



MANATEE COUNTY FLORIDA

February 16, 2011

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 11-0498-DS 2011 Lift Station Rehab Group 1**

ADDENDUM # 1

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The deadline for clarification of questions was **February 11, 2011 at 2:00 pm.** This deadline had been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve. Questions received after this date and time shall not be considered.

A public records request was made for the engineer's estimate for this project.

1. **Attached is a copy of the engineer's estimate letter (1) page dated February 11, 2011. It is important to note that Manatee County Government is currently receiving competitive bids which are up to 50% lower than engineer's estimates. (1 page)**

The responses to the submitted questions have been provided by Mr. Shea Shoun, Project Engineer, Manatee County Government.

1. Attachment: Memorandum dated February 11, 2011 (3 pages)
Subject of Attachment: Responses to submitted questions.
2. Attachment: Manatee County revised planset dated February 9, 2011, the attached planset drawings for LWR Re-Pump revised plan 02092011(sheet 7 of 10) and Rosedale Highlands 1(sheet 4 of 10) revised plan supersedes the other plan sheets previously issued for this solicitation and must be used in formulating your bid response to this Invitation For Bid (2 sheets)
Rosedale: In the revision notes on side of drawing it states gate valves & fitting to be reused.
Lakewood Ranch: In the revision notes on side of drawing states remove spray on liner label, new liner not proposed.

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-749-3045 * FAX: 941-749-3034
www.myanatee.org

Page 2
February 16, 2011
Invitation for Bid # 11-0498-DS
2011 Lift Station Rehab Group 1
ADDENDUM # 1

Bidders: The Bid Forms for Rosedale Highlands 1, Quail Run, Eagles Nest and Edgewater Village attached to this Addendum # 1 (Bid "A" 12 pages and Bid "B" 12 pages) (Total 24 pages for bid forms) supersede all other Bid Forms for these locations, issued for this solicitation and must be used in submission of your bid in response to this Invitation For Bid.

Summation:

Rosedale: deleted line # 21. No new ductile iron fittings proposed on the plans. Plan sheet was revised.

Quail Run: added line # 18. New valve vault drain not on original bid form, but shown on plans.

Eagle's Nest: added line # 18, revised line # 19 quantity (from 2 to 3). New valve vault drain not on original bid form, but shown on plans. New gate valves were miscounted.

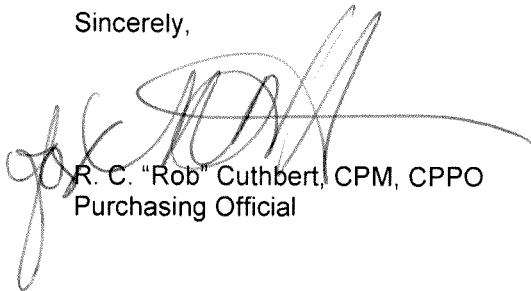
Edgewater: added line #12, 18, & 21 revised line # 17 quantity (from 12 to 4). New vent valve vault drain & DI fittings not on original bid form, but shown on plans.

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM # 1

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 is until 3:00 pm on February 23, 2011.

Sincerely,



R. C. "Rob" Cuthbert, CPM, CPPO
Purchasing Official

/ds

Attachment (30 pages)

- (1 page revised Engineer's Estimate)
- (24 pages revised bid forms)
- (3 pages Department Memorandum response)
- (2 pages revised plans-LWR Re-pump & Rosedale Highlands)

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-749-3045 * FAX: 941-749-3034
www.myanatee.org



MANATEE COUNTY FLORIDA

Date: February 11, 2011
To: All Bidders
Subject: FY 2011 Lift Station Rehabilitation - Group 1
Project No.: 402.0019707

The total "construction cost estimate" for the five (5) aforementioned FY 2011 Lift Station Rehabilitation - Group 1 project is \$408,042, four hundred and eight thousand forty two dollars.

This construction cost estimate was determined on February 11, 2011. The construction cost estimate is based on the original specifications and drawings issued. Changes to the specifications subsequent to the original documents by addenda to this bid may not be accounted in this construction cost estimate.

Sincerely,

J. Shea Shoun, P.E.
Project Engineer

Public Works Department/Engineering Services
Mailing Address: P. O. Box 1000, Bradenton, FL 34206-1000
Street Address: 1022 26th Ave. E., Bradenton, FL 34208
WEB: www.myanatee.org * PHONE: 941.708-7450 * FAX: 941.708-7431

LARRY BUSTLE * MICHAEL GALLEN * JOHN R. CHAPPIE * ROBIN DISABATINO * DONNA G. HAYES * CAROL WHITMORE * JOE McCLASH
District 1 *District 2* *District 3* *District 4* *District 5* *District 6* *District 7*

MEMORANDUM



Public Works Department
1022 26th Avenue East
Bradenton, FL 34208

MANATEE COUNTY
FLORIDA

Phone: 941.708-7450
Fax: 941.708-7431
www.manateecounty.org

To: Sal Bordonaro, Project Manager

From: J. Shea Shoun, PE

Date: February 11, 2011

Subject: IFB# 11-0498-DS---2011 Lift Station Rehab Group 1 - Response to Bidders' Questions

A handwritten signature in black ink, appearing to read "J. Shea Shoun".

Responses to bidder questions regarding this project are as follows:

Questions received from W.E.S., Inc. - January 21, 2011

Rosedale Highlands 1:

1. **Question:** Is there an existing liner and what type in wet well?
Response: Yes, HDPE.
2. **Question:** What is the average daily flow rate in G.P.M.?
Response: 150 gpm

Quail Run:

1. **Question:** Sheet 5 of 10 on plans refers to new spray liner. What spray liner is approved?
Response: Please see Sec 09970, 2.02.A of the specification.
2. **Question:** Is there an existing liner and what type in wet well?
Response: No.
3. **Question:** Install floor drain not on bid form, is this a mistake?
Response: No, the plans are correct. Please include a new floor drain in conformance with current Manatee County Public Works Utility Standards within the bid. Bid Item #18.
4. **Question:** What is the average daily flow rate in G.P.M.?
Response: 170 gpm.

Eagles Nest:

1. **Question:** Item 21 on bid form is "ductile iron fittings" plan says 90, cross, pipe, and plug valve to remain, is this a mistake?
Response: No, the 4" quick connect, 4" 90 bend, & 4" gate valve are to be replaced.
2. **Question:** Item 8 and 25 raise existing walls, what method is approved, and what is the existing thickness of the walls of wet well and valve vault?
Response: Precast Type II Reinforced Concrete barrel/section or formed and cast-in-place. The typical wall thickness for a 6 ft diameter wet well is 8" and 6" for a typical valve vault. However, the awarded bidder will need to verify all dimensions prior to ordering any materials.
3. **Question:** Install floor drain not on bid form, is this a mistake?
Response: No, the plans are correct. Please include a new floor drain per current Manatee County Public Works Utility Standards within the bid. Bid Item #18.

4. **Question:** Is there an existing liner and what type in wet well?
Response: No.

5. **Question:** What is the average daily flow rate G.P.M.?
Response: 200 gpm.

Lakewood Ranch:

1. **Question:** Is there an existing liner and what type in wet well?
Response: Yes, HDPE

2. **Question:** What is the average daily flow rate in G.P.M.?
Response: 1,224 gpm

Edgewater:

1. **Question:** Sheet 8 of 10 on plans refers to clean and re-caulk the gaps, what type of caulk is approved for use?

Response: The intent is to have the wet well sealed to be water-tight inside and out. Then a fiberglass liner installed over-top of the existing riser ring that will overlap the existing fiberglass liner and the new top liner by a min. of one foot. The new fiber glass liner shall be installed as required to be flush with the existing fiberglass liner and eliminate any "ledges". The awarded bidder may use any materials recommended by the liner manufacturers applicable for lift station use.

2. **Question:** The same note says to apply fiberglass over repaired seal, can this be welded instead of fiberglass?

Response: No. Cannot weld fiberglass.

3. **Question:** Is there an existing liner and what type in wet well?
Response: Yes, fiberglass.

4. **Question:** Sheet 8 of 10 says to install 2 90 bends and cross, ductile iron fittings not on bid form, is this a mistake?

Response: The plans are correct. Please include new ductile iron fittings in the bid, 250 lbs, Bid Item #21 has been added.

5. **Question:** What is the average flow rate in G.P.M.?
Response: 300 gpm

Please note: The plans call for a new floor drain from the valve vault. Please include a bid for Bid Item #18 on Edge water to install a floor drain from the valve vault.

Pump Base Ell Mounting Plate

1. **Question:** Sheet 9 of 10 mounting plate detail shows dimension for length of stud to mount base ell to the plate, but there is no dimension for length of threaded rod to anchor plate to the floor? What is that dimension?

Response: The depth is determined by the length of the 3/4" Hilti epoxy anchor capsule. The threaded rod has to be that long plus 3/4" for the plate and 2" above the plate for the nuts and washers.

Questions received from Seavy Associates, Inc. - February 8, 2011

1. **Question:** Who is responsible for moving/relocating the odor control unit? Will it be the contractor or the County?

Response: The plans do not call for an odor control unit to be moved.

Questions received from TLC Diversified, Inc. - February 8, 2011

1. **Question:** On the drawing for the Rosedale Highlands Lift Station there are notes which indicate that the 4" gate valves in the vault, along with the existing 90 and Quick-Connect, are to be reused. However, the measurement and payment section relating to the valves specifically states that the contractor is to furnish and install the valves. This lift station is the only one that says to "reuse" the existing valves and I have a feeling this may be a typo on the drawings. Please advise.

Response: The plan sheet has been revised. The existing gate valves, quick connect, and fittings inside the valve vault shall remain and be reused or re-installed back into the valve vault. The bidders shall include their cost for removal and installation of the existing gate valves, quick connect, and fittings inside the valve vault under the Miscellaneous Work Bid Item # 37.

Questions received from TLC Diversified, Inc. - February 9, 2011

1. **Question:** On the drawing for the Lakewood Ranch Repump Lift Station there is a note that says, "New Spray-On Liner" and an arrow pointing at the LS. On the legend it does not call for coatings and the bid form does not allow for coatings either. I assume this station does not get coated. Please advise.

Response: A new liner is not proposed for this project. The wet well already has a HDPE liner.

2. **Question:** On the Bid Form for the Edgewater Lift Station there is not a bid item #21 for DIP Fittings. However, the drawings call for new DIP fittings. Please advise as to whether fittings are needed or not.

Response: The plans are correct. Please include new ductile iron fittings in the bid, 250 lbs under Bid Item #21.

Questions received from TLC Diversified, Inc. - February 10, 2011

1. **Question:** The Quail Run Lift Station drawing calls for a new 3" drain from the vault to wet well but the bid form does not have a bid item for this.

Response: The bid form has been revised to include this bid item, #18.

Questions received from Stickler Brothers, Inc. - February 11, 2011

1. **Question:** I have a question regarding L.S. Rehab Group 1 RTU 629. The plans say to apply fiberglass over repaired seal (approx 75 S.F.) The bid item says FRP liner 12 V.F. At our field visit we found the wet well to be about 27' deep with about 1 V.F. at the top that may be in need of repair. Can you please clarify?

Response: The approx. quantity for bid item #17 should read "4" vertical feet (approx. 75 sq. ft.) The intent is to have the wet well sealed to be water-tight inside and out and cover the existing riser ring with fiberglass. A fiberglass liner shall be installed over-top of the existing riser ring that will overlap the existing fiberglass liner and the new top liner by a min. of one foot. The new fiberglass liner shall be installed as required to be flush with the existing fiberglass liner and eliminate any "ledges". The awarded bidder may use any materials recommended by the liner manufacturers applicable for lift station use.

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Rosedale Highlands 1 (RTU 387) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S7/T35S/R19E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	453	\$	\$
2	4" DR-11 HDPE Piping	LF	45	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	3	\$	\$
8	<i>Intentionally Left Blank</i>				
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	<i>Intentionally Left Blank</i>				
13	2 Inch S.S. Pump Guide Rail System	LF	42	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	5	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Rosedale Highlands 1 (RTU 387) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S7/T35S/R19E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	<i>Intentionally Left Blank</i>				
16	<i>Intentionally Left Blank</i>				
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT)	EA	1	\$	\$
19	4" Flanged Gate Valve	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	<i>Intentionally Left Blank</i> ADDENDUM # 1				
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	Re-install Ex. Valve Vault (fill/compact base below V V)	EA	1	\$	\$
25	<i>Intentionally Left Blank</i>				
26	<i>Intentionally Left Blank</i>				
27	4" PVC Pipe (C900) (cross/tee to plug valve)	LF	6	\$	\$
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

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SECTION/TWNSHP/RANGE: S7/T35S/R19E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	<i>Intentionally Left Blank</i>				
31	Relocate Ex. Hose Bib	LS	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 5,200.00
	Total Construction Cost				\$
TOTAL BID PRICE "A" Based On Completion Time of <u>320</u> Calendar Days ADDENDUM # 1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS

ADDENDUM # 1

PROJECT NAME: Rosedale Highlands 1 (RTU 387) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S7/T35S/R19E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	453	\$	\$
2	4" DR-11 HDPE Piping	LF	45	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	3	\$	\$
8	<i>Intentionally Left Blank</i>				
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	<i>Intentionally Left Blank</i>				
13	2 Inch S.S. Pump Guide Rail System	LF	42	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	5	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"**IFB# 11-0498-DS****ADDENDUM # 1**

PROJECT NAME: Rosedale Highlands 1 (RTU 387) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S7/T35S/R19E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	<i>Intentionally Left Blank</i>				
16	<i>Intentionally Left Blank</i>				
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT)	EA	1	\$	\$
19	4" Flanged Gate Valve	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	<i>Intentionally Left Blank</i> ADDENDUM # 1				
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	Re-install Ex. Valve Vault (fill/compact base below V V)	EA	1	\$	\$
25	<i>Intentionally Left Blank</i>				
26	<i>Intentionally Left Blank</i>				
27	4" PVC Pipe (C900) (cross/tee to plug valve)	LF	6	\$	\$
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS

ADDENDUM # 1

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PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	<i>Intentionally Left Blank</i>				
31	Relocate Ex. Hose Bib	LS	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 5,200.00
	Total Construction Cost				\$
TOTAL BID PRICE "B" Based On Completion Time of 270 Calendar Days ADDENDUM # 1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Quail Run (RTU 479) LS Rehab.
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	644	\$	\$
2	4" DR-11 HDPE Piping	LF	47	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 8' Duplex	EA	3	\$	\$
8	<i>Intentionally Left Blank</i>				
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	<i>Intentionally Left Blank</i>				
13	2 Inch S.S. Pump Guide Rail System	LF	44	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	4	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

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BID FORM
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ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	<i>Intentionally Left Blank</i>				
16	Spray Liner	SF	644	\$	\$
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	4" Flanged Gate Valve	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings	LB	225	\$	\$
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	<i>Intentionally Left Blank</i>				
25	<i>Intentionally Left Blank</i>				
26	<i>Intentionally Left Blank</i>				
27	<i>Intentionally Left Blank</i>				
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
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Section 00300

BID "A"

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ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	Water Service	LF	6	\$	\$
31	Backflow Preventer w/Hose Bib	EA	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 6,700.00
	Total Construction Cost				\$
TOTAL BID PRICE "A" Based On Completion Time of <u>320</u> Calendar Days ADDENDUM #1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

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ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	644	\$	\$
2	4" DR-11 HDPE Piping	LF	47	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 8' Duplex	EA	3	\$	\$
8	<i>Intentionally Left Blank</i>				
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	<i>Intentionally Left Blank</i>				
13	2 Inch S.S. Pump Guide Rail System	LF	44	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	4	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Quail Run (RTU 479) LS Rehab.
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	<i>Intentionally Left Blank</i>				
16	Spray Liner	SF	644	\$	\$
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	4" Flanged Gate Valve	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings	LB	225	\$	\$
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	<i>Intentionally Left Blank</i>				
25	<i>Intentionally Left Blank</i>				
26	<i>Intentionally Left Blank</i>				
27	<i>Intentionally Left Blank</i>				
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Quail Run (RTU 479) LS Rehab.
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	Water Service	LF	6	\$	\$
31	Backflow Preventer w/Hose Bib	EA	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 6,700.00
	Total Construction Cost				\$
TOTAL BID PRICE "B" Based On Completion Time of 270 Calendar Days ADDENDUM #1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	443	\$	\$
2	4" DR-11 HDPE Piping	LF	44	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	3	\$	\$
8	Raise Existing Wet Well Rim, (4")	VF	0.33	\$	\$
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	6" PVC Wet Well Vent	EA	1	\$	\$
13	2 Inch S.S. Pump Guide Rail System	LF	41	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	4	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station

PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	Surface prep, rust preventer paint & coal tar expoxy	SF	443	\$	\$
16	<i>Intentionally Left Blank</i>				
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	4" Flanged Gate Valve ADDENDUM # 1	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings	LB	45	\$	\$
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	4	\$	\$
24	<i>Intentionally Left Blank</i>				
25	Raise Valve Vault Rim, (4")	VF	0.33	\$	\$
26	Install Conc. Valve Pad (Ex. Plug Valve)	EA	1	\$	\$
27	<i>Intentionally Left Blank</i>				
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station

PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	5	\$	\$
30	Water Service	LF	6	\$	\$
31	Relocate Ex. Backflow Preventer w/Hose Bib	EA	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	BODPAVE 85™ Porous Pavers (installed)	SF	580	\$	\$
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 5,300.00
	Total Construction Cost				\$
TOTAL BID PRICE "A" Based On Completion Time of 320 Calendar Days ADDENDUM #1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	443	\$	\$
2	4" DR-11 HDPE Piping	LF	44	\$	\$
3	4" HDPE Flange Adapters	EA	4	\$	\$
4	4" HDPE Fittings	LB	6	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	3	\$	\$
8	Raise Existing Wet Well Rim, (4")	VF	0.33	\$	\$
9	<i>Intentionally Left Blank</i>				
10	<i>Intentionally Left Blank</i>				
11	<i>Intentionally Left Blank</i>				
12	6" PVC Wet Well Vent	EA	1	\$	\$
13	2 Inch S.S. Pump Guide Rail System	LF	41	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (4" FM)	EA	4	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

(Submit in Triplicate)

Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	Surface prep, rust preventer paint & coal tar expoxy	SF	443	\$	\$
16	<i>Intentionally Left Blank</i>				
17	<i>Intentionally Left Blank</i>				
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	4" Flanged Gate Valve ADDENDUM # 1	EA	3	\$	\$
20	4" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings	LB	45	\$	\$
22	4" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	4	\$	\$
24	<i>Intentionally Left Blank</i>				
25	Raise Valve Vault Rim, (4")	VF	0.33	\$	\$
26	Install Conc. Valve Pad (Ex. Plug Valve)	EA	1	\$	\$
27	<i>Intentionally Left Blank</i>				
28	8" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM # 1

PROJECT NAME: Eagles Nest (RTU499) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S28/T35S/R18E
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION						
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE	
29	By-Pass Pumping <500 gpm	DAY	5	\$	\$	
30	Water Service	LF	6	\$	\$	
31	Relocate Ex. Backflow Preventer w/Hose Bib	EA	1	\$	\$	
32	Intentionally Left Blank					
33	Intentionally Left Blank					
34	Intentionally Left Blank					
35	BODPAVE 85™ Porous Pavers (installed)	SF	580	\$	\$	
	SubTotal Construction Cost					
						\$
36	Mobilization					\$
37	Miscellaneous Work & Clean Up, Record Drawings					\$
38	Discretionary Work					\$ 5,300.00
	Total Construction Cost	\$				
TOTAL BID PRICE "B" Based On Completion Time of 270 Calendar Days ADDENDUM # 1						

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S32/T35/R19
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	569	\$	\$
2	6" DR-11 HDPE Piping	LF	58	\$	\$
3	6" HDPE Flange Adapters	EA	4	\$	\$
4	6" HDPE Fittings	LB	45	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	4	\$	\$
8	<i>Intentionally Left Blank</i>				
9	Replace Existing Wet Well Top	EA	1	\$	\$
10	Aluminum Hatch Cover (36" x 48" single door)	EA	1	\$	\$
11	<i>Intentionally Left Blank</i>				
12	6" PVC Wet Well Vent ADDENDUM #1	EA	1	\$	\$
13	2 Inch S.S. Pump Guide Rail System	LF	55	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (6" FM)	EA	5	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S32/T35/R19
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	Surface Prep and Paint (rehab. V.V. interior)	EA	1	\$	\$
16	<i>Intentionally Left Blank</i>				
17	Fiberglass (FRP) Liner (6' (FT) dia. W W) ADDENDUM # 1	VF	4	\$	\$
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	6" Flanged Gate Valve	EA	3	\$	\$
20	6" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings ADDENDUM #1	LB	250	\$	\$
22	6" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	<i>Intentionally Left Blank</i>				
25	<i>Intentionally Left Blank</i>				
26	6" Plug Valve	EA	1	\$	\$
27	6" PVC Pipe (C900) (cross/tee to plug valve)	LF	6	\$	\$
28	10" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "A"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
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BID "A" Based on Completion time of 320 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	<i>Intentionally Left Blank</i>				
31	3/4 Inch Backflow Preventer & Hose Bib	EA	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 6,900.00
	Total Construction Cost				\$
TOTAL BID PRICE "A" Based On Completion Time of 320 Calendar Days ADDENDUM #1					

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "A"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S32/T35/R19
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
1	Wetwell Cleaning	SF	569	\$	\$
2	6" DR-11 HDPE Piping	LF	58	\$	\$
3	6" HDPE Flange Adapters	EA	4	\$	\$
4	6" HDPE Fittings	LB	45	\$	\$
5	4" BPIU-14 Base Ells	EA	2	\$	\$
6	4" Base Ell Mounting Plate	EA	2	\$	\$
7	S.S. Pipe Bracing - 6' Duplex	EA	4	\$	\$
8	<i>Intentionally Left Blank</i>				
9	Replace Existing Wet Well Top	EA	1	\$	\$
10	Aluminum Hatch Cover (36" x 48" single door)	EA	1	\$	\$
11	<i>Intentionally Left Blank</i>				
12	6" PVC Wet Well Vent ADDENDUM #1	EA	1	\$	\$
13	2 Inch S.S. Pump Guide Rail System	LF	55	\$	\$
14	Resilient (Link) Seals w/ Carrier Pipe (6" FM)	EA	5	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S32/T35/R19
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
15	Surface Prep and Paint (rehab. V V interior)	EA	1	\$	\$
16	<i>Intentionally Left Blank</i>				
17	Fiberglass (FRP) Liner (6' (FT) dia. W W) ADDENDUM # 1	VF	4	\$	\$
18	Remove & Replace 3" PVC Drain P-trap (regROUT) ADDENDUM # 1	EA	1	\$	\$
19	6" Flanged Gate Valve	EA	3	\$	\$
20	6" Flanged Swing Check Valve	EA	2	\$	\$
21	Ductile Iron Fittings ADDENDUM #1	LB	250	\$	\$
22	6" Quick Coupler Adapter	EA	1	\$	\$
23	S.S. Valve Supports	EA	3	\$	\$
24	<i>Intentionally Left Blank</i>				
25	<i>Intentionally Left Blank</i>				
26	6" Plug Valve	EA	1	\$	\$
27	6" PVC Pipe (C900) (cross/tee to plug valve)	LF	6	\$	\$
28	10" Influent Line Plug	EA	1	\$	\$

BIDDER (FIRM NAME): _____

AUTHORIZED SIGNATURE: _____

BID "B"

BID FORM
(Submit in Triplicate)
Section 00300

BID "B"

IFB# 11-0498-DS ADDENDUM #1

PROJECT NAME: Edgewater Village (RTU629) LS Rehab
PROJECT NUMBER: 402-0019707
SECTION/TWNSHP/RANGE: S32/T35/R19
PROJECT DESCRIPTION: Rehab wetwell, valve vault, & piping for lift station
PROJECT SITE DIMENSIONS: All work within LS site.

BID "B" Based on Completion time of 270 Calendar Days

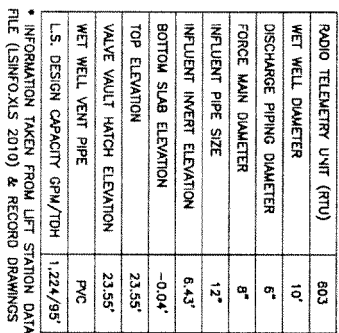
LIFT STATION REHABILITATION					
ITEM #	DESCRIPTION	U/M	QTY	BID PRICE PER UNIT	TOTAL BID PRICE
29	By-Pass Pumping <500 gpm	DAY	10	\$	\$
30	<i>Intentionally Left Blank</i>				
31	3/4 Inch Backflow Preventer & Hose Bib	EA	1	\$	\$
32	<i>Intentionally Left Blank</i>				
33	<i>Intentionally Left Blank</i>				
34	<i>Intentionally Left Blank</i>				
35	<i>Intentionally Left Blank</i>				
	SubTotal Construction Cost				\$
36	Mobilization				\$
37	Miscellaneous Work & Clean Up, Record Drawings				\$
38	Discretionary Work				\$ 6,900.00
	Total Construction Cost				\$
TOTAL BID PRICE "B" Based On Completion Time of 270 Calendar Days # 1					ADDENDUM

BIDDER (FIRM NAME): _____

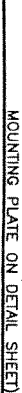
AUTHORIZED SIGNATURE: _____

BID "B"

7. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ANY DAMAGED LANDSCAPING TO EXISTING OR DESIGN CONDITIONS.



UPGRADE BFP TO STANDARD	YES
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PROJECT #	402-0019707
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CHECKED	
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FLORIDA DE. 60923

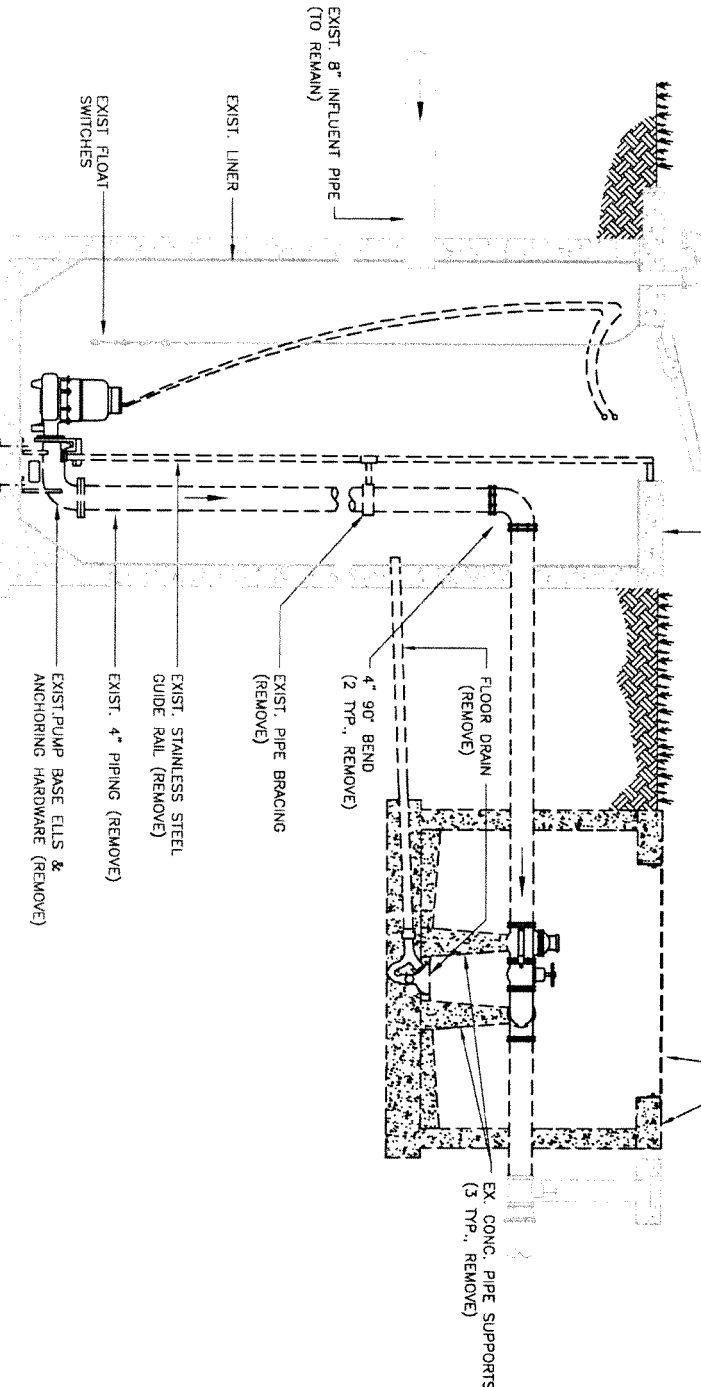
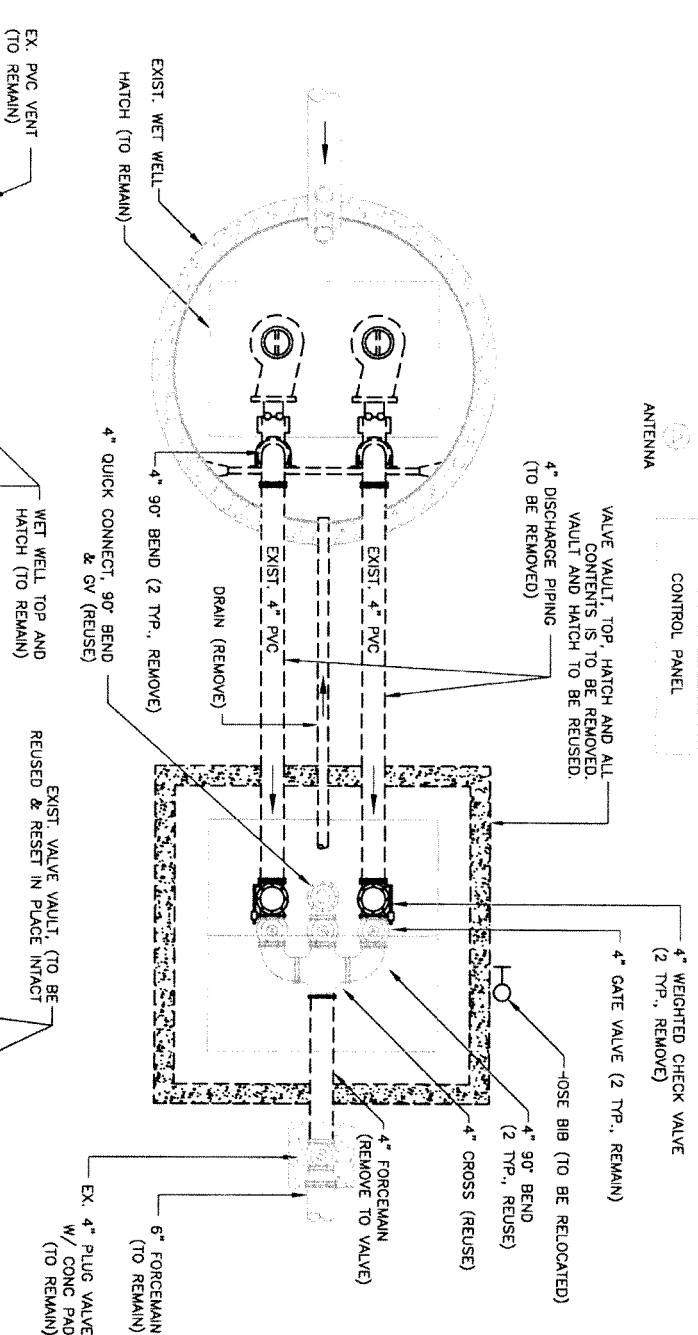
SHEET 7 OF 10

EXISTING

- NOTES:
1. THE WET WELL AND VALVE VAULT CONFIGURATION SHOWN ON THESE GRAPHICS IS FOR IDENTIFICATION OF COMPONENTS TO BE REMOVED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, CONFIGURATION, ETC. FOR ACCURACY.
 2. THE CONTRACTOR/BIDDER SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
 3. THE CONTRACTOR/BIDDER SHALL DETERMINE THE DISCHARGE PIPING ELEVATIONS DURING THE SITE VISITS.
 4. REMOVAL AND REINSTALLATION OF THE PUMPS DURING THE REHABILITATION SHALL BE DONE BY MANATEE COUNTY PERSONNEL IN COORDINATION WITH THE CONTRACTOR
 5. BY-PASS PUMPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
 6. MANATEE COUNTY GOVERNMENT WILL PROVIDE ONE (1) LIFT STATION SHUT-DOWN AT NO COST TO THE CONTRACTOR. ADDITIONAL SHUT-DOWNS WILL COST THE CONTRACTOR \$3,500 EACH, IF NEEDED.
 7. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ANY DAMAGED LANDSCAPING TO EXISTING CONDITIONS.
 8. THE WORK AREA IS LIMITED TO THE LIFT STATION SITE.

RADIO TELEMETRY UNIT (RTU)	387
WET WELL DIAMETER	6'
DISCHARGE PIPING DIAMETER	4"
FORCE MAIN DIAMETER	6"
INFLUENT PIPE SIZE	8"
INFLUENT INVERT ELEVATION	28.94'
BOTTOM SLAB ELEVATION	24.00
TOP ELEVATION	45.00'
VALVE VAULT HATCH ELEVATION	UNKNOWN
WET WELL VENT PIPE	PVC
L.S. DESIGN CAPACITY gpm/TD4	150/19'

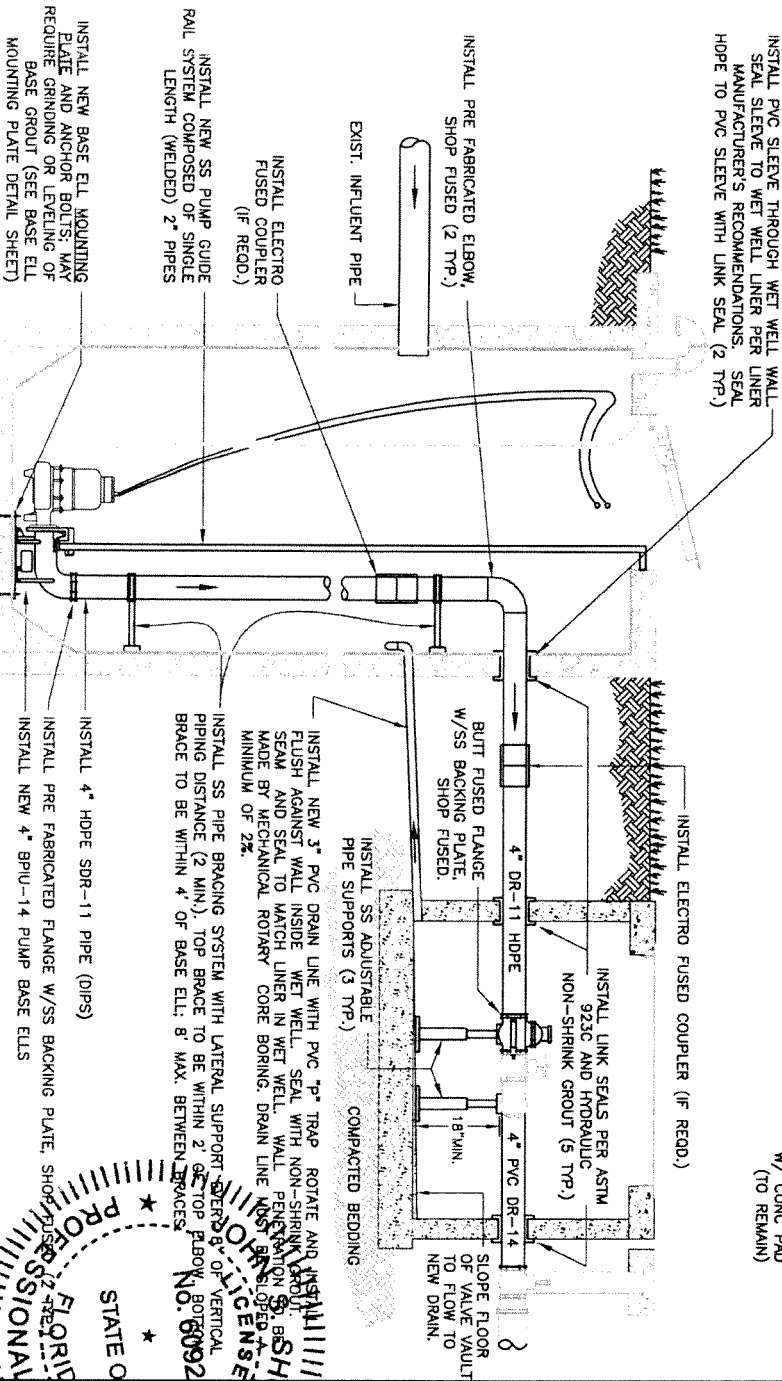
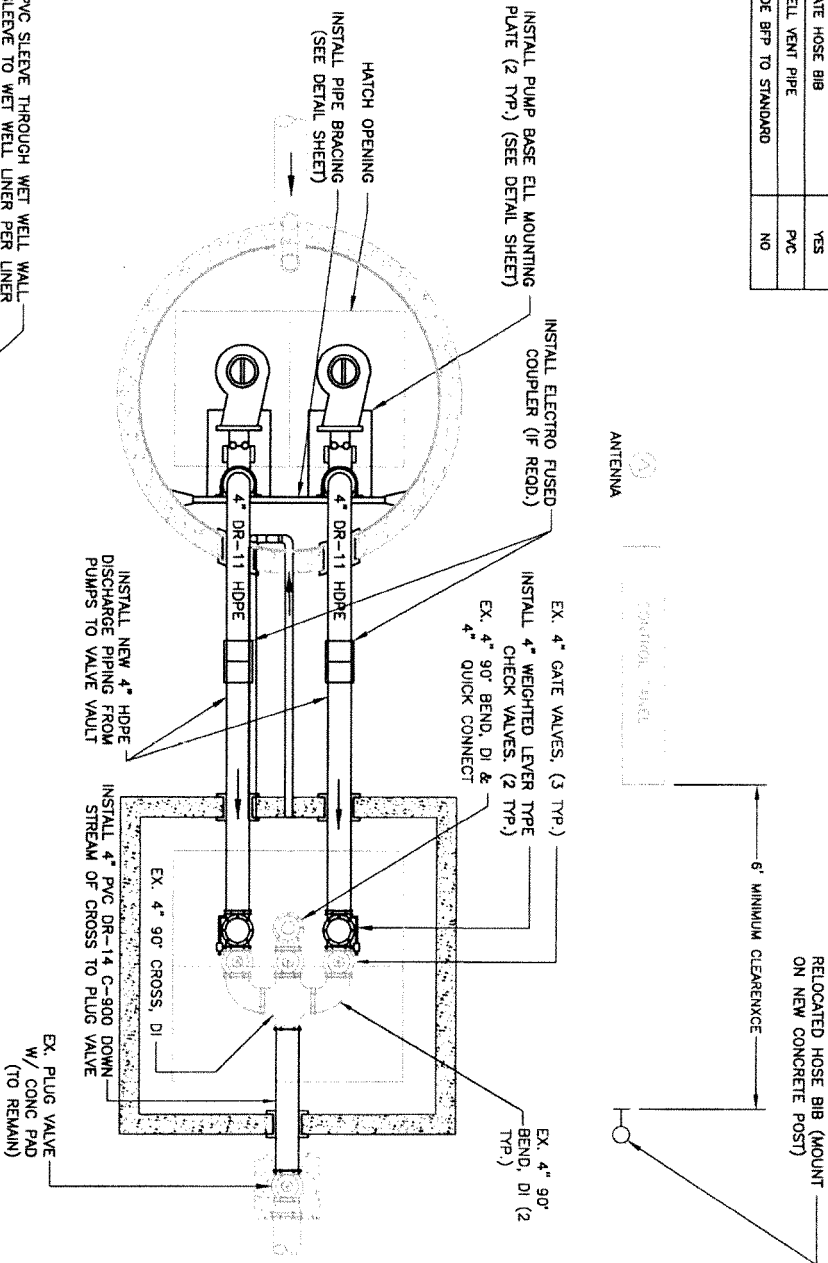
* INFORMATION TAKEN FROM LIFT STATION DATA FILE (SINPROXIS 2010) & RECORD DRAWINGS



PROPOSED

INSTALL FIBERGLASS W.W. LINER	NO
APPLY SPRAY LINER W.W. LINER	NO
INSTALL STILLING WELL	NO
INSTALL P.V. OUTSIDE OF V.V.	NO
NEW HOPE PIPING IN W.W.	YES, 4"
NEW BASE ELL	4" BPU-14
BASE TOP OF WET WELL	NO
BASE TOP OF VALVE VAULT:	YES
RELOCATE HOSE BIB	YES
WET WELL VENT PIPE	PVC
UPGRADE BRP TO STANDARD	NO

- NOTES:
1. THE CONTRACTOR SHALL NOT BACKFILL OVER ELECTROFUSED COUPLINGS UNTIL INSPECTOR HAS VISUALLY CHECKED IT FOR LEAKS DURING PUMP STARTUP OR PRESSURE TEST AS DIRECTED BY THE ENGINEER.
 2. THE VALVE VAULT IS TO BE COMPLETELY REMOVED AND THEN REINSTALLED ON A COMPACTED BEDDING. THE NEW ELEVATION OF THE TOP OF THE REUSED VALVE VAULT SHALL BE AS HIGH AS POSSIBLE BUT STILL PROVIDE 18" MIN. CLEARANCE FROM THE BOTTOM OF THE PIPE FLANGES AND THE VALVE VAULT FLOOR. THE VAULT TOP SLAB AND HATCH SHALL BE REUSED.



FY 2011 LIFT STATION
REHABILITATION GROUP 1
ROSEDALE HIGHLANDS 1 (RTU 387)



NO.	REVISION DESCRIPTION	BY	DATE
1	REVISION GATE VALVE & FITTINGS (REUSE)	JSS	2/8/11

PROJECT #	402-0019707
SURVEY #	-
DESIGNED BY	7/7/355/R19E
CHECKED BY	9/25/10
DRAWN BY	9/25/10
DATE	

Signature & Date

SHEET 4 OF 10