

ADDENDUM NO. 1

CITY OF BUNKER HILL VILLAGE

SURFACE WATER SUPPLY LINE TO CITY OF BUNKER HILL VILLAGE WATER PLANT NO. 2 AND  
MODIFICATIONS TO WATER PLANT NO. 1

JOB NO. 200-011, CONTRACT NO. 1

**Specifications:**

1. Please find attached a copy of the Geotechnical Engineer's Boring Log located at southwest corner of Water Plant No. 2.
2. Please find attached Minutes of Meeting of Prebid Conference held on January 11, 2010.

*Michael J. Helfrich, Jr.*



1/13/10

# LOG OF BORING NO. B-1

Sheet 1 of 1



**Geotech Engineering and Testing**  
 800 Victoria Drive  
 Houston, Texas 77040  
 Phone: 713-699-4000 Fax: 713-699-9200

**PROJECT:** City of Bunker Hill Village Waterline Directional Bore  
**LOCATION:** City of Bunker Hill Village, Texas  
**PROJECT NO.:** 10-003E **STATION NO.:**  
**DATE:** 1-6-10 **COMPLETION DEPTH:** 20.0 ft.

DEPTH, ft	SPT N-VALUE blows per foot	OVM, ppm	SYMBOL SAMPLES	DESCRIPTION	NATURAL MOISTURE CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX, %	PERCENT PASSING NO. 200 SIEVE	SUCTION (pF)	DRY UNIT WEIGHT, pcf	PERCENT COMPACTION	PASSING/FAILING (P/F)	UNDRAINED SHEAR STRENGTH, tsf
0				ELEVATION: Existing Grade										
				FILL: SILTY SAND (SM), light gray, brown, dark brown, with root fibers, gravels, clay pockets, moist										
				LEAN CLAY (CL), soft, brown, dark brown, with root fibers to 6', ferrous nodules, sands, moist	24	32	16	16						▲
5				- gray 4' to 6' - stiff 4' to 8'										▲
				- light brown 6' to 10'										▲
				- very stiff 8' to 10'	14	25	15	10						▲
10														
				SILTY SAND (SM), brown, moist										
15														
				FAT CLAY (CH), stiff, gray, reddish brown, with ferrous nodules, moist										▲
20														▲
25														
30														

**WATER OBSERVATIONS:**  
 NO FREE WATER ENCOUNTERED DURING DRILLING

**DRY AUGER:** 0 TO 20 ft.  
**WET ROTARY:** \_\_\_\_\_ TO \_\_\_\_\_ ft.

**DRILLED BY:** GET (P)  
**LOGGED BY:** Sam

OVM2 10-003E.GPJ OVM.GDT 1/13/10

## City of Bunker Hill Village

### Pre-Bid Meeting Meeting Minutes

#### Surface Water Supply Line to City of Bunker Hill Village Water Plant No. 2 and Modifications to Water Plant No. 1

LEI Job No. 200-011, Contract No. 1

Place: City of Bunker Hill Village  
11977 Memorial Drive  
Houston, TX 77024

January 11, 2010  
Time: 2:00 p.m.

1. Sign-In Sheet – This Pre-Bid Meeting is mandatory. All Contractors submitting bids must sign the Sign-In Sheet.
2. Sale of bid sets – available for \$40 ea
3. Bid Opening – Friday, 1/15/10 (Bids will be read at 10 a.m.) at Bunker Hill City Hall
4. Anticipated Award Date – Tuesday, 1/19/10 (*Council Meeting is in the evening*)
5. Anticipated Notice to Proceed – Tuesday, 2/2/10, pending TCEQ approval of the contract documents (90-day hold of bids)
6. Contract Duration – 120 calendar days (Anticipated Completion Date on or before 6/29/10)
7. Bidder Qualifications – Financial Statement, Proposed Sub-Contractors, Ongoing Projects, Previous Experience, Equipment Lists, & Authority to conduct business in TX
8. Testing Lab – to be chosen by the City (*The City will pay for lab services. Contractor must give the lab 48 hours notice before lab samples need to be taken.*)
9. Survey – No on-site benchmarks have been established. Contractor to supply per contract documents.
10. Examination of Site – A short site visit will be conducted after this meeting
11. Site Security – to be maintained at all times (including fence replacement)
12. Geotechnical – borings have been taken and a report is in progress
13. Bid Security – Bid Bond in the amount of 5% of the total bid amount, executed by a Principal of the firm submitting bid, Surety Company residing in and licensed in TX
14. Construction Observation/Inspection – the directional bore has many interested parties (City of Houston)
15. Insurance – required for all subcontractors

16. Work Hours – both water plants are adjacent to residential developments (*work late into the evenings will need to be requested in advance so the City can inform residents by letter. Police tickets are \$2000 each!*)
17. Harris County Flood Control District signed a paper set of plans (no Harris County Express Review Sheet in plans). A permit may be required on the directional bore under the Flood Control Ditch
18. City of Houston Meter Shop must approve the meter and communications installation in Water Plant No. 2 Surface Water Meter Run
19. Any addenda issued must be acknowledged by the Contractor PRIOR to the bid opening
20. Pay Estimates are due at the end of the month (to the Engineer). Regular City meetings are the 3<sup>rd</sup> Tuesday of the month (approx. 3 wk lag in payments).
21. *Question and Answer Session:*
  - *What is the Engineer's Estimate? \$475,000*
  - *How will relations with residents be handled when the drilling rigs are in their front yards? The City has already informed the residents that this project is under way.*
  - *An as-built survey of the directional bore will be required for possible future channel depth changes (HCFCD Unit W151-00-000)*
  - *Daily Inspections will be performed. Inspection Reports will be signed by the Inspector and the Contractor.*
  - *Eligible bidders include Calco, Cravens, Elliott Enterprises, RWL, Kingsley, BorTunCo, Huff & Mitchell, WW Payton, & Pace (all signed the sign-in sheet)*
  - *The City will make all service connections to the new 6" main in Stoney Creek Dr*
  - *The SCADA programming is NOT part of this project*
  - *Telephone service for reading the City of Houston meter will be required at Water Plant No. 2 (a telephone line already exists in the control room for the City of Bunker Hill Village's SCADA system)*
  - *The City of Bunker Hill Village operates the water plants – any coordination for access, operation of valves for isolation, etc. will need to go through the City's Operator, Gama Ascamilla*
  - *Extra fence may be added to the project depending on the winning bid amount (at Water Plant No. 2)*