



# CITY OF TAMPA

Pam Iorio, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

David L. Vaughn, AIA, Director

## ADDENDUM NO. 1

DATE: May 29, 2008

Contract 08-C-00007; Bruce B. Downs Wastewater Relief Force Main

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: Insert the attached page I-1a Instructions to Bidders in front of page I-1b.

Item 2: Replace Plan Sheet 3 with the attached revised sheet.

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 concerning the above referenced project are to be faxed to 813/274-8080.

Jim Greiner, P.E., Contract Manager  
Contract Administration Department

INSTRUCTIONS TO BIDDERS  
SECTION 1 - SPECIAL INSTRUCTIONS

I-1.01 GENERAL:

The proposed work is the Bruce B. Downs Wastewater Relief Force Main in the City of Tampa, as required for a complete project, as shown on the plans and detailed in the specifications. The work is located on land owned or controlled by the City of Tampa.

I-1.02 SIGNATURE OF BIDDERS:

Section I-2.07 is replaced with the following:

Proposals must be signed in ink by the Bidder with signature in full. When firm is a Bidder, the Proposal shall be signed in the name of the firm by one or more partners. When a corporation is a bidder the officer signing shall set out the corporate name in full beneath which he shall sign his name and give the title of his office. The Proposal shall also bear the seal of the corporation attested by its secretary.

If the bidder referred to in Section I-2.07 is a corporation, it must submit with its bid a copy of its filed Articles of Incorporation. In addition, if the bidder was incorporated in another state, it must establish that it is authorized to do business in the State of Florida. If the bidder is using a fictitious name, it must submit with its bid proof of registration of such name with the Clerk of the Circuit Court of the Country where its principal place of business is. Failure to submit what is required is grounds to reject the bid of that bidder.

I-1.03 TIME FOR COMPLETION:

The work shall be arranged to be completed in accordance with a progress schedule approved by the Construction Engineer.

The time for completion of this project, referred in Article 4.01 of the Agreement, shall be 180 consecutive calendar days. The period for performance shall start from the date indicated in the "Notice To Proceed".

I-1.04 LIQUIDATED DAMAGES:

The amount of liquidated damages, referred to in Article 4.06 of the Agreement, for completion of this project shall be : \$500.00 per calendar day.

I-1.05 BASIS OF AWARD OF CONTRACT:

The basis of award referred to in Item I-2.11 of Instructions to Bidders shall be the greatest amount of work, which can be accomplished within the funds available as budgeted. The award may be made on the basis of the total bid, base bid, alternates(s) if any, unit bids if any, or any combination thereof deemed to be in the best interest of the City.

I-1.06 GROUND BREAKING CEREMONY:

Arrangement may be made by the City in coordination with the Contractor, for construction to commence with a Ground Breaking Ceremony. Details will be discussed at the pre-construction conference.

I-1.07 INSURANCE:

The insurance required for this project shall be as indicated on Pages beginning with INS-1. Before commencing work, the Contractor shall provide the evidence of the insurance required on a Certificate of Insurance accompanied by evidence of authority to bind the insurance company or companies such as agents license, power of attorney, or letter of authority.

352-038

GENERAL NOTES

1. LOCATIONS OF EXISTING UNDERGROUND UTILITIES WERE PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES (CALL SUNSHINE) AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION.
2. THE MINIMUM CLEARANCE BETWEEN THE PROPOSED FORCE MAIN AND ALL CROSSING UTILITIES SHALL BE 12-INCHES UNLESS OTHERWISE NOTED.
3. THE PROPOSED FORCE MAIN SHALL BE INSTALLED ACCORDING TO THE STATIONS, OFFSETS AND INVERT ELEVATIONS PROVIDED WITH NO INTERMEDIATE HIGH OR LOW POINTS BETWEEN THE SPECIFIED INVERT ELEVATIONS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4. THE DIRECT BURY PORTIONS OF THE PROJECT SHALL UTILIZE 24-INCH AWWA C-905 (DR-25) GREEN PVC OR 24-INCH HDPE AWWA C-906 (DR-11) PIPE UNLESS OTHERWISE NOTED ON THE PLANS. ALL 4-INCH PVC FORCE MAINS SHALL BE AWWA C-900 (DR-18) WITH PVC FITTINGS.
5. DIRECTIONAL BORES SHALL UTILIZE 24-INCH HDPE AWWA C-906 (DR-11) PIPE WITH A MINIMUM OF 2 IMPREGNATED, LONGITUDINAL GREEN STRIPES. HDPE JOINTS SHALL BE BUTT FUSED.
6. PIPE BENDS SHALL BE DIP WITH PROTECTO 401 EPOXY LINING, C-905 PVC (DR-25) OR C-906 HDPE (DR-11).
7. ALL FORCE MAIN VALVES, FITTINGS AND BENDS SHALL HAVE RESTRAINED MECHANICAL JOINTS UNLESS THE JOINTS ARE BUTT FUSED HDPE. RESTRAINING DEVICES SHALL BE "MEGA-LUG" AS MANUFACTURED BY EBAD IRON OR APPROVED EQUAL. THE COST OF THE RESTRAINING DEVICES SHALL BE INCLUDED IN THE UNIT COSTS OF THE PIPE AND BENDS.
8. CONNECTIONS BETWEEN HDPE AND PVC OR DIP SHALL BE IN ACCORDANCE WITH THE HDPE TRANSITION DETAIL. CONTRACTOR SHALL INSTALL 304SS STIFFENERS INSIDE THE HDPE TRANSITIONS AS MANUFACTURED BY CASCADE OR APPROVED EQUAL. COST OF THE TRANSITIONS AND STIFFENERS, WHERE APPLICABLE, SHALL BE INCLUDED IN THE UNIT COSTS OF THE PIPE AND BENDS.
9. ALL PROPOSED FORCE MAIN PIPE SHALL HAVE 2 LOCATING WIRES IN ACCORDANCE WITH THE PIPE LOCATING WIRE DETAIL. THE WIRES SHALL BE RAISED AND TERMINATED AT ALL AIR RELEASE VALVES AS SHOWN ON THE AIR RELEASE VALVE DETAIL.
10. CONTRACTOR SHALL REPLACE ALL REMOVED OR DAMAGED IRRIGATION PIPES, VALVES AND COMPONENTS TO PRE-EXISTING CONDITION OR BETTER.
11. THE CONTRACTOR SHALL FURNISH THE CITY A CONTINUOUS COLOR VIDEOTAPE RECORDING OF PRE-CONSTRUCTION CONDITIONS OF ALL SURFACE FEATURES WITHIN THE CONSTRUCTION'S ZONE OF INFLUENCE, SIMULTANEOUSLY PRODUCED AUDIO COMMENTARY AND ELECTRONIC DISPLAY OF TIME AND DATE.
12. PAVEMENT RESTORATION OF BEARSS AVENUE SHALL CONSIST OF 9-INCH THICK SUPERPAVE BASE COURSE AND 2-INCH THICK SUPERPAVE ASPHALT SURFACE. SUPERPAVE SP-12 BASE COURSE AND ASPHALT SURFACE SHALL BE INSTALLED IN STRICT ACCORDANCE TO THE APPROPRIATE FDOT SPECIFICATIONS. AFTER ALL ROAD PATCHES ASSOCIATED WITH THIS PROJECT ARE COMPLETE, CONTRACTOR SHALL MILL AND OVERLAY 1-INCH TYPE FC-5 ASPHALT FOR THE LIMITS SHOWN ON THESE PLANS.
13. BACKFILL AND SUBGRADE SHALL BE INSTALLED IN 12-INCH LIFTS AND COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180-57.
14. TEST LAB, INC. HAS PERFORMED 4 SOIL BORINGS FOR THIS PROJECT. THE GEOTECHNICAL REPORT DATED SEPTEMBER 25, 2007 IS PROVIDED AS A SUPPLEMENT TO THE CONTRACT DOCUMENTS.
15. GEORGE F. YOUNG, INC. HAS PERFORMED VACUUM EXPLORATIONS TO VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF VARIOUS UTILITIES THROUGHOUT THIS PROJECT. A SUMMARY TABLE IS PROVIDED ON THIS SHEET AND THE VH LOCATIONS ARE SHOWN ON THE PLAN/PROFILE SHEETS.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY ROAD CLOSURE AND RIGHT-OF-WAY PERMITS FROM HILLSBOROUGH COUNTY. PERMIT APPLICATIONS ALONG WITH A DETAILED MAINTENANCE OF TRAFFIC (MOT) PLAN WILL HAVE TO BE SUBMITTED TO AMOS CASTILLO (274-6500) FOR EACH AFFECTED ROADWAY. THE MOT(S) SHALL CONFORM TO APPLICABLE FDOT INDEX DRAWING (MOST CURRENT EDITION).
17. CONTRACTOR SHALL PROVIDE PEDESTRIAN DETOURS AND SIGNAGE FOR SECTIONS WHERE THE SIDEWALKS ARE TO BE CLOSED IN ACCORDANCE WITH HILLSBOROUGH COUNTY'S ACCOMMODATION GUIDE, LATEST EDITION. THE DETOURS AND SIGNAGE SHALL BE REFLECTED ON THE MOT PLANS. CONTRACTOR SHALL MINIMIZE THE LENGTH OF SIDEWALKS CLOSED AT ANY GIVEN TIME. ONLY THE SECTION OF SIDEWALK THAT CONTAINS THE PIPE TO BE DIRECTIONAL BORED NEXT SHALL BE CLOSED.
18. CONTRACTOR WILL BE PERMITTED TO CLOSE ONE LANE OF BEARSS AVENUE (AND 22ND STREET FOR THE INTERSECTION WORK). LANE CLOSURES WILL BE RESTRICTED BETWEEN 9 AM - 4 PM AND 9 PM - 5 AM ON WEEKDAYS AND 7 AM - 7 PM ON WEEKENDS. A POLICE OFFICER SHALL BE PROVIDED DURING ALL TRAFFIC CONTROL OPERATIONS. CONTACT HILLSBOROUGH COUNTY SHERIFF'S OFFICE AT 247-8614 FOR SCHEDULING AN OFFICER.
19. AIR RELEASE BOXES SHALL BE INSTALLED IN GRASSED AREAS AND NOT IN PAVEMENT OR SIDEWALKS. FINAL LOCATIONS OF BOXES WILL BE DETERMINED IN THE FIELD.
20. 24-INCH FUSIBLE PVC (DR-25) IN ACCORDANCE WITH AWWA C-905 IS AN APPROVED ALTERNATE PIPE MATERIAL TO THE SPECIFIED AWWA C-906 HDPE PIPE (CONTRACT ITEM 1005.24). PVC PIPE FUSING CAN ONLY BE DONE BY QUALIFIED FUSION TECHNICIANS PROVIDED BY UNDERGROUND SOLUTIONS, INC. OR BY A LICENSEE OF THE FUSION TECHNOLOGY. ALL ASPECTS OF THE PVC PIPE INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH UNDERGROUND SOLUTIONS' TECHNICAL SPECIFICATIONS, LATEST EDITION.
21. THESE PLANS DEPICT THE DESIGN TO DIRECTIONAL BORE HDPE PIPE. CONTRACTOR SHALL SUBMIT A DETAILED PLAN OF ANY MODIFICATIONS NECESSARY TO UTILIZE THE FUSIBLE PVC. MODIFICATIONS OR ADDITIONAL ITEMS REQUIRED TO SUIT THE PVC PIPE SHALL BE PROVIDED AT NO EXTRA COST TO THE CITY.

VACUUM EXCAVATION DATA

Veh #	Station & Offset	Utility	Top El.	Sheet No.
118	10+14, 18' RT	4" PVC FOC	37.20	4
119	10+14, 13' RT	4" PVC BT	39.82	4
122	10+16, 7' RT	4" Gas	35.71	4
121	10+44, 2' LT	8" DIP WM	42.94	4
108	12+38, 8' RT	4" Steel Gas	42.93	4
7	16+16, 6' RT	4" FM	43.76	5
109	17+59 6' RT	4" PVC BT	44.20	5
111	26+53, 7' RT	4" CIP FM	42.07	6
112	26+66, 12' RT	4" PVC FM	42.25	6
117	29+42, 8' RT	4" PVC BT	41.70	7
113	33+49, 11' LT	4" PVC BT	40.11	7
107	34+15, 9' RT	FOC	41.74	7
114	36+24, 10' RT	4" PVC BT	42.13	8/9
115	36+24, 7' RT	4" PVC BT	42.87	8/9
116	36+80, 20' RT	4" PVC BT	42.53	8/9
106	38+25, 6' RT	4" PVC WM	45.12	8/9
105	40+79, 5' RT	6" Steel Gas	41.99	10/11
104	41+30, 2' RT	2" PVC Traffic Signal	46.35	10/11
103	42+96, 114' LT	36" WM	35.00	10/11
101	44+02, 11' RT	54" WM	32.90	10/11
102	44+20, 9' RT	36" WM	33.71	10/11
201	45+17, 10' RT	54" RCP WM	35.01	10/11

JACINTO CARLOS FERRAS, P.E. #49454  
 DESIGN DIVISION HEAD  
 WASTEWATER DEPARTMENT

No.	DATE	REVISIONS
3		
2	5/22/08	Revised Notes 8 and 18; added Notes 20 and 21.

DES: JF  
 DRN: RS  
 CKD: JF  
 DATE: 5/21/08

CITY of TAMPA  
 WASTEWATER DEPARTMENT

BRUCE B. DOWNS RELIEF FORCE MAIN  
 • GENERAL NOTES •  
 W.O. 4009  
 SHEET  
**3**  
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