steel casing.
4.	No spec given on Water Meter needed. Will Forsyth County provide them or will contractors have to buy them on their own, if so what is needed?	Forsyth County will be responsible for all required material testing. Water meters will be provided by Forsyth County. Contractor to provide and install meter box. Contractor to salvage old meter and backflow preventors and deliver to the county.
5.	Is there a preference on the service point locations for the proposed traffic signals? For example it looks like the existing service point for Installation No. 8 is underground and	The County will assist in locating power service points.

#	Questions	Answers
	we cannot determine the exact location.	
6.	Are the existing CCTVs located on the existing mast arm strain poles to be relocated, or simply removed and returned to the county?	Removed and returned to the County. Change order might be made at later date to reinstall on mast arms.
7.	Do the requested cellular routers have to be Cisco specific, or can an equal be provided?	Any product on the GDOT approved products list is acceptable.
8.	Item #165 – 620-0100 – Temporary Barrier, Method No 1 has a quantity of 10,490 lf. The maximum shown in Stage I or Stage II is approx. 3,100 lf. Can you verify that 10,490 lf is the correct quantity for this item?	This is the correct quantity.
9.	The 36 month construction duration does not seem like enough time with the given Utility Adjustment schedules. AGL wants 809 working days (which is 37 months) to relocate underground gas lines. Bellsouth wants 518 working days (which is 24 months) for overhead and underground utility relocations, and Sawnee EMC wants 418 working days (which is 20 months). Additionally, the overhead phone and cable typically will not begin relocations until the EMC complete. Given that the liquidated damages for completion will be \$5,089 per Day, please consider extending the construction duration to 54 months for the Contractor to properly coordinate all the outside utility relocations and complete the roadway construction.	Construction duration revised to 48 months in Addendum #4
10.	Summary of Qtys Dwg 06-0002 has an Item for Class B Concrete, 30 CY. What scope of work is this item for?	Class B Concrete (500-3900) on sheet 06-0001 is included for Concrete Encasement Item on sheet 44-0003.

#	Questions	Answers
11.	Dwg 06-0014, Wall #6 has 144 CY of CL A concrete but no rebar. Is this correct?	This is correct. Wall #6 wall envelope on sheet 31-0003 calls for a 9031L Gravity wall with no reinforcing steel.
12.	Item #1220 (#1245) for SAN SEWER PIPE 24 IN says "CONCRETE". Plans call for DIP. Please clarify which one is correct.	The 24" SAN SEWER shall be "401 Protecto" DIP.
13.	Item #1230 (#1255) SEWER FORCE MAIN does not stipulate a size of pipe. Can you please clarify the size of pipe?	Item #1250 is 12" and Item #1255 is 20".
14.	Is any of the new sanitary shown on the Fulton County plans or all of the pay items for future work?	Refer to the 44 series plans for water and sewer work to be included in the bid.
15.	Are Sanitary profiles available for the Fulton County portion?	Sanitary sewer profiles are included in the 44 series plans.
16.	Are there any clauses for material escalators?	Any material escalator requests will be reviewed following GDOT specifications.
17.	Can the shotcrete layer be increased and finished on wall 16 and the 12" cast in place concrete be removed?	No, a cast-in-place concrete facing is required.
18.	Can precast concrete lagging with ashlar finish be used in lieu of poured in place concrete for Pile Walls 17, 18, and 19C?	No, the concrete facing shown in the plans is required.
19.	On Wall 17, 18 & 19C, it appears the CL A Concrete in the Pilot Holes is included in the quantity for the Class A Concrete pay item. However, Special Provision 520.3.05.B states that the CL A Concrete is incidental and included in the price of the Pilot Holes. Please clarify which is correct.	Special provision 520.3.05.B was intended for bridge pilot holes only. The language in the special provision has been modified to clarify that only concrete in bridge pilot holes is incidental, while concrete in wall pilot holes will be paid for separately.
20.	There is not a Pay Item for Type C Silt Fence (60,000 LF) in the Bid Form. Will this Pay Item be added?	Pay Item added to Bid Form.

#	Questions	Answers
21.	Flowable Fill Pay Item (106 CY) is missing from Wall #17 Pay Item section. Will this Pay Item be added?	106 CY of Flowable Fill is present on both sheets 06-0014 and 32-0008. Pay Item is correctly displayed. Pay Item added to Bid Form
22.	Flowable Fill Pay Item (44 CY) is missing from Wall #19 Pay Item section. Will this Pay Item be added?	44 CY of Flowable Fill is present on both sheets 06-0014 and 32-0018. Pay Item is correctly displayed. Pay Item is present in Bid Form
23.	Rip Rap Tp 1 Pay Item (789 SY) is missing from Wall #21 Pay Item section. Also, it does not specify a depth. Will this Pay Item be added with a specified depth?	24" Type I rip rap depth is specified on drawing 32-0024. Pay item is included on sheet 32-0024 and 06-0014. Pay Item has been added to Bid Form with specified depth.
24.	There is not a Pay Item for Reinforced Concrete Approach Slabs. Please add a pay item for the Reinforced Concrete Approach Slabs.	Item# 433-1100 REINF CONC APPORACH SLAB, INCL CURB with quantity of 378 SY will be added. Pay Item added to Bid Form.
25.	Is a profile for the Type P1/P2/P3 portion of Wall 19C available?	Quantities for P-wall envelope are included in quantities on sheet 06-0014. Wall envelope for P-wall portion will be provided in next addendum.
26.	On sheet 31-0005, a note states, "Walls Designated as P-S, 6S Shall Require a Special Design". Since the walls & concrete side barriers on this project are based on Ga DOT standards, will the contractor be required to provide a design? If so, please clarify which walls this will apply.	Note will be eliminated.
27.	On Walls 17 & 18, the wall length based on the pile spacing is shorter than the length shown in the wall profile (Wall 17= 480.5' vs 492.6' & Wall 18= 272.5' vs 284.7'). Please clarify which is correct & adjust the number of piles and/or pile spacing as needed.	An additional pile will be added to each wall and spacings revised to match the wall length.
28.	Confirming Line Item # 690 657-7085 PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTR is 700 Linear Miles (LM) as stated in the bid schedule.	Item# 657-7085 PREFORMED PLASTIC SOLID PVMNT MKG, 8 IN, CONTR(LM) will be changed to 657-6085 PREFORMED PLASTIC SOLID PVMNT MKG, 8 IN, CONTR(LF). Pay Item edited in Bid Form.

#	Questions	Answers
29.	Please add a Pay Item for Approach Slabs for the new bridge	Item# 433-1100 REINF CONC APPORACH SLAB, INCL CURB with quantity of 378 SY will be added. Pay Item added to Bid Form.
30.	Can the County provide the standard GDOT electronic earthwork files to all the bidders to aid in the grading estimate? Otherwise, the bidders will have to digitize all the cross sections which is a large endeavor for a 5 mile long project.	PDF earthwork files provided in Addendum #4Earthwork files provided in Addendum #4
31.	Are the GDOT # on the bid schedule supposed to match the number on the summary of quantities in the drawings provided? If so, could you please verify that both numbers are a match for all the items? We noticed that Item # 230 GDOT #500-3002 Concrete Class AA is 812 CY in the bid schedule but in the drawings provided the # is 500-3101.	Sheet 06-0002 will be corrected to 500-3002 CLASS AA CONCRETE.
32.	Item 125 of the Bid Schedule "Class A Concrete, Type P1, Retaining Wall" (500-3110) has a total quantity of 1,933 LF. As per the summary of quantities in Drawing No. 06-0014, there are 225 LF of "Class A Concrete, Type P1, Retaining Wall" for Wall 19C as part of the total quantity of 1,933 LF. As per Drawing No. 32-0017 Sheet 1 of 4, Wall 19C is a Soldier Pile and Lagging Wall in its entire length. Could you please clarify the discrepancy of quantities in Wall 19C?	Wall 19C transitions for Soldier Pile Wall to Parapet Walls at Sta 289+21.96 .31-SERIES sheet for Parapet Wall portion of Wall #19C will be included and quantity for Class A Concrete, Type P3, Retaining Wall(500-3120) from 80 LF to 110 LF. Plans will be revised accordingly.
33.	Bid Item 1265 reads as "Gate Valve, 20in" despite there only being 20" Plug Valves. Should this be changed on the bid schedule?	Plans and cost opinion/quantities call for two 20 inch plug valves, Bid Item 660-2020. There are no 20 inch gate valves listed in the plans. Bid Tab revised.
34.	There is no pay item for 12" Plug Valves despite being shown on the plans	The 12" plug valves are included in the plans and cost opinion/quantities, Bid Item 660-2235 (sheet 44-0003). Plug Valves 12" and 20" added to Bid Tab.

#	Questions	Answers
35.	Where is the extra 5,120ft of 18" Steel Casing coming from on the plans per Bid Item 1330? I'm only seeing around 3,000ft total which covers Bid Item 1335, don't see where the extra 5,000ft	Plans and cost opinion and quantities call for 2939 lf of 18" steel casing.
36.	Item #780 - 648-1350 - Impact Attenuator Unit indicates that it is a permanent unit but does not specify the size (the other letters after the P). Please provide this information.	Permanent Impact Attenuators and their designated characters will be shown on quantities and revised in plans where necessary. Locations of each attenuator will be properly shown. Bid Form will be revised to match plans.
37.	Item #695 - 150-5010 - Traffic Control, Portable Impact Attenuator has a quantity of 39 each. The maximum shown in Stage I or Stage II is 7 each. Can you verify that 39 each is the correct quantity for this item?	Quantity for Portable Impact Attenuator will be revised to 7. Note will be added that attenuators can be used with Temporary Barrier at direction of Engineer.
38.	The lump sum pay items for Microwave Radar Detection Systems for the traffic signal installations have been left off the pay item index. If not added, we assume these pay items will be added via change order. The pay items are shown on the traffic signal LOM drawings with the other pay items	Lump Sums for Pay Items 937-6010 MICROWAVE VEHICLE DETECTION SYSTEM, No.## added to the Bid Form.
39.	Summary of Qtys Dwg 06-0001 has an Item for Unclassified Excavation for 103,616 CY that is missing from the Bid Form. Also, we discussed in the Pre-Bid that this project generally met the GDOT specifications for being a Grading Complete project. Please delete the Clearing & Grubbing and Borrow Excavation Bid Items and replace them with Grading Complete	Unclassified Excavation (205-0001) will be paid Lump Sum via Grading Complete. Unclassified and Borrow excavation quantities are provided for information only. Clearing and grubbing lump sum will be removed.
40.	Summary of Qtys Dwg 06-0002 has an Item for Foundation Backfill, 291 CY for the box culverts that appears to be missing from the Bid Form. Please add a bid item for this scope.	Foundation Backfill Material TP II from Culvert Table is now included on Drainage table with quantity of 3018 CY. Bid Tab revised.

#	Questions	Answers
41.	Summary of Qtys Dwg 06-0008 has an Item for Silt Fence Type C, 60,000 LF that is missing from the Bid Form. Please add a bid item for this scope.	Temporary Silt Fence, Type C has been added to Bid Form with quantity of 60,000 LF under Item# 516.
42.	Summary of Qtys Dwg 06-0008 has an Item for Fabric Check Dams, 182,000 LF. This quantity (35 Miles) seems high for a Five Mile road widening project. Please verify the quantity as this Bid Item typically costs \$15-\$20 per LF.	Quantity will be revised to 16,520 LF on sheet 06-0008. Bid Form revised.
43.	Summary of Qtys Dwg 06-0012 has 92.5 SF of signage for the overhead span signs that is missing from the Bid Form. Please add a bid item for this scope	Pay Item 636-1036 will be increased 92.50 SF from 822 SF to 914.50 SF. Item#570 will be revised on the Bid Form.
44.	Summary of Qtys Dwg 06-0013 has Microwave Detection, 5 EA, that is missing from the Bid Form. Please add a bid item for this scope.	Lump Sums for Pay Items 937-6010 MICROWAVE VEHICLE DETECTION SYSTEM, No.## added to the Bid Form.
45.	The quantities for the Superstructure concrete and rebar for the Bridge have a unit of measure by the CY and LB. GDOT typically has a unit of measure of 1 Lump Sum for both of these bid items. Please change them to 1 Lump Sum to be consistent with GDOT's measurements.	The unit of measure for both 500-1011 and 511-3000 have been changed to Lump Sum on the Bid Form.
46.	Dwg 06-0014, Wall #17 has 106 CY of flowable fill in the summary of quantities that is missing from the Bid Form. Please add a bid item for this scope.	106 CY of Flowable Fill is present on both sheets 06-0014 and 32-0008. Pay Item is correctly displayed. Pay Item added to Bid Form
47.	Dwg 06-0014, Wall #21B has Rip Rap Tp I and Filter Fabric in the summary of quantities that appears to be missing from the Bid Form. Please add a bid item for this scope.	24" Type I rip rap depth is specified on drawing 32-0024. Pay item is included on sheet 32-0024 and 06-0014. Pay Item has been added to Bid Form.
48.	The Bid Form, Bid Item #305 is for Underdrain Pipe 6 IN, 5,692 LF. This	Note added to 04-0001 concerning Underdrain pipe. Quantity now included on 06-0001.

#	Questions	Answers
	appears to be missing from the Summary of Quantities in the drawings. There are additional underdrain items for the drainage pipe behind the retaining walls. Please confirm what scope of work Bid Item #305 is for? Is it roadway underdrain in certain limits of the project?	
49.	The Bid Form, Page 19 under the Forsyth Water scope, the Bid Item numbers begin to duplicate as it jumps from Item #1310 and back to duplicate Item #1245. Please correct the numbering to eliminate any confusion during bid pricing.	Bid Form has been revised to correct Item numbering.
50.	Sheets 20-0001 and 20-0002 include a legend for "Temporary Stream Buffer Impact" and "Temporary Access Area", however these areas appear to be left blank therefore nothing is shown. Please fill in the legend as needed for clarity.	Plans will be revised to correctly demonstrate the areas in the legend.
51.	Sheet 20-0002 note #3 states "Temporary jetties within streams/ESAs <u>are/are not</u> permitted at this location...". Please clarify if they are permitted or are not permitted and the limits that will be allowed.	The note will be revised to clarify temporary jetties are not permitted within streams/ESAs.
52.	The 24-inch Sewer Crossing just east of the bridge between manhole 1B to 1C is to be open cut at 20ft depth. A crossing of this size and depth cannot be completed while maintaining traffic on existing McGinnis Ferry. Will the County please add a Jack or Bore item to complete this crossing?	Jack and Bore will be added for this crossing. Plans will be revised, and Item added to Bid Form.
53.	The answer to question #10 on Addendum No 3 stated that a Pay Item would not be added for Temporary Concrete Doweled Integral Curb as stated in General Note #19 on Sheet 04-0001. Temporary Concrete	Separate Pay Item will not be broken out and any item from note that is required will be paid within Traffic Control Lump Sum pay item.

#	Questions	Answers
	Doweled Integral Curb is not shown on any of the staging plans. How can contractors include costs for work that is not shown or does not have a pay item. Please either delineate any temporary curb required on the staging plans, or add a Pay Item for Temporary Curb, or remove General Note #19 if it does not apply to this project.	
54.	It was mentioned in Addendum #3 that there would be a Grading Complete. Is a new bid schedule being added?	Grading Complete has been added to the bid schedule.
55.	Questions on quantity accuracy of various pay items	Pay items will be reviewed by Atlas for any adjustment needs.
56.	Parcel 37 Existing irrigation Control Valve at 1885 McFarland Pkway - will it be adjusted to grade?	Plan sheet 44-0009 will reflect adjusting to new slope grade.
57.	Parcel 37 Existing water meter in easement at 1885 McFarland Pkway (Sta 175+54 left)- will it be adjusted to grade?	Plan sheet 44-0009 will reflect adjusting to new slope grade.
58.	Parcel 38 1282 Old Alpharetta Rd. - existing parking lot traps storm water runoff, should a concrete flume be added with rip rap outlet control into existing ditch/swell?	A concrete flume and rip rap will be added and located as directed by the Engineer. Pay Item added. Rip rap to be included in the price of the concrete flume.
59.	Parcel 38 1282 Old Alpharetta Rd. -	Water vault relocated as requested.
60.	Parcel 39 1264 Old Alpharetta Rd. - There are 2 Post Indicator Valves not shown on plans and a water meter shown but they will need to be adjusted to grade and water meter relocated, correct?	Plan sheet revised to include 2 Post Indicator Valves adjusted to grade and the water meter will be relocated and adjusted to grade.
61.	Parcel 39 1264 Old Alpharetta Rd. - There is an existing sanitary sewer	Parcel 39 sewer manhole is not within the limits of construction, no further action required.

#	Questions	Answers
	manhole at Sta ?? In the easement area, should it be adjusted to grade?	
62.	Can SVDBE Subcontractors be used to meet the DBE goal?	The SVDBE can only be used on state funded projects. The SVDBE Special Provision is provided in Addendum #4