

ADDENDUM NO. 1

TO
THE CONTRACT DOCUMENTS
FOR THE HERNANDO COUNTY UTILITIES DEPARTMENT
THE ELDRIDGE WELL REPLACEMENT PROJECT
IN

HERNANDO COUNTY, FLORIDA

SOLICITATION NO. 10-0033

BID DATE: Wednesday, February 17, 2010 at 3:00 p.m.

NOTICE

BIDDERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF
THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF
THIS ADDENDUM IN THE SPACES PROVIDED AND
RETURNED AT THE TIME OF THE BID DATE.

To All Bidders:

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated January 2010 with amendments and additions noted below. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

Changes to the Project Bid Specifications

Section VI – Bid Proposal, page VI-3

1. Delete Bid Schedule in its entirety and replace with new Bid Schedule attached. Bid item No. 11, Develop Well, has been changed from 8 to 40 hours.
2. County will pay any building permit fees applicable for project and for all construction water. Contractor will need to pay deposit for construction meter and will be refunded when meter assembly is returned.
3. Attached marked up site plan of the Eldridge Water Treatment Plant site shows in red the approximate location of the replacement well and also the area for burial of the well drilling mud spoil on site.
4. Old well logs for wells no. 26 and 22 are attached.
5. Budget estimate for project is \$175,000.
6. A53/B or API 5L/B grade steel is acceptable for the 16" steel casing.
7. VI-15, Maintenance of Traffic Plan and VI-16 Storm Water Pollution Plan is not applicable.
8. County will construct concrete pad around replacement well.

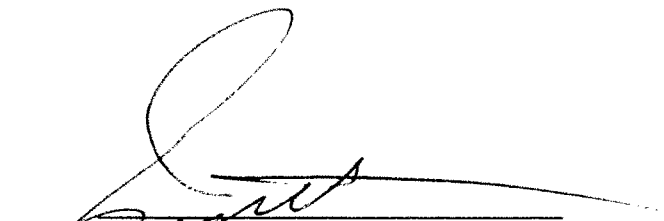
9. Since the borhole is drilled in advance of the casing during the Combination/Rotary drilling method, the casing will not meet refusal above the 153 foot mark.
10. There is no additional exposure beyond the stated liquidated damages for delay in the project.
11. Notice to Proceed date is approximatley April 5, 2010.
12. This project is not funded through State Revolving Fund (SRF) or thru ARRA.
13. No easements are necessary for project.
14. The reference for a design capacity of 2000 gpm is not included as a guarantee from the well contractor that the well will produce that quantity.
15. The only permits the Contractor will need to obatin are the well construction permits for construction of the replacement well and abandonment of the two existing wells.
16. The County will provide utility locates since the project is located within County property boundary. Contractor to coordinate utility locate.
17. Water from the well development test can be discharged in the existing drainage retention area located approximately 300 feet to the east of the well site. Contractor shall be responsible for furnishing temporary piping and/or hoses to discharge water directly into the drainage retention area.
18. There are no licensing requirements from the Hernando County Building Department for this project.

ACKNOWLEDGMENT

By: _____
Vendor Authorized Signature

Printed Name & Title

Vendor Company Name



James D. Gantt, C.P.M., CPPO
Director, Purchasing & Contracts

Issued:

NOTE: The Contractor has the choice of two methods (Option A - Rotary Drilling or Option B - Combination Rotary Drilling). Base bid is to be determined from one option only.

OPTION – A (REVISED as of per Addendum #1)

BID SCHEDULE FOR ROTARY DRILLING

A. Eldridge Replacement Production Well

Item	Description	Quantity	Unit	Unit Cost	Amount
1	Drill 30-inch borehole	40	LF		
2	Provide and install 24-inch steel casing	41	LF		
3	Grout 24-inch casing	120	CF		
4	Drill 23-inch borehole	110	LF		
5	Provide and install 16-inch steel casing	153	LF		
6	Grout 16-inch casing	300	CF		
7	Drill 8-inch diameter pilot hole	350	LF		
8	Ream open borehole	350	LF		
9	Perform Borehole Geophysical Logging	1	LS		
10	Provide test pump and discharge line for well development and testing	1	LS		
11	Develop Well	40	HRS		
12	Perform Step-Drawdown Test	8	HRS		
13	Water Quality Analyses (refer to Sections 3.02 and 3.06)	1	LS		
Total For One Well: \$					

OPTION - B

BID SCHEDULE FOR COMBINATION-ROTARY DRILLING

A. Eldridge Replacement Production Wells

Item	Description	Quantity	Unit	Unit Cost	Amount
1	Provide and install 16-inch steel casing	153	LF		
2	Grout 16-inch casing	18	CF		
3	Drill 8-inch diameter pilot hole	350	LF		
4	Ream open borehole	350	LF		
5	Perform Borehole Geophysical Logging	1	LS		
6	Provide test pump and discharge line for well development and testing	1	LS		
7	Develop Well	8	HRS		
8	Perform Step-Drawdown Test	8	HRS		
9	Water Quality Analyses (refer to Sections 3.02 and 3.06)	1	LS		
Total For One Well: \$					

BID SCHEDULE FOR ABANDONMENT OF EXISTING WELLS

A. Well EL-2

Item	Description	Quantity	Unit	Unit Cost	Amount
1	Plug connection to aquifer	1	LS		
2	Grout pump column and annular space	80	CF		
3	Cut off upper 2 feet of well casing and pump column / backfill hole	1	LS		
Total For One Well: \$					

B. Well EL-3

Item	Description	Quantity	Unit	Unit Cost	Amount
1	Remove production pump	1	LS		
2	Perform caliper log	1	LS		
3a	Backfill with neat cement grout	600	CF		
3b	Bridge transmissive zones with gravel	150	CF		
4	Cut off upper 2 feet of well casing and pump column / backfill hole	1	LS		
Total For One Well: \$					

NOTE: The Contractor has the choice of using either Option A - Rotary Drilling or Option B - Combination Rotary Drilling. Bid Tabulation is to be based on Option A or Option B.

Well #22

Form No. 25-18-5/83

Please complete in black ink or type

WELL COMPLETION REPORT

Owner's Name Spring Hill Utilities #22
 Permit Number: 4287656-15
 X Ronald W. Smith 5-22-87
 Water Well Contractor's Signature Completion Date
 License No. 1958

DRILL METHOD

Rotary Cable Tool Jet Auger Other _____
 Measured Static Water Level _____ + X 17' Ft.
 Measured Pumping Water Level _____ + X 25' Ft.
 After 3 Hours At 1400 G.P.M.
 Measuring Pt. (Describe): Top Casing
 Which is 2 Ft. Above Below Land Surface

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Ft.)	To (Ft.)
Steel	16"	0'	20'
Steel	12"	0'	125'
--- Next Cement- No. of Bags ---			
19 bags		0'	20'
6 bags		120'	125'

IRON: _____ ppm SULFATES: _____ ppm CHLORIDES: _____ ppm
 FINISH: Screen: _____ (Ft.) Open Hole: _____ (Ft.)

WELL LOCATION

____ X ____ X ____ % of Section 25

Township	(N-S)	Range	(E-W)	Locate in Section
<u>29</u>		<u>12</u>		
Latitude	Deg.	Min.	Sec.	Optional may be required
Longitude				

Depth (Ft.)		Examine cuttings at 20 ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.
From	To	
0	20	Sand
20	40	Very sandy clay
40	50	Clay gray sandy
50	70	Lime soft
70	80	Lime med.
80	95	Lime
95	107	Lime med.
107	127	Lime med. hard
127	133	Lime very hard
132	135	Lime stone gray clay
135	170	Lime white
170	260	Lime med.
260	380	Lime hard
380	400	Lime med.
400	424	Lime hard
424	430	Hole

Driller's Name Paul C. Pope Jr. & Walter Hester

115

W. W. W.
#26

Please complete in black ink or type
WELL COMPLETION REPORT
 Owner's Name SPRINGHILL UTILITIES
 Permit Number: 447893
 X Donald W. Givich 5-18-88
 Water Well Contractor's Signature Completion Date
 License No. 1958

SURFACE CASING, CASING AND LINER MATERIAL:

Type	Diam. (In.)	From (Ft.)	To (Ft.)
STEEL	16	0	20
STEEL	12	0	105

Net Cement: No. of Bags	From (Ft.)	To (Ft.)
12 SACKS	0	20
8 SACKS	95	105

IRON: _____ ppm SULFATES: _____ ppm CHLORIDES: _____ ppm
 FINISH: Screen: _____ (FL) Open Hole: 375 (FL)

WELL LOCATION

1/2 x 2 1/2 % of Section 20

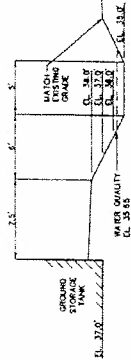
Township (N-S)	<u>5</u>	Range (E-W)	<u>2</u>
Latitude	_____ Deg.	_____ Min.	_____ Sec.
Longitude	_____ W	_____ N	_____ E

Optional may be required

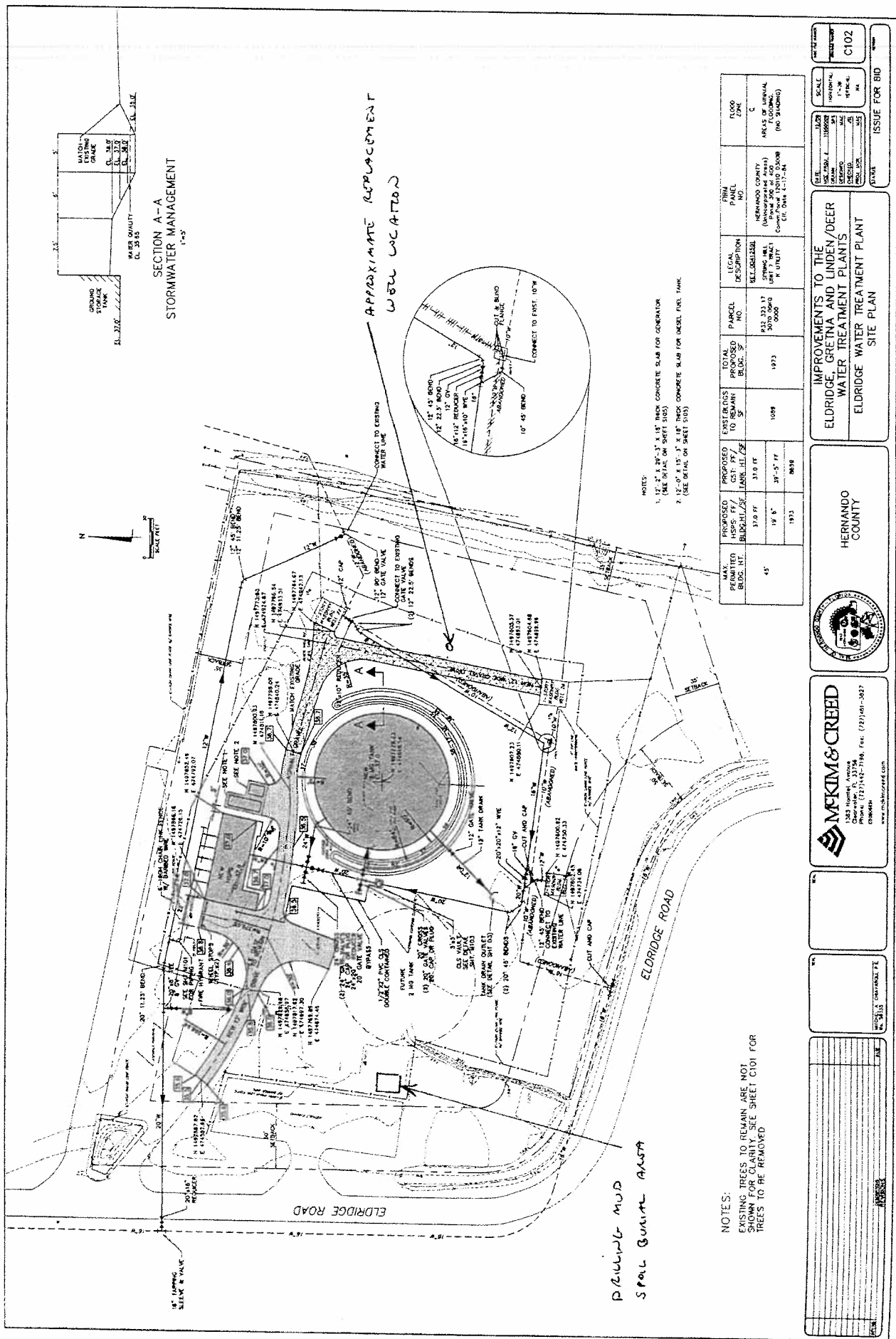
DRILL METHOD
 Rotary Cable Tool Jet Auger Other
 Measured Static Water Level _____ + X _____ 19 Ft.
 Measured Pumping Water Level _____ + X _____ 24 Ft.
 After _____ Hours At _____ G.P.M.
 Measuring Pt. (Describe): TOP of 12" CASING
 Which is 1.5 Ft. Above Below Land Surface

Depth (Ft.)	Examine cuttings at 20 ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.	
	6 in.	1 ft.
0-10	SAND	
10-15	YELLOW SAND & CLAY	
15-27	Blue Clay	
27-48	Med. White lims	
48-101	Med. TAN lims	
101-115	Firm Dry Tan Lim	
115-135	Firm Tan lims (GATHER)	
135-210	Hard Tan Lim	
210-270	Med. Hard TAN Lim	
270-298	Hard White lims	
298-318	Hard TAN lims	
318-328	Med. Hard TAN lims	
328-578	Med. Hard lims	
578-418	Hard TAN Lim	
418-440	Hard Dark Brown Lim	
440-480	Soft Average Graining TAN Lim	

Driller's Name: B. ALDRID



SECTION A-A
STORMWATER MANAGEMENT



APPROXIMATE REPLACEMENT
WELL LOCATIONS

PULLING MUD
SPAL QUINAL ANSA

- NOTES:
1. 12" x 12" x 30" x 18" THICK CONCRETE SLAB FOR GENERATOR (SEE DETAIL ON SHEET 5105)
 2. 12" x 12" x 15" x 18" THICK CONCRETE SLAB FOR WALK AND TANK.

MAX. PERMITTED BUDS. INT.	PROPOSED BUDGET/AC	PROPOSED HSPS. FT/AC	EXISTING BUDS. TO REMAIN	TOTAL PROPOSED BUDS.	PARCEL NO.	LEGAL DESCRIPTION	PRIN. PANEL NO.	FLOOD ZONE
45	37.0 FT	37.0 FT	1089	1973	105 131 13 2070 0000	HERNANDO COUNTY (Unincorporated Areas) Spring Hill Community Solid Waste Utility (C/O DATE 1-11-04)		C
	19 5'	39'-5" FF		1973				

DATE	SCALE	ISSUE FOR BID
05/20/04	1" = 10'	NO
06/01/04	1" = 10'	NO
06/15/04	1" = 10'	NO
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