

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311**WORK AUTHORIZATION # 5**

TO:	City of Fort Lauderdale 100 N. Andrews Ave. Fort Lauderdale, FL 33301	CITY CONTACT:	Stan Edwards
		PHONE:	954-828-5071
		FAX:	954-828-5074

PROJECT NAME:	Annual Contract 2013-2014 Utilities Repairs - 11857	AUTHORIZATION #:	5
PROJECT LOCATION:	nw6ct/22rd; 2878ne24ct; nw2st/15ave; 811nw7ave	DATE:	11/13/2013

CONTRACT ITEM#	ITEM DESCRIPTION	EST. QNTY	UNIT	UNIT PRICE	TOTAL PRICE
1A	Mobilization and Demobilization	3	EA	1900	5700
2A	Well Point System complete (pump header & points) 40FT excavation	3	EA	1350	4050
3	By-Pass pump btwn manholes for work on gravity sewer, incl: plugs	3	EA	450	1350
4Aii	Sewer Location Invert elevation (-)0.01 to (-)2	2	EA	9350	18700
4Av	Sewer Location Invert elevation (-)6.01 to (-)8	1	EA	14850	14850
6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	3	EA	450	1350
11	Furnish & Install 12" thick limerock base road replacement	265	SY	21	5565
12	Furnish & Install 2" thick asphaltic concrete between saw-cut repair	265	SY	23	6095
14	Provide traffic control & detour barricades on local residential roads	2	EA	675	1350
21	Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (5) man pipe crew, incl foreman, two (2) pipe fitters, one (1) operator, (1) laborer and equipment such as; excavator, loader, plate compactor, tandem dump truck, cut-off saw, 2" pump, trailers & hand tools	0.5	1 CREW DAY	6700	3350
22	Restoration Allowance	0.5166665	Lump Sum	30000	15500
24	Maintenance of Traffic Allowance for collector streets, county or state	0.224	Lump Sum	25000	5600
26	Storm Drainage Allowance	0.804	Lump Sum	25000	20100
					0
					0
					0
					0
					0
					0
					0
					0
TOTAL BID PRICE:					\$ 103,560.00

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted by:

City of Fort Lauderdale

(Authorized Signature)

Title

Date of Acceptance:



Assistant Director Public Works

Nov. 15, 2013

CONFIRMED:

Molloy Bros., Inc.

Thomas W. Molloy

(Authorized Signature)

Thomas W. Molloy - President

Print Name & Title

Tel: 954-792-9380

Email: molloybrosinc@bellsouth.net

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

ESTIMATE

Work Order No.: **343669**
 Address: **nw 6 ct**
 Street: **nw 22 rd**
 Date: **1 nov2013**

PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"

		Unit	Unit Price	QTY	
1A	Mobilization and Demobilization	EA	1900	1	\$ 1,900.00
1B	Emergency condition Mobilization and Demobilization	EA	1900		\$ -
2A	Well Point System complete (pump header & points) 40FT excavation	EA	1350	1	\$ 1,350.00
2B	Additional cost for header pipe & points beyond 40FT in basic system under Item 2A (10' increase)	EA	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	EA	450	1	\$ 450.00
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6IN lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				\$ -
	i Location Invert elevation +2 to 0	EA	4500		\$ -
	ii Location Invert elevation (-)0.01 to (-)2	EA	9350	1	\$ 9,350.00
	iii Location Invert elevation (-)2.01 to (-)4	EA	11700		\$ -
	iv Location Invert elevation (-)4.01 to (-)6	EA	13850		\$ -
	v Location Invert elevation (-)6.01 to (-)8	EA	14850		\$ -
	vi Location Invert elevation (-)8.01 to (-)10	EA	15450		\$ -
4B	Additional cost for Gravity Sanitary Sewer 8 to 10IN pipe main line (not laterals) beyond 40FT of pipe (elev. 6.5)				\$ -
	i Invert elevation +2 to 0	LF	40		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	60		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	80		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	100		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	120		\$ -
	vi Invert elevation (-)8.01 to (-)10	LF	140		\$ -
4C	Additional cost for ground elevation above 6.5FT per LF of sanitary sewer main line pipe replaced				\$ -
	i Ground elevation 6.5 to 8'	LF	10		\$ -
	ii Ground elevation 8.01 to 10'	LF	20		\$ -
	iii Ground elevation over 10'	LF	30		\$ -
4D	Additional cost for replacing 12", 15", 18" or 24" diameter gravity sewer				\$ -
	i 12IN all cuts	LF	5		\$ -
	ii 15IN all cuts	LF	7		\$ -
	iii 18IN all cuts	LF	10		\$ -
5A	Additional cost to furnish and install Type 2 foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -
5B	Additional cost to furnish and install Type 2A foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -

6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	EA	450	2	\$ 900.00
7A	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	EA	500		\$ -
7B	Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7C	Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$ -
8A	Furnish/Install precast 4FT Sanitary Sewer, incl: excavation, cast iron frame & cover, 2 Pipe tie ins				\$ -
	i Manhole Invert elevation +2 to 0	EA	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	EA	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	EA	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	EA	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	EA	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				\$ -
	i Ground elevation 6.5 to 8'	LF	200		\$ -
	ii Ground elevation 8.01 to 10'	LF	400		\$ -
	iii Ground elevation over 10'	LF	600		\$ -
8C	Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections	LS	500		\$ -
9	Furnish all material, labor & equipment to: i) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install fill to replace the much & unsuitable material: <i>payment based on quantity of clean fill hauled-in & installed only</i>	CY	15		\$ -
10	Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$ -
11	Furnish & Install 12" thick limerock base road replacement	SY	21	125	\$ 2,625.00
12	Furnish & Install 2" thick asphaltic concrete between saw-cut repair	SY	23	125	\$ 2,875.00
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$ -
14	Provide traffic control & detour barricades on local residential roads	EA	675	1	\$ 675.00
15	Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$ -
16	Furnish & Install St. Augustine (Bahia) sod	SF	0.45		\$ -
17	Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.	SF	30		\$ -
18	Additional cost for leaving sheeting in place	SF	25		\$ -
19	Furnish & Install flowable fill material	CY	85		\$ -
20	Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	75		\$ -
21	Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (5) man pipe crew, incl foreman, two (2) pipe fitters, one (1) operator, (1) laborer and equipment such as; excavator, loader, plate compactor, tandem dump truck, cut-off saw, 2" pump, trailers & hand tools	1 CREW DAY	6700		\$ -
22	Restoration Allowance	Lump Sum	30000	0.1333333	\$ 4,000.00
23	Permit Allowance	Lump Sum	4000		\$ -
24	Maintenance of Traffic Allowance for collector streets, county or state	Lump Sum	25000		\$ -
25	Time & Material Allowance	Lump Sum	75000		\$ -
26	Storm Drainage Allowance	Lump Sum	25000		\$ -
TOTAL WORK ORDER COSTS:					\$ 24,125.00

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

Work Order No.: **332162**
 Address: **2878**
 Street: **ne24ct**
 Date: **1nov2013**

ESTIMATE

PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"

		Unit	Unit Price	QTY	
1A	Mobilization and Demobilization	EA	1900		\$ -
1B	Emergency condition Mobilization and Demobilization	EA	1900		\$ -
2A	Well Point System complete (pump header & points) 40FT excavation	EA	1350		\$ -
2B	Additional cost for header pipe & points beyond 40FT in basic system under Item 2A (10' increase)	EA	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	EA	450		\$ -
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6IN lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				\$ -
	i Location Invert elevation +2 to 0	EA	4500		\$ -
	ii Location Invert elevation (-)0.01 to (-)2	EA	9350		\$ -
	iii Location Invert elevation (-)2.01 to (-)4	EA	11700		\$ -
	iv Location Invert elevation (-)4.01 to (-)6	EA	13850		\$ -
	v Location Invert elevation (-)6.01 to (-)8	EA	14850		\$ -
	vi Location Invert elevation (-)8.01 to (-)10	EA	15450		\$ -
4B	Additional cost for Gravity Sanitary Sewer 8 to 10IN pipe main line (not laterals) beyond 40FT of pipe (elev. 6.5)				\$ -
	i Invert elevation +2 to 0	LF	40		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	60		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	80		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	100		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	120		\$ -
	vi Invert elevation (-)8.01 to (-)10	LF	140		\$ -
4C	Additional cost for ground elevation above 6.5FT per LF of sanitary sewer main line pipe replaced				\$ -
	i Ground elevation 6.5 to 8'	LF	10		\$ -
	ii Ground elevation 8.01 to 10'	LF	20		\$ -
	iii Ground elevation over 10'	LF	30		\$ -
4D	Additional cost for replacing 12", 15", 18" or 24" diameter gravity sewer				\$ -
	i 12IN all cuts	LF	5		\$ -
	ii 15IN all cuts	LF	7		\$ -
	iii 18IN all cuts	LF	10		\$ -
5A	Additional cost to furnish and install Type 2 foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -
5B	Additional cost to furnish and install Type 2A foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -

6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	EA	450		\$ -
7A	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	EA	500		\$ -
7B	Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7C	Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$ -
8A	Furnish/Install precast 4FT Sanitary Sewer, incl: excavation, cast iron frame & cover, 2 Pipe tie ins				\$ -
	i Manhole Invert elevation +2 to 0	EA	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	EA	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	EA	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	EA	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	EA	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				\$ -
	i Ground elevation 6.5 to 8'	LF	200		\$ -
	ii Ground elevation 8.01 to 10'	LF	400		\$ -
	iii Ground elevation over 10'	LF	600		\$ -
8C	Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections	LS	500		\$ -
9	Furnish all material, labor & equipment to: i) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install fill to replace the much & unsuitable material: <i>payment based on quantity of clean fill hauled-in & installed only</i>	CY	15		\$ -
10	Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$ -
11	Furnish & Install 12" thick limerock base road replacement	SY	21		\$ -
12	Furnish & Install 2" thick asphaltic concrete between saw-cut repair	SY	23		\$ -
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$ -
14	Provide traffic control & detour barricades on local residential roads	EA	675	1	\$ 675.00
15	Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$ -
16	Furnish & Install St. Augustine (Bahia) sod	SF	0.45		\$ -
17	Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.	SF	30		\$ -
18	Additional cost for leaving sheeting in place	SF	25		\$ -
19	Furnish & Install flowable fill material	CY	85		\$ -
20	Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	75		\$ -
21	Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (5) man pipe crew, incl foreman, two (2) pipe fitters, one (1) operator, (1) laborer and equipment such as; excavator, loader, plate compactor, tandem dump truck, cut-off saw, 2" pump, trailers & hand tools	1 CREW DAY	6700	0.5	\$ 3,350.00
22	Restoration Allowance	Lump Sum	30000	0.1833333	\$ 5,500.00
23	Permit Allowance	Lump Sum	4000		\$ -
24	Maintenance of Traffic Allowance for collector streets, county or state	Lump Sum	25000		\$ -
25	Time & Material Allowance	Lump Sum	75000		\$ -
26	Storm Drainage Allowance	Lump Sum	25000	0.804	\$ 20,100.00
TOTAL WORK ORDER COSTS:					\$ 29,625.00

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

ESTIMATE

Work Order No.: **322757**
 Address: nw 2 st
 Street: nw 15 ave
 Date: 5nov2013

PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"		Unit	Unit Price	QTY	
1A	Mobilization and Demobilization	EA	1900	1	\$ 1,900.00
1B	Emergency condition Mobilization and Demobilization	EA	1900		\$ -
2A	Well Point System complete (pump header & points) 40FT excavation	EA	1350	1	\$ 1,350.00
2B	Additional cost for header pipe & points beyond 40FT in basic system under Item 2A (10' increase)	EA	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	EA	450	1	\$ 450.00
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6IN lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				\$ -
i	Location Invert elevation +2 to 0	EA	4500		\$ -
ii	Location Invert elevation (-)0.01 to (-)2	EA	9350	1	\$ 9,350.00
iii	Location Invert elevation (-)2.01 to (-)4	EA	11700		\$ -
iv	Location Invert elevation (-)4.01 to (-)6	EA	13850		\$ -
v	Location Invert elevation (-)6.01 to (-)8	EA	14850		\$ -
vi	Location Invert elevation (-)8.01 to (-)10	EA	15450		\$ -
4B	Additional cost for Gravity Sanitary Sewer 8 to 10IN pipe main line (not laterals) beyond 40FT of pipe (elev. 6.5)				\$ -
i	Invert elevation +2 to 0	LF	40		\$ -
ii	Invert elevation (-)0.01 to (-)2	LF	60		\$ -
iii	Invert elevation (-)2.01 to (-)4	LF	80		\$ -
iv	Invert elevation (-)4.01 to (-)6	LF	100		\$ -
v	Invert elevation (-)6.01 to (-)8	LF	120		\$ -
vi	Invert elevation (-)8.01 to (-)10	LF	140		\$ -
4C	Additional cost for ground elevation above 6.5FT per LF of sanitary sewer main line pipe replaced				\$ -
i	Ground elevation 6.5 to 8'	LF	10		\$ -
ii	Ground elevation 8.01 to 10'	LF	20		\$ -
iii	Ground elevation over 10'	LF	30		\$ -
4D	Additional cost for replacing 12", 15", 18" or 24" diameter gravity sewer				\$ -
i	12IN all cuts	LF	5		\$ -
ii	15IN all cuts	LF	7		\$ -
iii	18IN all cuts	LF	10		\$ -
5A	Additional cost to furnish and install Type 2 foundation				\$ -
i	Invert elevation +2 to 0	LF	2		\$ -
ii	Invert elevation (-)0.01 to (-)2	LF	2		\$ -
iii	Invert elevation (-)2.01 to (-)4	LF	2		\$ -
iv	Invert elevation (-)4.01 to (-)6	LF	2		\$ -
v	Invert elevation (-)6.01 to (-)8	LF	2		\$ -
5B	Additional cost to furnish and install Type 2A foundation				\$ -
i	Invert elevation +2 to 0	LF	2		\$ -
ii	Invert elevation (-)0.01 to (-)2	LF	2		\$ -
iii	Invert elevation (-)2.01 to (-)4	LF	2		\$ -
iv	Invert elevation (-)4.01 to (-)6	LF	2		\$ -
v	Invert elevation (-)6.01 to (-)8	LF	2		\$ -

6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	EA	450	1	\$ 450.00
7A	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	EA	500		\$ -
7B	Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7C	Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$ -
8A	Furnish/Install precast 4FT Sanitary Sewer, incl: excavation, cast iron frame & cover, 2 Pipe tie ins				\$ -
	i Manhole Invert elevation +2 to 0	EA	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	EA	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	EA	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	EA	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	EA	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				\$ -
	i Ground elevation 6.5 to 8'	LF	200		\$ -
	ii Ground elevation 8.01 to 10'	LF	400		\$ -
	iii Ground elevation over 10'	LF	600		\$ -
8C	Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections	LS	500		\$ -
9	Furnish all material, labor & equipment to: i) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install fill to replace the muck & unsuitable material: <i>payment based on quantity of clean fill hauled-in & installed only</i>	CY	15		\$ -
10	Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$ -
11	Furnish & Install 12" thick limerock base road replacement	SY	21	45	\$ 945.00
12	Furnish & Install 2" thick asphaltic concrete between saw-cut repair	SY	23	45	\$ 1,035.00
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$ -
14	Provide traffic control & detour barricades on local residential roads	EA	675		\$ -
15	Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$ -
16	Furnish & Install St. Augustine (Bahia) sod	SF	0.45		\$ -
17	Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.	SF	30		\$ -
18	Additional cost for leaving sheeting in place	SF	25		\$ -
19	Furnish & Install flowable fill material	CY	85		\$ -
20	Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	75		\$ -
21	Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (5) man pipe crew, incl foreman, two (2) pipe fitters, one (1) operator, (1) laborer and equipment such as; excavator, loader, plate compactor, tandem dump truck, cut-off saw, 2" pump, trailers & hand tools	1 CREW DAY	6700		\$ -
22	Restoration Allowance	Lump Sum	30000	0.0833333	\$ 2,500.00
23	Permit Allowance	Lump Sum	4000		\$ -
24	Maintenance of Traffic Allowance for collector streets, county or state	Lump Sum	25000	0.112	\$ 2,800.00
25	Time & Material Allowance	Lump Sum	75000		\$ -
26	Storm Drainage Allowance	Lump Sum	25000		\$ -
TOTAL WORK ORDER COSTS:					\$ 20,780.00

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

ESTIMATE

Work Order No.: 351299
Address: 811
Street: nw 7 ave
Date: 13nov2013

PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"

		Unit	Unit Price	QTY	
1A	Mobilization and Demobilization	EA	1900	1	\$ 1,900.00
1B	Emergency condition Mobilization and Demobilization	EA	1900		\$ -
2A	Well Point System complete (pump header & points) 40FT excavation	EA	1350	1	\$ 1,350.00
2B	Additional cost for header pipe & points beyond 40FT in basic system under Item 2A (10' increase)	EA	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	EA	450	1	\$ 450.00
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6IN lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				\$ -
	i Location Invert elevation +2 to 0	EA	4500		\$ -
	ii Location Invert elevation (-)0.01 to (-)2	EA	9350		\$ -
	iii Location Invert elevation (-)2.01 to (-)4	EA	11700		\$ -
	iv Location Invert elevation (-)4.01 to (-)6	EA	13850		\$ -
	v Location Invert elevation (-)6.01 to (-)8	EA	14850	1	\$ 14,850.00
	vi Location Invert elevation (-)8.01 to (-)10	EA	15450		\$ -
4B	Additional cost for Gravity Sanitary Sewer 8 to 10IN pipe main line (not laterals) beyond 40FT of pipe (elev. 6.5)				\$ -
	i Invert elevation +2 to 0	LF	40		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	60		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	80		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	100		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	120		\$ -
	vi Invert elevation (-)8.01 to (-)10	LF	140		\$ -
4C	Additional cost for ground elevation above 6.5FT per LF of sanitary sewer main line pipe replaced				\$ -
	i Ground elevation 6.5 to 8'	LF	10		\$ -
	ii Ground elevation 8.01 to 10'	LF	20		\$ -
	iii Ground elevation over 10'	LF	30		\$ -
4D	Additional cost for replacing 12", 15", 18" or 24" diameter gravity sewer				\$ -
	i 12IN all cuts	LF	5		\$ -
	ii 15IN all cuts	LF	7		\$ -
	iii 18IN all cuts	LF	10		\$ -
5A	Additional cost to furnish and install Type 2 foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -
5B	Additional cost to furnish and install Type 2A foundation				\$ -
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -

6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	EA	450		\$ -
7A	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	EA	500		\$ -
7B	Repair/install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7C	Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$ -
8A	Furnish/Install precast 4FT Sanitary Sewer, Incl: excavation, cast iron frame & cover, 2 Pipe tie ins				\$ -
	i Manhole Invert elevation +2 to 0	EA	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	EA	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	EA	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	EA	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	EA	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				\$ -
	i Ground elevation 6.5 to 8'	LF	200		\$ -
	ii Ground elevation 8.01 to 10'	LF	400		\$ -
	iii Ground elevation over 10'	LF	600		\$ -
8C	Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections	LS	500		\$ -
9	Furnish all material, labor & equipment to: i) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install fill to replace the muck & unsuitable material: <i>payment based on quantity of clean fill hauled-in & installed only</i>	CY	15		\$ -
10	Furnish & install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$ -
11	Furnish & install 12" thick limerock base road replacement	SY	21	95	\$ 1,995.00
12	Furnish & install 2" thick asphaltic concrete between saw-cut repair	SY	23	95	\$ 2,185.00
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$ -
14	Provide traffic control & detour barricades on local residential roads	EA	675		\$ -
15	Furnish & install St. Augustine (Floritam) sod	SF	0.45		\$ -
16	Furnish & install St. Augustine (Bahia) sod	SF	0.45		\$ -
17	Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.	SF	30		\$ -
18	Additional cost for leaving sheeting in place	SF	25		\$ -
19	Furnish & install flowable fill material	CY	85		\$ -
20	Furnish & install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	75		\$ -
21	Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (5) man pipe crew, incl foreman, two (2) pipe fitters, one (1) operator, (1) laborer and equipment such as; excavator, loader, plate compactor, tandem dump truck, cut-off saw, 2" pump, trailers & hand tools	1 CREW DAY	6700		\$ -
22	Restoration Allowance	Lump Sum	30000	0.116666	\$ 3,500.00
23	Permit Allowance	Lump Sum	4000		\$ -
24	Maintenance of Traffic Allowance for collector streets, county or state	Lump Sum	25000	0.112	\$ 2,800.00
25	Time & Material Allowance	Lump Sum	75000		\$ -
26	Storm Drainage Allowance	Lump Sum	25000		\$ -
TOTAL WORK ORDER COSTS:					\$ 29,030.00