

HUSSEY GAY BELL  
CONSULTING ENGINEERS  
SAVANNAH, GEORGIA

July 25, 2018

**ADDENDUM NO. 1**  
**TO THE**  
**CONTRACT DOCUMENTS AND SPECIFICATIONS**  
**FOR**  
***GARDEN CITY TOWN CENTER IMPROVEMENTS***  
***FOR***  
**GARDEN CITY, GEORGIA**

All Bidders and other interested parties are hereby notified of the following additions and/or revisions to the Plans and Contract Documents of the referenced project.

RECEIPT OF THIS ADDENDUM MUST BE  
ACKNOWLEDGED ON THE BID PROPOSAL

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PRE BID MEETING MINUTES  
Held July 19, 2018, 3:00 P.M.

1. Introductions were made by contractors and representatives of Garden City and the project. Sign in sheet is attached.
2. Project is in preparation of a larger private development on the Town Center property. City is to install public infrastructure portions of the public-private development.
3. Attendance at the Pre-bid is mandatory. Only companies that are/were represented at the pre-bid meeting are allowed to propose on the project.
4. Proposals shall be held for 60 days from opening date.
5. Work must be completed in 180 days.
6. Bids will be received no later than 4:00 PM, August 8, 2018. Public Bid opening will occur at 4:00 PM at Garden City-City Hall.

7. Approval for modifications made to Dean Forest Road (SR 307) has been obtained. Permit will be issued following pre-con including selected contractor, Garden City, and GDOT (John Kent).
8. GDOT will be on-site throughout the duration of their work.
9. All Addendum will be issued by email.
10. Contractor shall use the pavement section shown on Sheet 5A for GDOT right-of-way work.
11. Tapping sleeve and valve shall be placed in a manhole.
12. Thermoplastic paint shall be used on the GDOT improvements and within the GDOT right of way. Traffic rated paint may shall be used on Garden City property and rights of way.
13. C-pop is acceptable in lieu of wire back Type C silt fence.
14. Landscaping shall be included in the Bid. The Bid Proposal has been revised to include a line item for Lump Sum Bid for landscaping.
15. Irrigation has been added to the Bid. Please see irrigation sheets included in the addendum. The Bid Proposal has been revised to include a Lump Sum item for irrigation.

Questions since the Prebid meeting:

1. The Bid Schedule's LS Grading item indicates that removal/replacement of unsuitable material should be included, but there are bid items for the removal and replacement of unsuitables. Should any removal/replacement be included in the LS item?

***Removal and replacement of unsuitable material shall not be included in the LS Grading item as there is a line item that allows for it to be paid for my unit price.***

2. On Sheet 5A there is a note to relocate/lower existing UGT running along Sunshine Ave. Is this work that would be performed by the utility provider?

***This work is to be performed by the Utility provider but must be coordinated by the Contractor. Costs from the utility provider shall have prior approval from the Owner and shall be billed directly to the Owner.***

3. All silt fence on the plans is labeled as Type C. The Bid schedule includes Type A and Type C. Can I assume that the single row on the plans is Type A?

***All silt fence shall be Type C. Bid Proposal has been revised.***

ATTACHMENTS:

1. Revised Bid Proposal
2. Revised Section 01150, Measurement and Payment
3. Sign in Sheet from Pre-Bid meeting.
4. Irrigation plans.
5. Geotechnical Investigation

SECTION 01150  
MEASUREMENT AND PAYMENT

1. SCOPE:  
Under this heading shall be included the methods of measurement and payment for items of work under this Contract.
  
2. ESTIMATED QUANTITIES:  
All estimated quantities for unit price items, stipulated in the Bid Proposal, or other Contract Documents, are approximate and are to be used as a basis for estimating the probable cost of the work and for comparing the bids submitted for the Project. The actual amounts of work done and materials furnished under price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work done and material furnished. The Contractor agrees to make no claim for damages, anticipated profits or otherwise on account of any difference between the amounts of work actually performed and materials actually furnished and the estimated amounts included in the Bid Proposal. The Contractor will not be paid for any work which exceeds 25 percent of the quantity set forth in the Bid Schedule without a change order issued before the work is performed unless specifically ordered in writing by the Engineer. The Contractor will provide assistance to the Engineer to check quantities and elevations when so requested.

PAVING, GRADING AND STORM DRAINAGE

3. GRADING AND PROJECT MISCELLANEOUS:  
Grading shall include all project excavation, compaction, proof rolling, and finish grading, on and off site borrow and earth fill to meet finish grades, NPDES sampling and monitoring, all removals not specifically listed in the Bid Proposal, project staking, bonds and insurance, and all miscellaneous items not included elsewhere in this Bid Proposal to complete this project in accordance with the Contract Plans and Specifications. Payment shall be lump sum to cover all labor, materials and equipment to perform the work. Contractor will perform his own construction staking from baseline staking provided by the Owner.
  
4. DEMOLITION:  
Demolition shall include all removal and/or demolition of utilities, roadways, landscaping, and other support infrastructure. Measurement will be on the basis of complete job. Payment shall be lump sum to cover all labor, materials and equipment to perform the work and shall include disposal and removal of demolished materials from the site.
  
5. REMOVAL OF UNSUITABLE MATERIALS:  
Measurement of unsuitable material for roads, utilities, and walks will be as determined by sectioning the area before and after the unsuitable material is removed or other means approved in advance by the Engineer. Unsuitable subgrade material will be determined by the

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Engineer with limits established as to depth and length of the area of unsuitable material. Unsuitable material will not be removed to a depth greater than two feet (for paved areas) without written authorization from the Engineer. The total shall not exceed the quantity of unsuitable material in the Bid Schedule by more than 25 percent without a change order. Payment is for providing all labor, materials and equipment necessary to excavate and remove the unsuitable material offsite or to a location designated by the Engineer onsite. If onsite locations are not adequate to handle all removed unsuitable material it will be the Contractor's responsibility to remove the material offsite at his own expense.

6. FOREIGN BORROW (REPLACE UNSUITABLE SUBGRADE MATERIAL ONLY):  
Measurement of borrow material (compacted in place) shall be done by sectioning the area before and after the unsuitable material is removed. Borrow material will be obtained off site by the Contractor at his expense. Foreign borrow material will not be obtained until onsite suitable material from excavations under the item "Grading" is used. No extra payment will be made for onsite suitable material used to backfill and compact for replacement of unsuitable material. Unit price will cover all labor, materials and equipment required to transport the material to the site and to place and compact the material.
7. STORM PIPE:  
Measurement of pipe will be on the basis of the number of linear feet of pipe in place as shown on the Plans measured along centerline of pipe. Payment for furnishing and installing the pipe will be on the basis of the unit price in the Bid proposal and shall cover all work required for excavation, dewatering, bedding and backfilling to properly install the pipe, and lamping the storm pipe at completion.
8. INLETS:  
Payment for furnishing and installing the inlets shall be on the basis of the unit prices for the inlets in the Bid Proposal. Payment shall include furnishing and installing the concrete and grates shown on the Plans, excavation, dewatering and backfilling.
9. CONCRETE CURB AND GUTTER (AND VALLEY GUTTER):  
Measurement of the concrete curb and gutter and valley header curb will be on the basis of the number of linear feet of curb installed as shown on the Plans. Payment for forming, placing, finishing and curing the concrete curb and gutter shall be at the respective unit prices in the Bid Proposal.
10. GRADED AGGREGATE BASE COURSE:  
Measurement for the graded granite aggregate base material, compacted and shaped in place will be on the basis of the square yards of base. Payment for furnishing, placing, mixing, compacting and shaping the graded aggregate base will be made at the unit price in the Bid Proposal, for each thickness specified.

11. ASPHALTIC CONCRETE SURFACE COURSE:  
Measurement for asphaltic concrete surface furnished, spread, shaped and rolled will be on the basis of square yards of asphaltic concrete in place as shown on the Plans. Payment for furnishing, spreading, shaping and rolling asphaltic concrete surface course will be made at the unit price in the Bid Proposal, for each thickness specified, and shall include bituminous prime coat applied at the rate of 0.20 gallons per square yard of application.
12. SILT FENCE, TREE PROTECTION, CONSTRUCTION EXIT, RETROFIT, & CHECK DAMS:  
Measurement for items shall be on the basis of complete units in place as indicated on the Bid Proposal. Payment for these items is for measures to be taken as indicated on the Plans and Specifications and provided in the Manual for Erosion and Sedimentation Control in Georgia. Payment is for all labor, material and equipment necessary to meet the requirements, including maintenance and removal ('hog-wire' tree protection fence shall remain in place), and shall be at the respective unit prices in the Bid Schedule. Double row silt fence shall be measured along the designated length without counting each line separately.
13. GRASSING:  
Measurement of grassing shall be on the basis of the number of square yards furnished and installed where shown on the plans and/or as directed by the Engineer. Payment for furnishing and installing the grassing shall be at the unit price in the Bid Proposal and shall include furnishing and applying mulch, fertilizer, water, and onsite or offsite topsoil as needed, and maintenance until a satisfactory stand of grass is achieved.
14. SIGNAGE AND STRIPING:  
Measurement for this item shall be on a completed job basis and shall include all pavement markings and traffic control signs in place as shown on the Plans. Payment shall be at the lump sum price in the Bid Proposal to cover all materials, labor and equipment necessary to perform and complete the work, including layout.

SANITARY SEWER SYSTEM

15. PVC SERVICE LATERALS:  
Measurement of sewer laterals will be on the basis of the number of linear feet of pipe in place measured along centerline. Payment for furnishing and installing the pipe shall be on the basis of the unit price for each unit in the Bid Proposal and shall cover all work required for excavation, dewatering and backfilling to properly install the pipe, including fittings, plug, and copper tracing wire.

16. WYES & CLEANOUTS:  
Measurement for these items shall be on the basis of the completed unit in place. Payment for furnishing and installing wyes will be on the basis of the unit price in the Bid Proposal and shall cover all labor, material and equipment required for installation.
17. SEWER PIPE (PVC & DIP):  
Measurement of pipe will be on the basis of the number of linear feet of pipe of each material in place measured along center line of pipe from center of manhole to center of manhole or stub end. Depth for payment will be determined from finished grade. Payment for furnishing and installing the pipe shall be on the basis of the unit price in the Bid Proposal and shall cover all work required for excavation, dewatering, bedding, backfilling and testing to properly install the pipe, including copper tracing wire and videotaping the pipe at completion.
18. CONNECT TO EXISTING SYSTEM:  
Measurement for these items shall be on the basis of the completed unit in place. Payment for connection of a new 8-inch pipe to an existing 8-inch pipe with a standard connection shall be based on the unit price in the Bid Proposal and shall cover all labor, material and equipment necessary to remove the existing plug and make the new watertight connection.

WATER DISTRIBUTION SYSTEM

19. WATER MAIN:  
Measurement of water main will be on the basis of the number of linear feet of pipe in place measured along centerline including fittings. Payment for furnishing and installing the pipe shall be on the basis of the unit price for each item in the Bid Proposal and shall cover all work required for excavation, dewatering and backfilling to properly install the pipe, including fittings and thrust restraint, flushing, disinfection, pressure testing, mylar tape, and copper tracing wire.
20. FIRE HYDRANT WITH 6-INCH VALVE & BOX AND POST TYPE HYDRANT:  
Measurement for these items shall be on the basis of the completed unit in place. Payment for furnishing and installing fire hydrant or post-type hydrant shall be on the basis of the respective unit price in the Bid Proposal. Payment shall cover furnishing and installing the hydrant and riser adjusted to proper height, blocking, drain, excavation, backfilling and dewatering necessary to install hydrant, fittings, gravel, hydrant isolating valve, valve box and adjustable riser, hydrant lead and copper tracing wire.
21. CONNECT TO EXISTING SYSTEM:  
Measurement for these items shall be on the basis of the completed unit in place. Payment for connection of a new 8-inch pipe to an existing 8-inch pipe with a standard connection shall

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be based on the unit price in the Bid Proposal and shall cover all labor, material and equipment necessary to remove the existing plug and make the new watertight connection.

22. IRRIGATION:

Measurement shall be based upon complete job. Payment shall cover all labor, materials, and equipment for installation of all piping, valves, sleeves, fittings, meters, removing and replacing asphalt, directional drilling, casing, tie-ins, pumps, wiring, conduit, controls, panels, floats, logic, complete SCADA system, automated valves, valve vault, lid, connection to existing panel, irrigation service pump, underground storage tank, anti-floatation, fencing and any other miscellaneous items required for a complete working system or shown on Sheets L1-L5.



BID PROPOSAL

GARDEN CITY  
100 Central Avenue  
Garden City, Georgia 31405

ATTENTION: Mr. Ron Feldner  
City Manager

PROJECT TITLE: GARDEN CITY TOWN CENTER IMPROVEMENTS  
GARDEN CITY, GEORGIA

SUBMITTED BY: \_\_\_\_\_

Gentlemen:

Having carefully examined the Plans, Specifications and other Contract Documents relating to the above reference project, dated June 2018 and Addendum No.(s) \_\_\_\_\_, and also having carefully inspected the premises and the conditions affecting the work, the undersigned hereby proposes and agrees to furnish all materials, labor skill, equipment, tools and other things of every kind and description specified, needed or used for the complete execution of all work covered by and in conformity with the aforesaid Plans, Specifications and other Contract Documents prepared by HUSSEY, GAY, BELL & DEYOUNG, INC., Consulting Engineers (hereinafter called the "Engineer") and all Amendments and Addenda thereto, for the sums hereinafter stated.

SCHEDULE OF BID PROPOSAL:

Bidder must fill in unit prices in figures, make extensions of each item and total as indicated. For complete information concerning these items, see Plans and Specifications.

**BID PROPOSAL**

Garden City Town Center Improvements

Item #	Description	Estim. Qty.	Unit Price	Total Price
<b>PAVING, GRADING &amp; DRAINAGE SYSTEM</b>				
1	Grading and Project Miscellaneous shall include all grading, including off-site removal and replacement of unsuitable material, to meet the finished grades shown on the plans, and project staking, testing, insurance, bonds & all miscellaneous items not included elsewhere in this bid schedule to complete the project in accord with the plans & specifications.	1	LS	
2	Demolition - Complete per plans	1	LS	
3	Removal of Unsuitable Materials	500	CY	
4	Foreign Borrow (Replace Unsuitable Material)	500	CY	
5	12" HDPE Pipe, smooth bore w/soil-tight joints	56	LF	
6	18" RCP CLASS III	38	LF	
7	24" RCP CLASS III	152	LF	
8	30" RCP CLASS III	209	LF	
9	36" RCP CLASS III	340	LF	
10	Single Curb Inlet	5	EA	
11	Type E Inlet	2	EA	
12	Ditch Inlet (incl. sediment protection measures)	1	EA	
13	Nyloplast Yard Inlet - 18" Drain Basin	2	EA	
14	Standard Storm Manhole	2	EA	
15	18" Curb & Gutter	2,465	LF	
16	30" Curb & Gutter (DOT)	436	LF	
17	Concrete Valley Gutter	1,607	LF	
18	Remove Existing Curb Inlet top and replace with Manhole Top	1	EA	
19	Core Existing Drianage Structure	4	EA	
20	Special Inlet with 'V' Top over existing 18" RCP	1	EA	
21	Remove Exisitng Inlet and 8 LF of 18" RCP	1	EA	
22	1-1/2" (minimum thickness) Asphaltic Concrete Surface Course, GDOT 9.5mm or 12.5mm Superpave	4,363	SY	
23	7.5" Granite Graded Aggregate Base Course, Placing, Mixing, Shaping & Compacting	4,363	SY	
24	1-1/4" (minimum thickness) Asphaltic Concrete Surface Course, GDOT 9.5mm Superpave	435	SY	
25	2" (minimum thickness) Asphaltic Concrete Binder Course, GDOT 19mm Superpave	435	SY	
26	5" (minimum thickness) Asphaltic Concrete Binder Course, GDOT 25mm Superpave	435	SY	
27	10" Granite Graded Aggregate Base Course, Placing, Mixing, Shaping & Compacting	435	SY	
28	Raised Concrete Median (GDOT Detail A3)	16	SY	
29	Silt Fence - Type "C" (single row)	3,751	LF	
30	Silt Fence - Type "C" Double Row Wire Backed	1,843	LF	

31	Inlet Sediment Trap	30	EA		
32	Check Dam	2	EA		
33	Construction Exit	1	EA		
34	Temporary Turn-Around (gravel)	1	EA		
35	Grassing	2,857	SY		
36	Signage & Striping	1	LS		
37	Handicap Ramp	37	EA		
38	Concrete Pads (Parking Areas)	77	SY		
39	Concrete Sidewalk	3,972	SY		
40	Landscaping (complete)	1	LS		
41	Irrigation (complete)	1	LS		
<b>SUBTOTAL</b>					

**SANITARY SEWER SYSTEM**

1	6" PVC Service Lateral	120	LF		
2	8" PVC Sewer Pipe 6' - 8'	580	LF		
3	Standard Manhole 6' - 8'	1	EA		
4	Connect New Gravity Sewer Main to Existing Manhole at Elevation Shown (Core Drill)	2	EA		
<b>SUBTOTAL</b>					

**WATER DISTRIBUTION SYSTEM**

1	8" Water Main (incl. fittings & thrust restraints)	186	LF		
2	Additional price per foot for 8" D.I. Water Main		LF		
3	8" Plug tapped 2"	5	EA		
4	Post-type Hydrant 2" (flush type)	5	EA		
5	Adjust Existing Watermain around Drainage Inlet	1	EA		
6	Adjust Existing Fire Hydrant Location	1	EA		
7	Connect New Water Main to Existing Main w/ 8" x 8" Tapping Saddle & Valve in Manhole	5	EA		
<b>SUBTOTAL</b>					

**PAVING, GRADING & DRAINAGE SYSTEM**  
**SANITARY SEWER SYSTEM**  
**WATER DISTRIBUTION SYSTEM**


**TOTAL**

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It is recognized that neither the Engineer nor the Owner has control over the cost of Labor, materials or equipment, over the Contractor's methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Engineer cannot and does not warrant or represent that bids or negotiated prices will not vary from any Statement of Probable Construction Cost or other cost estimate or evaluation prepared by the Engineer.

TOTAL IN WORDS: \_\_\_\_\_

\_\_\_\_\_

For and in consideration of the sum of \$1.00, the receipt of which is hereby acknowledged, the Undersigned agrees that this proposal may not be revoked or withdrawn after the time set for the opening of bids except as provided by O.C.G.A. 36-91-52. Bids shall remain open for acceptance for a period of sixty days following bid opening.

In case he be notified in writing by mail, telegraph, or delivery of the acceptance of the Proposal within sixty days after the time set for the opening of bids, the Undersigned agrees to execute within ten days a Contract (Form of Agreement between Contractor and Owner) for the work for the above stated compensation and at the same time to furnish and deliver to the Owner a Performance Bond and Payment Bond in accordance with the instructions bound in the specifications, both in an amount equal to 100 percent of the contract sum.

The Undersigned agrees to commence actual physical work on the site with an adequate force and equipment within ten days of a date to be specified in a written order from the Owner and to complete fully all work within 180 consecutive calendar days, or within \_\_\_\_\_ consecutive calendar days if different than specified. The Undersigned Bidder agrees to pay to the Owner, Liquidated Damages as stated in the Special Conditions for each consecutive calendar day of delay in an amount not to exceed \$1,000.00 per day.

Enclosed herewith is a Bid Bond in the amount of \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

being not less than 5 percent of the Base Bid. The Bid Bond must be submitted on a form acceptable to the Owner. The Undersigned agrees that the above stated amount is the proper measure of liquidated damages which the Owner will sustain by the failure of the Undersigned to execute the Contract and to furnish the performance Bond and Payment Bond in case this proposal is accepted and further agrees to the following:

If this Proposal is accepted within 60 days after the date set for the opening of bids and the Undersigned fails to execute the Contract within 10 days after written notice of such acceptance or if he fails to furnish both a Performance Bond and Payment Bond, the obligation of the Bid Bond will remain in full force and effect and the money payable thereon shall be paid into the funds of the Owner as Liquidated Damages for such failure; otherwise the obligation of the Bid Bond will be null and void.

The Bidder submits the following statement of Bidder's qualifications.

BIDDER'S QUALIFICATIONS

NAME OF BIDDER \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

TELEPHONE NO. \_\_\_\_\_ FAX NO. \_\_\_\_\_

WHEN ORGANIZED \_\_\_\_\_

WHERE INCORPORATED \_\_\_\_\_

LICENSED TO DO BUSINESS IN THE STATE OF \_\_\_\_\_

\_\_\_\_\_

The foregoing statement of qualifications is submitted under oath:

Respectfully submitted,

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

The legal name of the Bidder is:

\_\_\_\_\_

(Attach satisfactory evidence of the authority of the officer, or officers, signing on behalf of a corporation.)

