



CITY OF TAMPA

Pam Iorio, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

ADDENDUM NO. 3

DATE: August 24, 2010

Contract 10-C-00050; Bruce B. Downs Water Transmission Main: Bearss Avenue to Cypress Preserve Boulevard

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: RESPONSES TO RFIs

There appears to have been irrigation at one time within the grassed/planted medians. Is this so? And is any of the system active?

There is an existing irrigation system within the median and planting areas near Tampa Palms. The irrigation system is owned and maintained by the Tampa Palms Homeowners Association. The contact number for the TPHA is (813) 977-6571. The TPHA is also a member of Sunshine One Call.

At many places in the median trees/shrubs are indicated but in the field, they no longer exist. Does the contractor have any responsibility at these locations?

The trees and shrubs shown in the plans is the landscaping the County proposes to install during their road widening project. They were shown on the plans to aid in the design for the placement of air release valves and butterfly valves.

The notes indicate we are to restore to preconstruction conditions. There are approximately 40 trees/ornamental shrub trees to remove. Are they to be replaced? If so, please provide bid items for the replacements.

All of the existing trees and shrubs are to be removed except the large palm trees on both sides of Cypress Creek. A sufficient casing length has been included in the specs to allow the Contractor to install the casing under the creek without disturbing the palm trees. Refer to Page TS-11, Section T2.02, sub-section A.

Since this is a precursor to the roadway project and appears to be ultimately designed, would the City provide the geotechnical reports from that project? This would be of great help in assessing groundwater elevations and soils conditions along the proposed route.

The geotechnical reports for the County's roadway project, along with additional geotechnical Work the City had done, are in the back of the Specifications book. The reports are also available on the City's website for the project under supplemental information.

Plans and bid form call for 62" x.875 wall jack & bores. This size does not exist. Casing and augers come in 60" or 66" and that is the Pipe OD. With the bores ranging from 30' to 40', I'd suggest 60"x.875 wall. It gives you 2 1/4" clear over the factory restrained bell.

*Bid item 2311 will be revised via addendum from:
Furnish & Install 62" OD steel casing pipe by jack & bore
To:
Furnish & Install 60" OD (0.844' thickness) steel casing pipe by jack & bore*

*Bid Item 2312 will be revised via addendum from:
Furnish & Install 62" OD steel casing pipe by Micro-tunnel
To:
Furnish & Install 60" OD (0.844' thickness) steel casing pipe by Micro-tunnel
The pay item quantities will remain the same.*

Please provide continuation of Ductile Iron Specials, Tangential Welded On Outlets (pg 40 of 42) for 36" and 48" Pipe.

On sheet 40 of the Bruce B Downs 48" Transmission Main plan set, the detail for the Tangential Welded-on Outlets will be revised to include the 36" and 48" pipe sizes. The new detail will be Issued via addendum.

Please provide a pay item for 36"x12" MJ Outlet.

A revised drawing and detail will be issued via addendum to clarify the cut and plug, and blow-off at this location.

Will the City consider change to 12" Above Grade Blow-Off Piping (pg 40 of 42)? Flange x flange 90 w/12" Companion Flange and 12" Camlock, in lieu of MJ x PE 90(can't be, connecting to flanged pipe) w/threaded DIP and Camlock). Please clarify the detail even if change is not considered.

The detail for the Camlock connection will be revised via addendum.

Bid Items 3053 12" Restrain Existing and 3073 12" Push On Restraints appear to have their Respective quantities reversed. We only have 48' of 12" DIP Pipe, you can only have two restraints.

There are no 12" push-on restraints required for the project. Therefore, the bid item will be Deleted via addendum.

12" Restraint of existing joints quantity is not specified at any location (see sheet 38 of 42, Station 1311+31) nor does any other location shown. Please advise where else required.

The 12" water main offset at station 1311+31 is the location where the restrain existing joints apply.

Our bid documents contain no pavement repair section. At least at a minimum we need thicknesses for pay items 9201-Limerock, 9202 crushed concrete (the City is requiring only FDOT certified crushed concrete correct?), 9204 Restore Asphalt, and 9206 Full Depth Asphalt.

It appears the existing asphalt is all S mix design material, Is Type S the replacement asphalt? Or are you going to require Superpave material?

The road restoration shall be based on the Hillsborough County Utility Accommodation Manual, Appendix K, Figures 1, 2, & 3. For base material the County accepts limerock or crushed concrete. The base will need to be installed to a thickness of two times the existing base or 12 inches, whichever is greater. The base material shall be installed in 6 inch lifts and compacted to 98% of maximum density as determined by AASHTO T-180-57. A minimum of two density tests per lift is required.

The surface course shall be FDOT type S-1 asphalt with a thickness equal to the existing or 1-3/4", whichever is greater.

The 36" Cut & Plug (bid item #2520), shown on pg. 8 of 42 refers to detail on sheet 39 of 42. Does not apply for 12" Blowoff.

A revised drawing and detail will be issued via addendum to clarify the cut and plug, and blow-off, at this location.

Please provide detail of what line is plugged and where showing blowoff configuration. Currently, I've no idea which 36" pipe is to be plugged, or which line receives the 12" Blow Off or where this is located.

A revised drawing and detail will be issued via addendum to clarify the cut and plug, and blow-off, at this location.

As shown on the east side of the 36" Tee, it appears we may have to cap the 54" and treat the same as shown on pg. 30 of 42(the west end). Is this not three separate pay items (2520, 2522, & 9001)?

A revised drawing and detail will be issued via addendum to clarify the cut and plug, and blow-off, at this location.

It appears some pavement markings are going to be impacted by the line construction. Nowhere in the M&P's do I see mention of it. What does the City want to do? Paint or Thermo? Can we have a line item added to the proposal to assure inclusion by all?

Pavement marking shall be painted with thermoplastic markings. Refer to page TS-44, Section T4.03.

Bid Item 9216, Signalization Loops, can we find out what type of loops we will have to replace? Traffic loops come in different sizes and this will impact pricing.

Bid Item 9216 on page C-19 of the Specifications will be revised via addendum from:

9216 Signalization Loops

To:

9216 Signalization Loops – Type A

Bid Item 9217 will be added to page C-19 via addendum and will read:

9217 Signalization Loops – Type F

Will the Contractor be required to pay additional costs for inspector overtime, ie. working on Saturdays? If so, we will need to know what the rate of payment is to be.

If the Contractor is required to work overtime, nights, or on weekends, then there is no Additional inspector overtime required. The Contractor will, however, need to obtain City approval prior to scheduling any work outside of the normal work hours.

Will the contractor be required to install silt fence along the pipe trench route? If so, can a bid item be added to the bid form to compensate Contractor for silt fence installed?

Silt fence is determined by the Contractor's NPDES permit requirements. The cost for silt fence is to be factored into the furnish and install price for the pipe. Refer to Section C2.10, Item 7.

Specifications page C-3, par. C1.10 MOBILIZATION, the second sentence tells us that our costs for maintenance of traffic for pipe installation is to be paid from this item, how will these costs be determined? Why doesn't this maintenance of traffic for pipe installation get paid out of bid item no. 1201, Maintenance of Traffic?

Maintenance of Traffic and Mobilization are two separate line items. When you mobilize, you are Expected to begin your Maintenance of Traffic.

An addendum will be issued to revise the Mobilization section to remove the maintenance of traffic for pipe installation reference.

Bid Item 1202, Traffic Control Officer, since this is a job for the City of Tampa, can we use a City of Tampa off duty police officer for this bid item or will we have to use a Hillsborough County Sheriff's deputy, due to right-of-way jurisdiction?

The Contractor will need to apply for a Hillsborough County for a Traffic Control Permit. The Final determination of which agency the Traffic Control Officer works for will come from the County.

Specifications page C-9, par. C2.30, sub-par. 10, this paragraph requires the annular space between casing pipe and carrier pipe be filled with grout, this should not be allowed. It is next to impossible to pump grout through the casing to fill the annual space especially with the presence of casing spacers along the barrel of the pipe. We were told at the meeting that this is a Southwest Florida Water Management District (SWFMD) requirement. The folks at SWFMD

need to be taken to task with this requirement. Putting or trying to pump grout inside the casing is wrong and would only be an impediment for maintenance if the pipe should ever have to be removed from the casing. Perhaps, SWFMD, would settle for sand to be blown inside the casing to fill the void. Please get SWFMD to come off the grout requirement!

An option to using grout is to fill the annular space with fly ash.

Specifications page C-5, par. C2.10 DUCTILE IRON PIPE, sub-par. 8, this paragraph requires the pipeline to be pigged, how is the Contractor to be compensated for the additional large diameter fittings required to insert and retrieve the foam pig? Will the Contractor be responsible for paying for the water necessary to move the pig through the pipe? For a pipeline of this size, is pigging really necessary? Proper installation and plugging the pipe at the end of the work day will eliminate foreign matter entering the pipe and in this case, due to the pipe's size, the pipe can easily be crawled and visually inspected for foreign matter. Please delete the requirement to pig the pipe.

*Item 8 on page C-5 of the Contract and Specifications book will be revised via addendum from:
Furnish all labor, equipment, and materials to pig and flush water main and to clean dirt and foreign material from within the pipe and bell.*

To:

Furnish all labor, equipment, and materials to flush water main and to clean dirt and foreign Material from within the pipe and bell.

Water for pressure testing and chlorinating, will the Contractor be responsible to pay for the water?

Water for pressure testing and chlorination will be supplied by the City. If the Contractor requires water for temporary offices, equipment washing, etc., a water service will need to be applied for and appropriate fees paid.

There is no mention in the specifications for de-chlorinating, will the Contractor be required to de-chlorinate while discharging the water from the pipe?

As long as the water is not being discharged to a protected water body such as a lake, creek or river it will not require dechlorination.

Specifications page INS-1, par. A, am I correct to include costs to provide Commercial General Liability Insurance for the additional 1 (one) year following completion of the project in our bid, for a possible general aggregate limit for the value of the project?

Yes, as indicated on INS-1.

How much pipe will the installation contractor be allowed to string out in front of the laying crew?

There will be very little room in the median for pipe storage with the excavation and clear zone requirements. The Contractor will not be permitted to store more material in the right-of-way than can be installed that day without written permission from the County.

There are several manufacturer's restrained joints listed in the Ductile Iron Pipe specification. Specs indicate the listed joints or approved equal. If a manufacturer wants to supply a joint not listed in the specification does the manufacturer need to get the joint approved before the bid?

Any joint not listed in the specifications will need to be submitted for approval after the bid. There is no guarantee that an "or equal" joint will be accepted.

Since this is a project for the City of Tampa in Hillsborough County ROW, will construction hours still be 7:00 am to 7:00 pm?

The Contractor will need to apply for a Hillsborough County for a Traffic Control Permit. The final determination of the hours in which the Contractor will be able to work will come from the County.

Outside of the jack and bore and microtunnel areas, will any temporary concrete barrier wall be required?

If there are exaction areas that need to be left open over night, barrier wall may be required. Additional barrier wall may be needed at the south end of the project where there is very little median with which to work. The final determination of barrier wall requirements can be ascertained through the Hillsborough County Traffic Control Office.

Can the ARVs and the blow offs be shifted to the other side of Bruce B. Downs in some locations if the ROW is clearer?

The ARV's and blow-offs were placed in locations that could be easily maintained by the City and would be clear of the County's future road construction. If the Contractor wants to suggest moving one of the devices, the City will review the proposal.

Please clarify who is responsible for the cost of materials testing of soils, concrete and asphalt.

Section T1.06 Quality Control says the Department will appoint and employ the services of an independent firm to perform inspection and testing. At the pre-bid meeting, the question was asked and the response was that the contractor was responsible. Please advise who is responsible.

All inspection and testing of materials will be performed by the City unless otherwise specified. Refer to page G-6, Section 5 of the General Provisions.

Per S-6.01 page sp-6, the contractor shall replace all open-cut pavement, with a temporary compacted surface capable of supporting sustained vehicle traffic. Could you define compacted surface, ie, type of material and thickness.

The County will allow crushed concrete to be used to temporarily fill the trenches.

Can you provide an open cut detail showing thickness of base material and type and thickness of asphalt for all permanent road repairs, bid items 9201, 9202, 9204, and 9206.

The road restoration shall be based on the Hillsborough County Utility Accommodation Manual, Appendix K, Figures 1, 2, & 3. For base material the County accepts limerock or crushed concrete. The base will need to be installed to a thickness of two times the existing base or 12 inches, whichever is greater. The base material shall be installed in 6 inch lifts and compacted to 98% of maximum density as determined by AASHTO T-180-57. A minimum of two density tests per lift is required.

Can you provide detail or more information on bid item 9311, per fdot what type of concrete median is it?

The existing concrete medians will need to be replaced in accordance with FDOT standard Indexes 300, 301 & 302.

Is the 54" pccp water line active, and if so, can we abandon that line with the existing water in line?

The existing 54" PCCP line is active. It will need to remain in service until the new 48" line is constructed, passed pressure and bacteriological testing, and is ready to be tied in.

Can you designate type of curb for line item 9300.

Line item 9300 will be revised via addendum to designate curb types.

I have received a question from one the SLBE signage subcontractors solicited asking what type of variable signs, the size, and what the unit E.D. is abbreviation for. I did find a City sign that is required but was unable to find anything else in reference to signs (variable) as I may have missed it. The Bid Schedule list E.D – qty 300. If you could assist me in the answers or tell me where I may locate it in the spec/plans I would appreciate it.

The existing unit designation E.D. is for each day. Refer to Page C-3, Section C1.20 in the Specification Book.

Item 2: Water Contract Pay Items:

C1.10 MOBILIZATION, page C-3, first paragraph, in the second sentence; **delete** the words "maintenance of traffic for pipe installation".

C1.20 MAINTENANCE OF TRAFFIC, page C-5, Item No. 8; **delete** the words "pig and".

Page C-5; Change Item 8 to read: "Furnish all labor, equipment and materials needed to flush the water main and to clean dirt and foreign material from within the pipe and bell."

Page C-9; Change Bid Item 2311 to read “Furnish & Install 60” OD steel casing pipe by jack & bore.

Page C-9; Change Bid Item 2312 to read “Furnish & Install 60” OD steel casing pipe by Micro-tunnel.

C3.00 THRUST RESTRAINT, page C-12, Payment Item 3073; **delete** in its entirety.

C9.00 BLOW-OFF ASSEMBLIES AND AIR RELEASE VALVES, page C-18, Item 6, in the second line; **change** “cam-lock” to read “blind flange”.

C9.20 PAVEMENT RESTORATION, page C-19, second paragraph; **change** “tons” to read “square yards”.

Page C-19 in Specifications package. Change Item 7 to read: “Furnish all labor, equipment and material to install traffic loops as specified by the agency having jurisdiction over the traffic signal or as directed by the Engineer. Existing traffic loops are as follows:

Intersection	Type of Loop	Size of Loop	Owner
Bearss Ave	A	6' x 20'	HC
Skipper Rd	A	6' x 20'	HC
Amberly Dr	F	6' x 30'	COT
Tampa Palms Blvd	F	6' x 30'	COT
Cypress Preserve Dr	F	6' x 30'	COT

C9.20 PAVEMENT RESTORATION, page C-19, Payment Item 9201; **change** to read “Furnish, place, and compact lime rock and/or crushed concrete base”.

C9.20 PAVEMENT RESTORATION, page C-19; **delete** in its entirety Item 9202.

C9.20 PAVEMENT RESTORATION, page C-19; **change** Pay Item 9204 to read “Furnish, place and grade, Type S-1 or Type SP-12.5 Asphalt”.

C9.20 PAVEMENT RESTORATION, page C-19; **change** 9206 to read “Furnish, place, and grade, Type S-1 or Type SP-12.5 Asphalt – Full Depth”.

Page C-19; Change Bid Item 9216 to read “Signalization loops – Type A”.

Page C-19; Change the second paragraph to read “Asphalt shall be measured for payment based on the number of square yards of asphalt furnished and installed.”

C9.20 PAVEMENT RESTORATION, page C-19, after Item 9216; **add** the following “9217 – Signalization Loop - Type F – EA”.

C9.30 ROADSIDE RESTORATION, page C-21, Item 9300, Restore Concrete Curb; **add** "Type E".

C9.30 ROADSIDE RESTORATION, page C-21, after Item 9300; **add** "Item 9301, Restore Concrete Curb – Type F – L.F".

Item 3: Proposal

Replace Proposal pages P-3 through P-7 with attached pages P-3R through P-7R.

This addendum shall be included in and attached to the inside cover of the Contract Documents by and upon which bids are submitted.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Manager

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
1101	Mobilization	L.S.	1	Three hundred forty six thousand nine hundred thirty dollars and 89/100	\$ 346,930.89	\$ 346,930.89
1201	Maintenance of Traffic	L.S.	1		\$	\$
1202	Variable Message Boards	E.D.	300		\$	\$
1203	Traffic Control Officer	M.H.	1000		\$	\$
2106	12" ductile iron pipe	L.F.	48		\$	\$
2108	16" ductile iron pipe	L.F.	127		\$	\$
2112	36" ductile iron pipe	L.F.	9		\$	\$
2116	48" MRJ ductile iron pipe	L.F.	3,218		\$	\$
2118	48" PO ductile iron pipe	L.F.	14005		\$	\$
2200	2" HDPE	L.F.	500		\$	\$
2205	12" HDPE	L.F.	537		\$	\$
2311	60" Steel Casing by Jack & Bore	L.F.	140		\$	\$
2312	60" Steel Casing by Micro-Tunnel	L.F.	385		\$	\$
2401	Remove 4" - 12" diameter abandoned pipe	L.F.	25		\$	\$
2402	Remove > 12" diameter abandoned pipe	L.F.	60		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2515	Cut & Plug 12" WM	EA.	3		\$	\$
2516	Cut & Plug 16" WM	EA.	2		\$	\$
2520	Cut & Plug 36" WM	EA.	1		\$	\$
2522	Cut 54" PCCP WM	EA.	1		\$	\$
3053	12" Restrain Existing	EA.	2		\$	\$
3074	16" Push-on Restraints	EA.	2		\$	\$
4006	6" bend, slv, reducer	EA.	1		\$	\$
4007	6" Plug/Cap	EA.	1		\$	\$
4013	12" bend, slv, reducer	EA.	17		\$	\$
4014	12" Plug/Cap	EA.	3		\$	\$
4017	16" bend, slv, reducer	EA.	7		\$	\$
4018	16" tee	EA.	1		\$	\$
4028	30" Plug/Cap	EA.	1		\$	\$
4033	36" Bend, Slv, Reducer	EA.	3		\$	\$
4041	48" x 36" reducer	EA.	2		\$	\$
4041	48" 45 & 90 degree bends	EA.	8		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4041	48" 22.5 degree bends	EA.	4		\$	\$
4041	48" 11.25 degree bends	EA.	14		\$	\$
4041	48" Solid Sleeve	L.F.	3		\$	\$
4042	48" Tees	EA.	3		\$	\$
4100	48" x 12" MJ Outlet	L.F.	9		\$	\$
4104	48" x 16" MJ Outlet	L.F.	2		\$	\$
5000	Install Fire Hydrant	EA.	1		\$	\$
5101	Remove Fire Hydrant	EA.	1		\$	\$
6002	6" Gate/Tapping Valve	EA.	1		\$	\$
6004	12" Gate/Tapping Valve	EA.	5		\$	\$
6005	16" Butterfly Valve	EA.	2		\$	\$
6009	36" Butterfly Valve	EA.	1		\$	\$
6011	48" Butterfly Valve	EA.	10		\$	\$
6074	12" Gate/Tapping Valve on HDPE	EA.	6		\$	\$
7003	12" x 12" Tapping Sleeve	EA.	2		\$	\$
9001	12" Blow-off Assembly	EA.	6		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9002	2" Blow-off Assembly	EA.	1		\$	\$
9003	Air Release Valve	EA.	15		\$	\$
9201	Approved Base Material	CU. YD.	4600		\$	\$
9204	Restore asphalt	SQ. YD.	4300		\$	\$
9206	Restore FD asphalt	SQ. YD.	50		\$	\$
9216	Signalization loops - Type A	EA.	2		\$	\$
9217	Signalization loops - Type F	EA.	4			
9218	Ped x-ing push buttons	EA.	4		\$	\$
9300	Restore concrete curb - Type E	L.F.	2100		\$	\$
9301	Restore concrete curb - Type F	L.F.	4350			
9303	Sidewalk restoration	SQ. YD.	12		\$	\$
9304	Restore brick pavers	SQ. YD.	57		\$	\$
9305	Sod restoration	SQ. YD.	43,881		\$	\$
9310	Remove Guardrail	L.F.	220		\$	\$
9310	Replace Guardrail	L.F.	220		\$	\$
9311	Concrete median restoration	SQ. YD.	679		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9510	Remove Storm pipe 15"	L.F.	110		\$	\$
9511	Remove Storm pipe 18"	L.F.	20		\$	\$
9514	Remove Storm pipe 12" x 18"	L.F.	30		\$	\$
9515	Install Storm pipe 15"	L.F.	110		\$	\$
9516	Install Storm pipe 18"	L.F.	20		\$	\$
9519	Install Storm pipe 12" x 18"	L.F.	30		\$	\$
9800	Remove Trees	EA.	40		\$	\$
9950	Project sign	EA.	4		\$	\$
9960	Video photography	L.F.	17223		\$	\$
9970	Alignment Survey Layout	L.F.	17223		\$	\$
9980	Owner Contingency	L.S.	1	Three hundred fifty thousand dollars and no 00/100	\$ 350,000	\$ 350,000
					TOTAL	\$