



Post Office Box 16039 - Tampa, FL 33687-6039
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February 18, 2009

"EXAMPLE TAKE-OFF"

Contractor

Attn: Estimating

Project: Manatee County - Improvements to the Tara #20 Master Lift Station

Bid Date: February 20, 2009

Addendum 1-2

<u>QTY</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>UNIT \$</u>	<u>EXT \$</u>
<u>20" FM TO NEW 6' DIA MANHOLE</u>				
1	20"	C153 MJ PLUG, 401L	\$100.00	\$100.00
2	20"	C153 MJ 45, 401L	\$100.00	\$200.00
1	20"	C153 MJ 90, 401L	\$100.00	\$100.00
60	20"	PC350/CL52 MJ DIP, 401L	\$100.00	\$6,000.00
1	20"	MJ ACCY SET - LESS GLAND (PLUG)	\$100.00	\$100.00
7	20"	MEGALUG ACCY SET - DIP	\$100.00	\$700.00
<u>36" GRAVITY INFLUENT TO PS</u>				
18	36"	PC350 PUSH-ON DIP, 401L	\$100.00	\$1,800.00
1	36" X 2'-0"	MJ X WC X PE WALL PIPE, 401L	\$100.00	\$100.00
1	36"	MEGALUG ACCY SET - DIP	\$100.00	\$100.00
1	36"	KOR-N-SEAL BOOT FOR DIP, SS BAND (40" HOLE)	\$100.00	\$100.00
<u>12" PUMP DISCH TO HEADER</u>				
4	12" X 8"	316SS FL SCH40 ECC RED	\$100.00	\$400.00
4	12" X 12'-0"	316SS FL X FL SCH40 PIPE (RISERS)	\$100.00	\$400.00
4	12"	316SS FL SCH40 90 BLEND	\$100.00	\$400.00
4	12" X 6'-6"	316SS FL X VIC SCH40 PIPE W/ 1/2" TAP	\$100.00	\$400.00
4	12"	GALVANIZED VIC FLANGE	\$100.00	\$400.00
4	12"	FLG SWING CHECK VALVE W/ L&W (02640/2.15)	\$100.00	\$400.00
4	12"	MEGAFLANGE ADAPT, 316SS HDWE	\$100.00	\$400.00
4	12"X 1'-0"	FL X PE DIP, 401L	\$100.00	\$400.00
4	12"	FL PLUG VALVE W/ GEAR & HW (02640/2.05)	\$100.00	\$400.00
4	12" X 4'-0"	FL X PE DIP, 1/2" TAP, 401L	\$100.00	\$400.00
4	8"	316SS FL ACCY SET W/ FFRR GASKET	\$100.00	\$400.00
24	12"	316SS FL ACCY SET W/ FFRR GASKET	\$100.00	\$2,400.00
4		SS PRESS GAUGE W/ DIAPH SEAL	\$100.00	\$400.00
4	1/2"	316SS THRD BALL VALVE	\$100.00	\$400.00
4	1/2" X 4-1/2"	316SS SCH40 NIPPLE	\$100.00	\$400.00
4	1/2" X 2"	316SS SCH40 NIPPLE	\$100.00	\$400.00
8	12" 2'-0"	316SS SWAY BRACE (2/C-3)	\$100.00	\$800.00
4	12" 2'-0"	316SS PIPE SUPPORT (1/C-3)	\$100.00	\$400.00
4	1/2"	THRD PLUG VALVE	\$100.00	\$400.00
4	1/2" X 3"	316SS THRD NIPPLE	\$100.00	\$400.00
<u>WALL SLEEVES & LINKSEALS</u>				
4	16"	316SS WALL SLV FOR 12" SS PIPE (BEVELED FOR 10 FT RAD) 1'-0" WALL	\$100.00	\$400.00
4	12"	LINKSEAL SET (SS PIPE) (12 EA LS-425-S LINKS SEAL FOR 12" IPS IN 16" WALL SLEEVE)	\$100.00	\$400.00

<u>QTY</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>UNIT \$</u>	<u>EXT \$</u>
4	16"	316SS WALL SLV FOR 12" SS PIPE, 1'-0" WALL	\$100.00	\$400.00
4	12"	LINKSEAL SET (SS PIPE) (12 EA LS-425-S LINKS SEAL FOR 12" IPS IN 16" WALL SLEEVE)	\$100.00	\$400.00
4	16"	316SS WALL SLV FOR 12" SS DIP, 1'-0" WALL	\$100.00	\$400.00
4	12"	LINKSEAL SET (SS PIPE) (12 EA LS-425-S LINKS SEAL FOR 12" IPS IN 16" WALL SLEEVE)	\$100.00	\$400.00
2	8"	316SS WALL SLV FOR 6" PVC, 1'-0" WALL	\$100.00	\$200.00
2	6"	LINKSEAL SET (PVC PIPE) (10 EA LS-475-S LINK SEAL FOR 6" IPS IN 10" WALL SLEEVE)	\$100.00	\$200.00
1	2 1/2"	316SS WALL SLV FOR 1" PVC, 1'-0" WALL	\$100.00	\$100.00
1	1"	LINKSEAL SET (PVC PIPE) (5 EA LS-200-S LINK SEAL FOR 1" IPS IN 2-1/2" WALL SLEEVE)	\$100.00	\$100.00
1	3 1/2"	316SS WALL SLV FOR 2" PVC, 1'-0" WALL	\$100.00	\$100.00
1	2"	LINKSEAL SET (PVC PIPE) (6 EA LS-300-S LINK SEAL FOR 2" IPS IN 3-1/2" WALL SLEEVE)	\$100.00	\$100.00
SLUICE GATES				
2	24" X 24"	WALL MOUNTED COPLASTICX SLUICE GATES W/ FLOORSTAND, 12" EXT STEM (ANCHOR BOLTS INCL)	\$100.00	\$200.00
MISC. FOR PUMP STATION				
40	4"	SCH80 PVC PIPE (STILLING WELL)	\$100.00	\$0.00
2		C1 VALVE BOX W/LID (STILLING WELL)	\$100.00	\$200.00
10	4"	316SS OFFSET PIPE CLAMPS	\$100.00	\$1,000.00
160	3"	SCH40 316SS PIPE(GUIDE RAILS)"VERIFY SIZE & SCHEDULE"	\$100.00	\$16,000.00
VENT				
2	8" X 2'-0"	FL X WC X PE DIP, 401L	\$100.00	\$200.00
4	8"	FL 90 BEND, 401L	\$100.00	\$400.00
2	8" X 1"	FILLER FLANGE	\$100.00	\$200.00
2	24"	SQ 316SS INSERT SCREEN	\$100.00	\$200.00
4	8"	316SS FL ACCY SET W/ FFRR GASKET	\$100.00	\$400.00
2	8"	316SS FL ACCY SET W/ FFRR GASKET (1" LONGER)	\$100.00	\$200.00
3" SEWAGE ARV				
1	3"	THRD COMB SEWAGE AVV (SPEC IS BAD)	\$100.00	\$100.00
1	3"	THRD PLUG VALVE W/ LEVER	\$100.00	\$100.00
2	3"	SCH80 PVC 90	\$100.00	\$200.00
4	3"	SCH80 PVC MALE ADAPT	\$100.00	\$400.00
20	3"	SCH80 PVC PIPE	\$100.00	\$2,000.00
20	1"	SCH80 PVC PIPE	\$100.00	\$2,000.00
2	1"	SCH80 PVC 90	\$100.00	\$200.00
1	1"	SCH80 PVC 45	\$100.00	\$100.00
2		316SS ANGLE BASKETS (TO SUPPORT ARV)	\$100.00	\$200.00
10	1-5/8"	316SS STRUT-SLOTTED	\$100.00	\$1,000.00
4	1"	316SS RIGID PIPE CLAMPS	\$100.00	\$400.00
24" DISCHARGE HEADER FM				
1	24" X 11'-6"	PC350 MJ DIP W/ (2) 12" MJ OUTLETS, 401L	\$100.00	\$100.00
1	24"	C153 MJ PLUG, 401L	\$100.00	\$100.00
1	24" X 18'-0"	PC350 MJ DIP W/ (2) 12" MJ OUTLETS, 3" BOSS TAP, 401L	\$100.00	\$100.00
80	24"	PC350/CL52 MJ DIP, 401L	\$100.00	\$8,000.00
3	24"	MEGALUG ACCY SET - DIP (FOR PIPE)	\$100.00	\$300.00
1	24"	C153 MJ 45, 401L	\$100.00	\$100.00
1	24"	C153 MJ WYE, 401L	\$100.00	\$100.00
1	24"	MJ PLUG VALVE W/GEAR & NUT	\$100.00	\$100.00
1	18" - 24"	ADJ VALVE BOX W/LID	\$100.00	\$100.00
1	4'-0"	VALVE EXT. STEM W/ CENTERING RING	\$100.00	\$100.00
1	3"	BRZ VALVE TAG	\$100.00	\$100.00
1	24"	C153 MJ CAP	\$100.00	\$100.00
1	24"	MJ ACCY SET- LESS GLAND (PLUG)	\$100.00	\$100.00
9	24"	MEGALUG ACCY SET - DIP	\$100.00	\$900.00
2	24"	KOR -N- SEAL BOOT (METER MH)	\$100.00	\$200.00
1	24"	RING & COVER USF 170-CE (MANATEE COUNTY)	\$100.00	\$100.00

18" FM AND BYPASS CONNECTION

<u>QTY</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>UNIT \$</u>	<u>EXT \$</u>
1	24" X 18"	C153 MJ REDUCER, 401L (NO PE FITTINGS W/MEGS)	\$100.00	\$100.00
1	18"	MJ PLUG VALVE W/GEAR & NUT	\$100.00	\$100.00
1	18"	C153 MJ 45, 401L	\$100.00	\$100.00
1	18"	C153 MJ L/P SLEEVE, 401L (NOT SHOWN)	\$100.00	\$100.00
1	18"	LINE - STOP	\$100.00	\$100.00
1	18" X 16"	JCM 412 TAPPING SLEEVE, EPOXY, SS BOLTS	\$100.00	\$100.00
1	16"	MJ RW TAPPING VALVE W/ 2" DIRECT NUT (VERT)	\$100.00	\$100.00
1	18" - 24"	ADJ VALVE BOX W/ LID	\$100.00	\$100.00
1	4'-0"	VALVE EXT. STEM W/ CENTERING RING	\$100.00	\$100.00
1	3"	BRZ VALVE TAG	\$100.00	\$100.00
1	16" X 6'-0"	PE X PE (CUT FROM F X PE BELOW)		
1	16"	C153 MJ 90, 401L	\$100.00	\$100.00
1	16" X 12'-0"	FL X PE DIP, 401L	\$100.00	\$100.00
1	16"	BLIND FLANGE, 401L	\$100.00	\$100.00
1	16"	316SS FL ACCY SET W/ FFRR GASKET	\$100.00	\$100.00
1	4' X 4' X 2'	CONCRETE BOX W/ H-20 LID (4" WALLS, H-20 GALV COVER, HINGED)	\$100.00	\$100.00
3	16"	MEGALUG ACCY SET - DIP	\$100.00	\$300.00
MISC YARD PIPING ACCESSORIES				
300	18" X 20"	ROLL POLYWRAP - GREEN	\$100.00	\$30,000.00
150	24"	ROLL POLYWRAP - GREEN	\$100.00	\$15,000.00
12	2"	ROLL POLYWRAP TAPE	\$100.00	\$1,200.00
1	3" X 1000'	DETECTABLE MARKING TAPE - SEWER	\$100.00	\$100.00
1	10 GA	TRACING WIRE (500FT ROLL), GREEN	\$100.00	\$100.00
6" PVC ODOM CONTROL PIPING				
3	6"	SCH40 PVC PIPE	\$100.00	\$300.00
1	6"	SCH40 PVC TEE	\$100.00	\$100.00
40	6"	SCH40 PVC PIPE	\$100.00	\$4,000.00
1	6"	SCH40 PVC VS FLG	\$100.00	\$100.00
1" PVC WATER TO ODOM CONTROL				
1	1"	SCH40 PVC COUPLING	\$100.00	\$100.00
1	1"	SCH40 PVC TEE	\$100.00	\$100.00
5	1"	SCH40 PVC 90	\$100.00	\$500.00
60	1"	SCH40 PVC PIPE	\$100.00	\$6,000.00
1	1"	SCH40 PVC MALE ADAPT	\$100.00	\$100.00
MISC. METALS				
14	6" X 6'-0"	CS STD WGT STEEL BOLLARD (3/C4)	\$100.00	\$1,400.00
4	3-1/2" X 6'-6"	SCH40 GALV REMOVABLE BOLLARD (4/C4)	\$100.00	\$400.00
FUEL PIPING FOR GENSET				
1	2"	ANTI-SIPHON VALVE	\$100.00	\$100.00
6	2"	2M THRD MI BLK 90 BENDS	\$100.00	\$600.00
1	2"	150# THRD BALL VALVE (CARBON STL)	\$100.00	\$100.00
42	2"	SCH40 CS BLK PIPE, T & C	\$100.00	\$4,200.00
6	1/2"	2M THRD MI BLK 90 BLENDS	\$100.00	\$600.00
42	1/2"	SCH40 CS BLK PIPE, T & C	\$100.00	\$4,200.00
10	1-5/8"	316SS STRUT-SLOTTED	\$100.00	\$1,000.00
3	1/2"	316SS RIGID PIPE CLAMP	\$100.00	\$300.00
3	2"	316SS RIGID PIPE CLAMP	\$100.00	\$300.00
TOTAL THIS BID ITEM - TAX NOT INCLUDED				\$131,900.00

Notes:

- 1 All Ductile Iron MJ Fitting Quoted C153 (Compact)
- 2 All Fitting and Valves Quoted Less Accessories
- 3 All Buried Ductile Iron Pipe and MJ Fitting Quoted Bituminous Coated
- 4 All Flange Pipe and Fitting Quoted Prime Coated
- 5 All Ductile Iron Pipe and Fitting Quoted Protecto 401 Lined
- 6 All Ductile Iron Fitting (MJ & Flange) Quoted Are Globally Sourced
- 7 Due to the volatile raw market All C-900 PVC, C-905 PVC, HDPE, SDR 35, Sch 80 PVC, Sch 40 PVC, Stainless Steel, Copper & Brass Pipe, Fittings, Valves, etc

<u>QTY</u>	<u>SIZE</u>	<u>DESCRIPTION</u>	<u>UNIT \$</u>	<u>EXT \$</u>
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will/may need to be re-quoted at the time of purchase. Pricing Subject to Availability.

*** PVC prices are good till March 21, 2009

*** Stainless Steel prices are good till February 27, 2009

*** Sluice Gate Valve prices are good till March 18, 2009

- 8 All valve boxes quoted less extension stem unless noted otherwise.
- 9 All Flange Accessories Set Prices are Firm for 14 Days from Bid Date, & Must Ship Within 28 Working Days from Bid Date.

**** DISCLAIMER:**

Prices quoted on Ductile Iron Pipe and Fittings will be firm for a period of 60 days from quotation date. Any shipments after 60 days from the quotation date can be subject to a 4% increase. Any shipments made after four months from quotation date will be re-quoted using that days current price sheets. McDade Waterworks, Inc. reserves the right to increase prices and/or change escalation terms at any time based on the potential of continued cost volatility.

The above quotation is **our** interpretation of the plans and specifications and should be reviewed by **your** firm for accuracy. Prices do not include valve boxes, ext stems, wrenches, start-up services, etc. unless specifically noted in our quotation. Prices are based on full freight allowed truckload shipments to the project.

Additional materials ordered will be furnished on a case by case basis.

The quotation does **not** include electronic O&M manuals, but can be furnished for a fee based on the requirements of the specifications. The fee will be quoted at the contractor's request.

Terms Net 30 Days

FOB: S/P - FFA to Jobsite

Please call should you have any questions or need any additional pricing.

Sincerely,

Wesley G. Bunn