Indian River County Purchasing Division purchasing@ircgov.com



ADDENDUM NO. 1

Issue Date: April 16, 2019

Project Name: Annual Bid for Lift Station Rehabilitation

Bid Number: 2019047

Bid Opening Date: April 30, 2019 at 2:00 p.m.

This addendum is being released to answer questions received to date, modify the bid form, and extend the deadline for receipt of bids. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.

Bid opening date is hereby changed to April 30, 2019.

Attachments:

Updated Bid Form – Addendum 1 (pages 61 through 68 of 91)

Questions and Answers

On the line item bid tab for the above mentioned bid line items 164-167 & lines 182-186 it is requesting a Vertical Foot price. It is impossible for us to provide a fair & intelligent number for these items without knowing the depth of the structure. Can you change the wording to read Per Square Foot?

Yes. Please use attached updated Bid Form.

2. Will you please provide us with the annual expenditure & the historical pricing for the abovementioned bid?

This is a new annual contract for service, so no historical pricing is available.

3. Do you have some sort of Yearly Budget for this? Do you have a Minimum and/or Maximum per Project Limit?

No estimated annual expenditure is available.

4. The bid form has multiple locations throughout the list that is tagged with the foot (') symbol that should be the inch (") symbol.

Please see updated bid form.

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- 5. Line items 50 thru 61: Is your intent materials cost with installation?

 All items should be bid for furnish and install, unless specified otherwise.
- **6.** Line item 75: 15" DIP is not made. This should be 16" instead. **Please see updated bid form.**
- 7. Line items 76 thru 60: Is this SDR-26 Heavy Wall Sewer pipe? SDR & DR are Interchangeable.
- **8.** Line item 82: Should be corrected to DR-18. **Please see updated bid form.**
- 9. Line item 84: 15" DR-18 is not made.
 This should be 16" instead. Please see updated bid form.
- **10.** Line items 85 thru 90: Is your intent materials cost with installation? Also, what depth? **Furnish and Install and 0' 6' depth.**
- **11.** Line items 91 thru 96: Additional Excavation for what? Is this intended for the sewer Fernco coupling installation on sewer pipe that deep?
 - This covers any additional excavation that may be needed, not necessarily for the sewer Fernco coupling to be that deep.
- **12.** Line item 98: Should this be Duplex Remote Telemetry Unit? Please define "Complete" (Tac-Pac, Rohn Tower, Antenna, Coax)?
 - **Use Complete Data-Flow Panel, and reference IRCDUS Standards**
- 13. Line item 99: Should this be Duplex Remote Telemetry Unit? Please define "Installed Only". (Rohn Tower installation, Antenna installation, Coax cable installation, programming)?
 County will supply the equipment, contractor will install. DataFlow will perform the programming.
- **14.** Line item 105: Is your intent materials cost with installation? **Please reference question 5, above.**
- 15. Line items 106 thru 110: Is your intent materials cost with installation? ALSO more information is needed. What do you want priced? 45's / 90's / Tee's / Wye's??

 Please see question 5 above. Provide cost for each fitting installed (45's, 90's, Tee's, & Wye's, etc.)
- **16.** Line items 111 thru 115: Is your intent materials cost with installation? **Please reference question 5, above.**
- **17.** Line item 116: What size is the gauge outlet? Do you want a SS diaphragm under the gauge? Is this also needing the SS ball valve and nipples? If tapping a line what size saddle for the main? **This item has been eliminated from the bid.**

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- **18.** Line item 117 thru 118: What size saddle for the main? Is this a full SS saddle? All Full 316 SS Saddles (4", 6", 8", 10", 12", 14", 16", 24")
- **19.** Line item 119 thru 121: I believe these are inches (") and 36" tall. Correct? **Yes, please reference updated bid form.**
- 20. Line item 122 thru 123:
 - a. Is this camlock flanged x male? Yes.
 - b. Is the material to be Aluminum or 316 SS? 316 Stainless Steel
- **21.** Line item 124 thru 139: On all the HDPE line items please confirm that these are to be SDR-11 HDPE DIPS Green Stripe.

Yes, with Green Stripe for Sewer.

22. Line item 140 thru 144: What do you want priced? 45's / 90's / Tee's / Wye's??

They all are different costs. The flange adapters should be stated with 316-SS back up rings. Include prices for what you are calling out, 45's, 90's, Tee's, Wye's. Provide 316 SS.

- 23. Line item 145 thru 148: Are the single rail base <u>elbows ONLY</u>? **Everything will be 316 SS.**
- **24.** Line item 153 thru 154: Are this single rail upper guide <u>brackets ONLY?</u> **Everything will be 316 SS. Reference IRCDUS Standards.**
- **25.** Line item 155 thru 156: Need to know what size riser pipe for the U-bolt strap. **Reference IRCDUS Standards.**
- **26.** Line item 195: Do you want Hydraulic Cement repairs OR Chemical Grouting to stop ground water infiltration?

Hydraulic Cement.

- 27. Line item 214 thru 215:
 - a. What diameter is the structure attaching to? 4 ft. All hardware should be stated to be 316-SS.
 - **b.** Also, what length of drop pipe is required for this pricing 10ft? **Reference IRCDUS Standards**
 - c. How many SS offset pipe supports are required (2)? Reference IRCDUS Standards
- **28.** Line item 216 thru 218: What is the requirement for identification of the covers? "Sanitary Sewer", reference IRCDUS Standards
- **29.** Line item 250: Need more specific information? What size? What type of pipe? **Reference IRCDUS Standards**
- **30.** Line item 262: What type of curb?? D-curb / Miami curb? Reference IRCDUS Standards
- **31.** Line item 272: What size should this be based on? **Based on Cubic Feet.**

- **32.** Line item 277: If this is an *allowance* then the County should input the amount they want for this line item. OR just remove this from the bid line item and state "FEE of permits and water usage to be reimbursed at *actual cost* amounts with documentation required with invoice" on the contract. **Removed from bid. County will pay actual cost.**
- **33.** Line item 278: To price this line item fairly for all bidders an FDOT Index should be given with a time length for the operation like a daily rate. OR just remove this from the bid line item and state "FEE of permits and MOT operation to be reimbursed at *actual cost* amounts with documentation required with invoice" on the contract.

Removed from bid. County will pay actual cost.

34. Line item 279: If this is an *allowance* then the County should input the amount they want for this line item OR just remove this from the bid line item and state "Geotechnical Testing or Drilling to be reimbursed at *actual cost* amounts *plus 5%* with documentation required with invoice" on the contract.

Removed from bid. Geotechnical Testing or Drilling to be reimbursed at actual cost plus 5% with documentation required with invoice.

35. Line item 280: If this is an *allowance* then the County should input the amount they want for this line item OR just remove this from the bid line item and state "Subsurface Utility Exploration to be reimbursed at *actual cost* amounts *plus 5%* with documentation required with invoice" on the contract.

Removed from bid. Subsurface Utility Exploration to be reimbursed at *actual cost* amounts plus 5% with documentation required with invoice

36. Line item 280: If this is an <u>allowance</u> then the County should input the amount they want for this line item <u>OR</u> just remove this from the bid line item and state "Subsurface Utility Exploration to be reimbursed at <u>actual cost</u> amounts <u>plus 5%</u> with documentation required with invoice" on the contract.

Removed from bid. Subsurface Utility Exploration to be reimbursed at <u>actual cost</u> amounts plus 5% with documentation required with invoice

- **37.** Line item # 71 and 72 are the same. Did you mean 4" or 8" instead of 6" twice? Line 72 should be 8". Please see updated bid form.
- **38.** There is not line item # 80.

Please see updated bid form.

39. Line items # 125 and 126 look the same.

Please see updated bid form.

40. Pervert? Did you mean per vert?

Per vertical, which has been changed to "Per Square Feet" on the updated bid form.

41. Is it SLAG or SL.AG?

170 should read SLAG. Please see updated bid form.

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42. Line item # 188 and 189 are the same.

189 should be 8'. Please see updated bid form.

Item				
No.			Per Unit Price	
1	MOBILIZATION & GENERAL CONDITIONS- ORDERS UNDER \$15,000 (per site)		\$	
2	MOBILIZATION & GENERAL CONDITIONS- ORDERS \$15,000-\$40,000 (per site)	LS	\$	
3	MOBILIZATION & GENERAL CONDITIONS- ORDERS GREATER THAN \$40,001 (per site)	LS	\$	
4	INSURANCE PER CONTRACT (One time pay item each year of contract)	LS	\$	
5	PUBLIC CONSTRUCTION BOND (UP TO \$250,000) IF REQUIRED (per year)	LS	\$	
6	VIDEO RECORDING, PRE-CONSTRUCTION (per site, up to 500 feet of roadway)	LS	\$	
7	VIDEO RECORDING, POST-CONSTRUCTION (per site, up to 500 feet of roadway)	LS	\$	
8	TRENCH SAFETY AND CONFINED SPACE ENTRY COMPLIANCE (per site)	LS	\$	
9	MINOR MOT DESIGN & SETUP (per site, no lane closure, County right of way)	DAY	\$	
	INTERMEDIATE MOT DESIGN & SETUP (per site, single lane closure, County right of			
10	way)	DAY	\$	
11	BARRICADE TYPE I or II w/ WARNING LIGHT	DAY	\$	
12	BARRICADE TYPE III w/ WARNING LIGHT	DAY	\$	
13	MOT WARNING SIGNS	DAY	\$	
14	STATIC ARROW BOARDS, DETOUR SIGNS	DAY	\$	
15	DYNAMIC ARROW FLASHING SIGN	DAY	\$	
16	VARIABLE MESSAGE TRAILER	DAY	\$	
17	TRAFFIC CONES	DAY	\$	
18	FLAGMAN	HR	\$	
19	CONSTRUCTION WARNING FENCE (includes up to 100 lineal feet)	DAY	\$	
20	CONSTRUCTION WARNING FENCE (per lineal foot in excess of 100 feet)	LFDA	\$	
21	TEMPORARY CHAIN LINK SECURITY FENCE, 6' HEIGHT (includes up to 100 lineal feet)		\$	
22	TEMPORARY CHAIN LINK SECURITY FENCE, 6' HEIGHT (per lineal feet beyond 100 ft)	LFDA	\$	
23	TRAFFIC BARRIER, WATER OR SAND FILLED (includes up to 100 feet)	DAY	\$	
24	TRAFFIC SAFETY BARRIER, WATER OR SAND FILLED (per lineal feet beyond 100 ft)	LFDA	\$	
25	STAKED EROSION CONTROL FABRIC (includes up to 100 lineal feet)	DAY	\$	
26	STAKED EROSION CONTROL FABRIC (per lineal foot in excess of 100 feet)	LFDA	\$	
27	HAY BALES OR WATILES	LF	\$	
28	STEEL PLATE (32 sq. ft per plate)	DAY	\$	
29	LIGHT TOWER w/ GENERATOR	DAY	\$	
30	4" BY-PASS PUMPING INITIAL SETUP (includes 100 feet of temporary piping)	EA	\$	
31	4" BY-PASS PUMPING OPERATION	DAY	\$	
32	4" BYPASS PUMPING BEYOND THE INTIAL 100 FEET	LF	\$	
33	6" BY-PASS PUMPING INITIAL SETUP (includes 100 feet of temporary piping)	EA	\$	
34	6" BY-PASS PUMPING OPERATION	DAY	\$	
35	6" BYPASS PUMPING BEYOND THE INTIAL 100 FEET	LF	\$	
36	12" BY-PASS PUMPING INITIAL SETUP (includes 100 feet of temporary piping)		\$	
37	12" BY-PASS PUMPING OPERATION	DAY	\$	
38	12" BYPASS PUMPING BEYOND THE INTIAL 100 FEET	LF	\$	
39	BYPASS PUMPING VIA 3,500 GALLON PUMPER TRUCK	HR	\$	
40	BYPASS PUMPING VIA VAC-CON PUMPER	HR	\$	
	4" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &			
41	compaction)	LF	\$	

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
140.	6" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &	O.I.I.C	T CT OTHET TICE
42	compaction)	LF	\$
	8" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &		т
43	·		\$
	10" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &		,
44	compaction)	LF	\$
	12" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &		
45	compaction)	LF	\$
	16" DIP, EPOXY LINED, CLASS 52, 0'-6' DEPTH (includes excavation, backfill &		
46	compaction)	LF	\$
47	ADDITIONAL EXCAVATION 6'-8' DEPTH	LF	\$
48	ADDITIONAL EXCAVATION 8'-10' DEPTH	LF	\$
49	ADDITIONAL EXCAVATION 10'-12' DEPTH	LF	\$
50	4" MEGA-LUG JOINT RESTRAINTS	EA	\$
51	6" MEGA-LUG JOINT RESTRAINTS	EA	\$
52	8" MEGA-LUG JOINT RESTRAINTS	EA	\$
53	10" MEGA-LUG JOINT RESTRAINTS	EA	\$
54	12" MEGA-LUG JOINT RESTRAINTS	EA	\$
55	16" MEGA-LUG JOINT RESTRAINTS	EA	\$
56	4" PLUG VALVE & VALVE BOX	EA	\$
57	6" PLUG VALVE & VALVE BOX	EA	\$
58	8" PLUG VALVE & VALVE BOX	EA	\$
59	10" PLUG VALVE & VALVE BOX	EA	\$
60	12" PLUG VALVE & VALVE BOX	EA	\$
61	16" PLUG VALVE & VALVE BOX	EA	\$
62	EXCAVATION & DISPOSAL OF ASPHALT PAVEMENT	SY	\$
63	EXCAVATION & DISPOSAL OF CONCRETE SIDWALKS, DRIVEWAYS & FLATWORK	SY	\$
64	EXCAVATION & DISPOSAL OF CONCRETE CURB	LF	\$
65	EXCAVATION & DISPOSAL OF UNSUITABLE SOIL	CY	\$
66	CLEAN IMPORT SAND BACKFILL	CY	\$
67	FLOWABLE FILL- EXCAVATABLE (per Section 121 FDOT spec)	CY	\$
66	LIMEROCK STABILIZED BASE MATERIAL	CY	\$
69	IN PLACE MATERIAL TESTING - LIMEROCK BEARING RATIO - ASTM	EA	\$
70	IN PLACE MATERIAL TESTING- MODIFIED PROCTOR TEST, AASHTO T-180	EA	\$
71	6" DIP, EPOXY LINED, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
72	8" DIP, EPOXY LINED, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
73	10" DIP, EPOXY LINED, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
74	12" DIP, EPOXY LINED, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
75	16" DIP, EPOXY LINED, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
76	6" PVC, DR 26, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
77	8" PVC, DR 26, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
78	10" PVC, DR 26, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
79	12" PVC, DR 26, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
80	16" PVC, DR 26, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
81	8" PVC, DR 18, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
82	10" PVC, DR 18, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
83	12" PVC, DR 18, 0'-6' DEPTH (includes excavation, backfill & compaction)		\$
84	16" PVC, DR 18, 0'-6' DEPTH (includes excavation, backfill & compaction)	LF	\$
85	4" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
86	6" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
87	8" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
88	10" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
89	12" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
90	16" FERNCO COUPLING w/ SHEAR RINGS	EA	\$
91	ADDITIONAL EXCAVATION 6'-8' DEPTH	LF	\$
92	ADDITIONAL EXCAVATION 8'-10' DEPTH	LF	\$
93	ADDITIONAL EXCAVATION 10'-12' DEPTH	LF	\$
94	ADDITIONAL EXCAVATION 12'-15' DEPTH	LF	\$
95	ADDITIONAL EXCAVATION 15'-18' DEPTH	LF	\$
96	ADDITIONAL EXCAVATION 18'-24' DEPTH	LF	\$
97	PIPE BEDDING - #57 STONE	CY	\$
98	Duplex Remote Terminal Unit, Complete	EA	\$
99	Duplex Remote Terminal Unit, Complete, Installed Only	EA	\$
100	Duplex Motor Control Panel, 3 – 5 HP, Single Phase, 240 Volts	EA	\$
101	Duplex Motor Control Panel, 3 – 10 HP, Three Phase, 240 Volts	EA	\$
102	Duplex Motor Control Panel, 5 – 10 HP, Three Phase, 480 Volts	EA	\$
103	Duplex Motor Control Panel, 15 – 25 hp, Three Phase, 480 Volts w/ Soft Starts	EA	\$
104	Duplex Motor Control Panel, 30 – 100 hp, Three Phase, 480 Volts w/Soft Starts	EA	\$
105	12" CHECK VALVE, OUTSIDE WEIGHT, FLANGED JOINT	EA	\$
106	4" DIP FITTINGS, EPOXY LINED CLASS 52, FLANGED JOINT	EA	\$
107	6" DIP FITTINGS, EPOXY LINED CLASS 52, FLANGED JOINT	EA	\$
108	8" DIP FITTINGS, EPOXY LINED CLASS 52, FLANGED JOINT	EA	\$
109	10" DIP FITTINGS, EPOXY LINED CLASS 52, FLANGED JOINT	EA	\$
110	12" DIP FITTINGS, EPOXY LINED CLASS 52, FLANGED JOINT	EA	\$
111	4" PLUG VALVE, LEVER OPERATED, FLANGED JOINT	EA	\$
112	6" PLUG VALVE, HAND WHEEL, FLANGED JOINT	EA	\$
113	8" PLUG VALVE, HAND WHEEL, FLANGED JOINT	EA	\$
114	10" PLUG VALVE, HAND WHEEL, FLANGED JOINT	EA	\$
115	12" PLUG VALVE, HAND WHEEL, FLANGED JOINT	EA	\$
116	STAINLESS STEEL 3" PRESSURE GAUGE & TAP	EA	\$ N/A
	2" ARI D-040 AIR RELEASE VALVE ASSEMBLY & 2" 316 STAINLESS-STEEL BALL VALVE		
117	TAPPING SADDLE	EA	\$
	ARI D025 AIR RELEASE STAINLESS-STEEL & 2" 316 STAINLESS-STEEL BALL VALVE		
118	TAPPING SADDLE	EA	\$
119	2" DIA H.D. ALUM PIPE SUPPORT STANDS w/ ST STL ANCHORS (max 36" height)	EA	\$
120	3" DIA H.D. ALUM PIPE SUPPORT STANDS w/ ST STL ANCHORS (max 36" height)	EA	\$
121	4" DIA H.D. ALUM PIPE SUPPORT STANDS w/ ST STL ANCHORS (max 36" height)	EA	\$
122	6" CAMLOCK EMERGENCY PUMP CONNECTION & CAP	EA	\$

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
123	8" CAMLOCK EMERGENCY PUMP CONNECTION & CAP	EA	\$
124	4" HDPE VERTICAL DISCHARGE PIPING (up to 15 lineal feet)	EA	\$
125	4" HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)	LF	\$
126	4" HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)		\$
127	316 STAINLESS-STEEL HORIZ SUPPORT BRACKET FOR 4" DISCHARGE PIPING	EA	\$
128	6" HDPE VERTICAL DISCHARGE PIPING (up to 15 lineal feet)	EA	\$
129	6" HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)	LF	\$
130	316 STAINLESS-STEEL HORIZ SUPPORT BRACKET FOR 6" DISCHARGE PIPING	EA	\$
131	8" HDPE VERTICAL DISCHARGE PIPING (up to 15 lineal feet)	EA	\$
132	8" HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)	LF	\$
133	316 STAINLESS STEEL HORIZ SUPPORT BRACKET FOR 8" DISCHARGE PIPING	EA	\$
134	10" HDPE VERTICAL DISCHARGE PIPING (up to 15 lineal feet)	EA	\$
135	10" HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)	LF	\$
136	316 STAINLESS STEEL HORIZ SUPPORT BRACKET FOR 10" DISCHARGE PIPING	EA	\$
137	12" HDPE VERTICAL DISCHARGE PIPING (up to 15 lineal feet)	EA	\$
138	12"HDPE DISCHARGE PIPING (per foot in excess of 15 lineal feet)	LF	\$
139	316 STAINLESS STEEL HORIZ SUPPORT BRACKET FOR 12" DISCHARGE PIPING	EA	\$
140	4" HDPE DISCHARGE FITTINGS & FLANGE ADAPTERS	EA	\$
141	6" HDPE DISCHARGE FITTINGS & FLANGE ADAPTERS	EA	\$
142	8" HDPE DISCHARGE FITTINGS & FLANGE ADAPTERS	EA	\$
143	10" HDPE DISCHARGE FITTINGS & FLANGE ADAPTERS	EA	\$
144	12" HDPE DISCHARGE FITTINGS & FLANGE ADAPTERS	EA	\$
145	4" PUMP DISCHARGE BASE, INCLUDING ANCHORS & 316 ST STL BASE PLATE	EA	\$
146	6" PUMP DISCHARGE BASE, INCLUDING ANCHORS & 316 ST STL BASE PLATE	EA	\$
147	8" PUMP DISCHARGE BASE, INCLUDING ANCHORS & 316 ST STL BASE PLATE	EA	\$
148	10" PUMP DISCHARGE BASE, INCLUDING ANCHORS & 316 ST STL BASE PLATE	EA	\$
149	4" X 6" EPOXY COATED & LINED ECCENTRIC REDUCER	EA	\$
150	6" X 8" EPOXY COATED & LINED ECCENTRIC REDUCER	EA	\$
151	2" - 316 STAINLESS STEEL SCH 40 PUMP GUIDE RAILS	VF	\$
152	3" - 316 STAINLESS STEEL SCH 40 PUMP GUIDE RAILS	VF	\$
153	2" - 316 STAINLESS STEEL GUIDE RAIL UPPER SUPPORT BRACKETS w/ HOOK	EA	\$
154	3" - 316 STAINLESS STEEL GUIDE RAIL UPPER SUPPORT BRACKETS w/ HOOK	EA	\$
155	2" - 316 STAINLESS STEEL GUIDE RAIL INTERMEDIATE SUPPORT BRACKETS	EA	\$
156	3" - 316 STAINLESS STEEL GUIDE RAIL INTERMEDIATE SUPPORT BRACKETS	EA	\$
157	3/8" - 316 STAINLESS STEEL LIFTING CHAIN	LF	\$
158	1/2" - 316 STAINLESS STEEL LIFTING CHAIN	LF	\$
159	5/8" - 316 STAINLESS STEEL LIFTING CHAIN	LF	\$
160	3/4" - 316 STAINLESS STEEL LIFTING CHAIN	LF	\$
161	4 HOOK- 316 STAINLESS STEEL CABLE HANGER BRACKETS	EA	\$
162	6 HOOK- 316 STAINLESS STEEL CABLE HANGER BRACKETS	EA	\$
163	4' - 5' DIA MANHOLE, HYDROBLAST INTERIOR SURFACES (per vert foot)	VF	\$
164	6' DIA WET WELL, HYDROBLAST INTERIOR SURFACES (per square foot)	SF	\$
165	8' DIA WET WELL, HYDROBLAST INTERIOR SURFACES (per square foot)	SF	\$
166	10' DIA WET WELL, HYDROBLAST INTERIOR SURFACES (per square foot)	SF	\$

No. Item Description (Furnish and Install) 172 DIA WET WELL, HYDROBLAST INTERIOR SURFACES (per square foot) 184 VALVE VAULT, HYDROBLAST INTERIOR SURFACES (per square foot) 185 S 186 4'-5' DIA MANHOLE, COAL SLAG BLAST INTERIOR SURFACES (per vert foot) 187 OF OP AN WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per vert foot) 187 S' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 187 S' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 187 S' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 187 S' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 188 S' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 189 S' S 174 VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per square foot) 180 S' S 180 VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per vert foot) 180 FOR Per vert foot) 180 S' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 FOR WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 191 FOR SUMMER VELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 192 DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 193 FOR WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 194 FOR SUMMER VELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 195 FOR SUMMER VELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 196 FOR SUMMER VELL, SPECTRA SHIELD COATING (Sewper-Coat or equal, per vert foot) 195 FOR SUMMER VELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 196 FOR WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 197 FOR SUMMER VELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 198 FOR SUMMER VELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 199 FOR SUMMER VELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 199 FOR SUMMER VELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 190 FOR SUMMER VE	Item			
168 VALVE VAULT, HYDROBLAST INTERIOR SURFACES (per square foot)	No.	Item Description (Furnish and Install)	Unit	Per Unit Price
169 4'-5' DIA MANHOLE, COAL SLAG BLAST INTERIOR SURFACES (per vert foot) 170 6' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 171 8' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 172 10' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 173 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 174 VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 175 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 176 177 177 177 177 177 177 177 177 177	167	12' DIA WET WELL, HYDROBLAST INTERIOR SURFACES (per square foot)	SF	\$
170 6' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ \$ 171 8' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ \$ 172 10' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ \$ 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ \$ 173 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ \$ 174 VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per square foot) SF \$ \$ 175 10 MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) SF \$ \$ 175 10 MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 176 10 MET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 170' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 170' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF \$ \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) SF \$ \$ 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COATING (5-layer system, per sq. ft) SF \$ \$ 10' DIA WET WELL, SPECTRA SHIELD COA	168	VALVE VAULT, HYDROBLAST INTERIOR SURFACES (per square foot)		\$
171 8' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ 172 10' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ 173 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ 174 VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ 174 VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF \$ 175 Foot) SF	169			\$
172 10' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF S S 12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF S S S 14' VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF S VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) SF S VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per square foot) SF S S 17' O' A' - S' DIA MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF S S O' VALVE VAULT, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) SF S S S O' DIA WET WELL, SPECTRA SHIELD COATING (Sewper-Coat or equal, per square foot) SF S S S S S S S S S S S S S S S S S S	170	6' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot)	SF	\$
12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 174 VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 175 F	171	8' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot)	SF	\$
174 VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot) 175 foot) 176 foot) 177 foot) 178 foot) 179 foot) 170 li WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 170 li WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 177 foot) 178 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 179 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 179 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 179 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 181 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 182 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 183 li Nia WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) 184 li Si Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 188 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 189 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 181 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 182 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 183 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 184 li Nia WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 li Nia WET WE	172	10' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot)	SF	\$
VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per square foot) 4' - 5' DIA MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, Per vert foot) 6' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 177 foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 179 foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 foot) 181 foot) 182 d' - 5' DIA MET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 181 foot) 182 d' - 5' DIA MANHOLE, SPECTRA SHIELD COATING (Sewper-Coat or equal, per square foot) 183 d' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 foot) 4' - 5' DIA MANHOLE, IET SYSTEM 3 COATING (4-layer system, per sq. ft) 5F \$ 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 foot) 4' - 5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 188 foot) 5F \$ 190 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HORM WORK FOR CAST IN PLACE CONCRETE REPAIR 196 YA 6'' ALUMINIUM HATCH COVER & FRAME, H20 LOAD W/ 316 ST STL	173	12' DIA WET WELL, COAL SLAG BLAST INTERIOR SURFACES (per square foot)	SF	\$
175 foot SF \$	174	VALVE VAULT, COAL SLAG BLAST INTERIOR SURFACES (per square foot)	SF	\$
4'-5' DIA MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, Per vert foot) 6' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 178 foot) 179 foot) 179 foot) 170 DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 179 foot) 170 DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 170 DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 foot) 181 foot) 181 foot) 182 VALVE VAULT, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) 181 foot) 182 VALVE VAULT, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 foot) 188 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 189 foot) 180 foot) 180 foot) 181 OF DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 foot) 181 OF DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 180 foot) 181 OF DIA WET WELL, SPECTRA SHIELD COATING (prime, intermediate & finish, per vert foot) 189 foot) 180 foot) 180 foot) 181 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 180 foot) 181 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 180 foot) 181 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 181 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 181 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 182 OF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 189 foot) 190 foot) 191		VALVE VAULT, BITUMASTIC COATING (2 layers Carboline 300M or equal, per square		
176 Per vert foot) 6 O IJA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 77 foot) 8 O IJA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 78 foot) 79 foot) 70 DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 71	175	foot)	SF	\$
6' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) VF \$ VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) VF \$ SF \$ 182 4' - 5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 4' - 5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) YF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot)		4' - 5' DIA MANHOLE, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal,		
8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 foot) VF \$ VALVE VAULT, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) 181 foot) SF \$ 182 4' -5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 foot) 4' -5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 188 foot) 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 189 foot) 190 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) CF \$ 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 25' depth) CF \$ 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 NOR WORK FOR CAST IN PLACE CONCRETE REPAIR 197 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 198 S6' x 46'' ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL	176	Per vert foot)	VF	\$
8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 180 foot) VF \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) 181 foot) SF \$ 182 4'-5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 4'-5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) Foot) 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 188 foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 190 foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 foot) VF \$ 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) CF \$ 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 25' depth) CF \$ 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 197 SHOWN MORK FOR CAST IN PLACE CONCRETE REPAIR 198 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 199 A REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 199 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 199 A REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 199 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE		6' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert		
178 foot) 10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ VALVE VAULT, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per square foot) SF \$ \$ \$ 181 foot) SF \$ \$ \$ 182 A'-5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 4'-5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate &	177	foot)	VF	\$
10' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) SF \$ \$ \$ 181 foot) SF \$ \$ \$ 182 4' - 5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 187 foot) SF \$ SF \$ 188 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ SF \$ 189 foot) SF \$ SF		8' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert		
179 foot) 12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) SF \$ 181 foot) SF \$ 182 4' - 5' DIA MANHOLE, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) SF \$ 187 foot) SF \$ SF \$ 188 foot) VF \$ 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) SF \$ 12' DIA WET WELL, IET SYSTEM 3 COATING (p	178	·	VF	\$
12' DIA WET WELL, CALCIUM ALUMINATE COATING (Sewper-Coat or equal, per vert foot) VF \$ VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) SF \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$, , , , , , , , , , , , , , , , , , , ,		
180 foot) VF \$	179	·	VF	\$
VALVE VAULT, CALCIUM ALUMINA TE COATING (Sewper-Coat or equal, per square foot) SF \$ 182				
181 foot) 182 4'-5' DIA MANHOLE, SPECTRA SHIELD COATING {4-layer system, per sq. ft) 183 6' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 4'-5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 188 foot) 188 foot) 190 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 190 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 191 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 18 \$ 196 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 197 LAG WET STLL 198 \$ 199 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 199 LAG WET WELL 199 LAG WET WET 199 LAG WET 199	180	,	VF	\$
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184 8' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 187 5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 188 foot) 188 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 188 foot) 189 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 189 foot) 190 Foot) 191 Foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 SF \$ 197 STRUCTURE STRUCTURE 198 SF \$ 199 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 190 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 191 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 192 CAST AG "A LUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL				
185 10' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 4' - 5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 187 foot) 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 188 foot) 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 189 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 190 foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 191 foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 191 foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 191 foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 191 foot) 15' SE 16' SE 17' SE 18 SE 18 SE 19 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 19 CE 19 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR 19 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR 19 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 19 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 19 SE 19 SE 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 10 SE 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 11 ST 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 13 ST 14 ST 15 ST 16 ST 17 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 18 ST 19 ST 10 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 18 ST 19 ST 10 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 18 ST 19 ST 10 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 19 ST 10 DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 19 ST 10 DIA				
186 12' DIA WET WELL, SPECTRA SHIELD COATING (4-layer system, per sq. ft) 4' - 5' DIA MANHOLE, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert 188 foot) 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 189 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 S6" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL			+	
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6' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 189 foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 STALL 188 foot) 189 VF \$ 190 STALL 190	407	•		_
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8' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 10' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) 191 foot) 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 \$ 197 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL	100	•	\/_	<u> </u>
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12' DIA WET WELL, IET SYSTEM 3 COATING (prime, intermediate & finish, per vert foot) VF \$ 191 FOOT) CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) CF \$ 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) FORM WORK FOR CAST IN PLACE CONCRETE REPAIR SF \$ 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR B\$ 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE B\$ 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL	190	, , , , , , , , , , , , , , , , , , , ,	VE	¢
191 foot) VF \$ 192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) CF \$ 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) CF \$ 194 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR SF \$ 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE LB \$ 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL	130	,	VI	<u>ب</u>
192 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE EXTERIOR (max 6' depth) 193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 194 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL	191		VF	\$
193 CAST IN PLACE CONCRETE - REPAIR EXIST STRUCTURE INTERIOR (max 25' depth) 193 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		·	ļ	
193 FORM WORK FOR CAST IN PLACE CONCRETE REPAIR 194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 196 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		·	+	•
194 REINFORCING STEEL FOR CAST IN PLACE CONCRETE REPAIR 195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		` ' '	_	
195 HYDRAULIC CEMENT GROUTING & REPAIR - EXISTING STRUCTURE 36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL				
36" x 46" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL				
	133			T
	196	HARDWARE	EA	\$

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
	48" x 60" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		
197	HARDWARE	EA	\$
_	48" x 72" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		,
198	HARDWARE	EA	\$
	54" x 60" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		
199	HARDWARE	EA	\$
	64" x 72" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		
200	HARDWARE	EA	\$
	60" x 72" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		
201	HARDWARE	EA	\$
	72" x 84" ALUMINIUM HATCH COVER & FRAME, H20 LOAD w/ 316 ST STL		
202	HARDWARE	EA	\$
203	4" DIP J- VENT w/ RISER & ST STL BUG SCREEN	EA	\$
204	4" PVC J- VENT w/ RISER & ST STL BUG SCREEN	EA	\$
205	JOSAM 26700 VENT HOOD w/ DIP RISER	EA	\$
206	FURNISH & INSTALL 4' INSIDE DIA MANHOLE, 0-6' DEEP	EA	\$
207	ADDITIONAL 4' 1.0. MANHOLE & EXCAVATION 6'-10' DEPTH	LF	\$
208	ADDITIONAL 4' 1.0. EXCAVATION 10'-14' DEPTH	LF	\$
209	ADDITIONAL 4' 1.0. EXCAVATION 14'-18' DEPTH	LF	\$
210	FURNISH & INSTALL 5' INSIDE DIA MANHOLE, 0-6' DEEP	EA	\$
211	ADDITIONAL 5' I.D. MANHOLE & EXCAVATION 6'-10' DEPTH	LF	\$
212	ADDITIONAL 5' 1.D. EXCAVATION 10'-14' DEPTH	LF	\$
213	ADDITIONAL 5' 1.D. EXCAVATION 14'-18' DEPTH	LF	\$
214	4" – 8" RELINER INSIDE DROP CONNECTION w/ 316 ST STL MOUNTING HARDWARE	EA	\$
215	10" - 16" RELINER INSIDE DROP CONNECTION w/ 316 ST STL MOUNTING HARDWARE	EA	\$
216	32" DIA USF 240 MANHOLE RING, FRAME & LID	EA	\$
217	36" DIA USF 420 MANHOLE RING, FRAME & LID	EA	\$
218	50" DIA USF 690-AH-M MANHOLE RING, FRAME & LID	EA	\$
219	JETTER, PUMPER OR VACUUM TRUCK	HR	\$
220	SEWER VIDEO CCTV	HR	\$
221	150 CFM COMPRESSOR & ACCESSORIES	DAY	\$
222	DEWATERING PUMP & WELLPOINT INITIAL SETUP (up to 20 points)	EA	\$
223	ADDITIONAL WELLPOINT & HEADER (per point in excess of initial 20-point header)	EA	\$
224	DEWATERING PUMP & WELLPOINT OPERATION & MAINTENANCE	DAY	\$
225	ADDITIONAL WELLPOINT OPERATION & MAINTENANCE (per foot per day)	DAY	\$
226	DIAPHRAGM PUMP & PIPING (up to 30 feet suction hose and 60 feet discharge hose)	DAY	\$
	ADDED DIAPHRAGM PUMP PIPING (per foot beyond 30-foot suction or 60-foot		
227	discharge)	DAY	\$
228	DRIVEN METAL SHEET PILING (up to 10' depth)	LF	\$
229	DRIVEN METAL SHEET PILING (up to 20' depth)	LF	\$
230	TRENCH SHORING BOX (min 4' x 12')	DAY	\$
231	TRENCH SHORING BOX (min 6' x 12')	DAY	\$
232	TRENCH SHORING BOX (min 8' x 12')	DAY	\$
233	TWO MAN LANDSCAPE CLEARING CREW	HR	\$

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
234	TWO MAN HAND EXCAVATION CREW	HR	\$
235	THREE MAN PIPE EXCAVATION & REPAIR CREW	HR	\$
236	DUMP TRUCK & DRIVER, 8-12 CU YD		\$
237	DUMP TRUCK & DRIVER 15-18 CU YD	HR	\$
238	20 CU YD CLEARING & DEMOLITION DUMPSTER	PULL	\$
239	8 CU YD CLEARING & DEMOLITION DUMPSTER	PULL	\$
240	SKID STEER LOADER & OPERATOR	HR	\$
241	WHEEL LOADER & OPERATOR (Cat Class 057-006)	HR	\$
242	RUBBER TIRE TRACTOR & OPERATOR (Cat Class 053-0210)	HR	\$
243	HYDRAULIC EXCAVATOR & OPERATOR (Cat Class 054-0210)	HR	\$
244	4" ON 6" OR 8" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
245	4" ON 10" OR 12" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
246	6" ON 8" OR 10" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
247	6" ON 12" OR 16" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
248	8" ON 10" OR 12" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
249	8" ON 16" TAPPING SLEEVE & VALVE, UP TO 5' DEPTH	EA	\$
250	CONNECT TO EXISTING VALVE OR FITTING, UP TO 5' DEPTH	EA	\$
251	TAP OR CONNECTION AT ADDITIONAL EXCAVATION 6'-8' DEPTH	EA	\$
252	TAP OR CONNECTION AT ADDITIONAL EXCAVATION 8'-10' DEPTH	EA	\$
253	TAP OR CONNECTION AT ADDITIONAL EXCAVATION 10'-12' DEPTH	EA	\$
254	4" OR 6" DIA CORE BORE OF REINF CONC STRUCTURE, UP TO 5' DEPTH	EA	\$
255	8' OR 10" DIA CORE BORE OF REINF CONC STRUCTURE, UP TO 5' DEPTH	EA	\$
256	4" CONCRETE SIDEWALK OR SLAB w/ FIBER MESH (up to 150 sq. ft)	EA	\$
257	4" CONCRETE SIDEWALK OR SLAB (per sq. ft in excess of 150 sq. ft at a site)	SF	\$
258	6" CONCRETE SIDEWALK OR SLAB w/ FIBER MESH (up to 150 sq. ft)	EA	\$
259	6" CONCRETE SIDEWALK OR SLAB (per sq. ft in excess of 150 sq. ft at a site)	SF	\$
260	12" STABILIZED SUBGRADE AND 10' LIMEROCK BASE REPAIR	SY	\$
261	2" ASPHALT SURFACE COURSE REPAIR	SY	\$
262	CONCRETE CURB	LF	\$
263	YARD GRADING #57 STONE w/ TYPAR GEOTEXTILE (up to 200 sq. ft)	EA	\$
264	YARD GRADING #57 STONE w/ TYPAR GEOTEXTILE (per sq. ft in excess of 200 sq. ft)	SF	\$
265	BAHIA SOD	SY	\$
266	ST AUGUSTINE OR BERMUDA SOD	SY	\$
267	PRESSURE WASHING	SF	\$
268	REMOVE & DISPOSE OF EXISTING MANHOLE, UP TO 6' DEPTH	EA	\$
269	ADDITIONAL MANHOLE REMOVAL, 6'-10' DEPTH	VF	\$
270	ADDITIONAL MANHOLE REMOVAL, 10'-14' DEPTH	VF	\$
271	ADDITIONAL MANHOLE REMOVAL,14'-18' DEPTH	VF	\$
272	DUPLEX VALVE VAULT REMOVAL	CF	\$
	REMOVE & DISPOSE OF EXIST PIPES, UP TO 48" DEEP & UP TO 4" DIA (non-		
273	hazardous)	LF	\$
274	REMOVE & DISPOSE OF EXIST PIPES, UP TO 48" DEEP & 4.5" - 6" DIA (non-hazardous)	LF	\$
275	REMOVE & DISPOSE OF EXIST PIPES, UP TO 60" DEEP & 6.5"-10" DIA (non-hazardous)	LF	\$

Item			
No.	Item Description (Furnish and Install)	Unit	Per Unit Price
	REMOVE & DISPOSE OF EXIST PIPES, UP TO 60" DEEP & 10.5" -16" DIA (non-		
276	hazardous)	LF	\$
	Total per unit bid (sum of all above)	\$	

1		, , , , , , , , , , , , , , , , , , ,	
LFDA= LF per day			
Will your company extend these prices to other go within the State of Florida?	overnmental agencie	s Yes	No 🗌
The undersigned hereby certifies that they have and agree to furnish at the prices shown any conditions, specifications, and attachments her solicitation shall not be cause to alter any resulting	or all of the items eto. Failure to ha	above, subject to a ve read all the pro	all instructions, visions of this
Company Name:			
Company Address:			
City, State	Ziŗ	Code	
Telephone:	Fax:		
E-mail:			
Business Tax Receipt Number:	FE	IN Number:	
Authorized Signature:	Da	te:	
Name:(Type / Printed)	Title:		