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

## WORK AUTHORIZATION # 5

TO:	City of Fort Lauderdale	CITY CONTACT:	Stan Edwards
	100 N. Andrews Ave.	PHONE:	954-828-5071
	Fort Lauderdale, FL 33301	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#	ITTAA DESCRIPTION	FCT ONTY	UNIT	UNIT PRICE	TOTAL PRICE
	ITEM DESCRIPTION	EST. QNTY			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	<sub>.</sub> 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
			TOT	AL BID PRICE:	\$ 103,560.00

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

City of Fort Lauderdale

(Authorized Signature)

Date of Acceptance:

orized Signature)

ASSIS Pani Director Public Works

of Acceptance: 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						
ES	TIN	MATE	Work Ord			3436		
			А	ddress: Street:				
				Date:		1nov2		
		PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"	Unit	Unit	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, in lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)	stall 6IN			\$	•	
	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 (el	ev. 6.5)			\$	-	
	i	Invert elevation +2 to 0	LF	40		\$	-	
	ii	Invert elevation (-)0.01 to (-)2	LF	60		\$	-	
	iii		LF	80		\$	-	
	iv	Invert elevation (-)4.01 to (-)6	LF	100		\$	-	
	v	Invert elevation (-)6.01 to (-)8	LF	120		\$	-	
	vi		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		\$	-	
	ï	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		\$	-	
	٧	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		\$		
	_	Invert elevation (-)4.01 to (-)6	LF	2		\$	-	
	٧	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		\$	-
	ij	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		\$	•
	٧	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				\$	-
	ij	Ground elevation 6.5 to 8'	LF	200		\$	-
	ü	Ground elevation 8.01 to 10'	LF	400		\$	-
	Hi	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: payment based on quantity of clean fill hauled-in & installed only	СҮ	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		S	-
20		Furnish & install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	75		\$	<u>.</u>
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			-				
ES.	TIIV	MATE	Wo	A	er No.: ddress: Street:		332162 2878 ne24ct			
<del> </del>	-	PROJECT # 11857 - "ANNUAL CONTRACT 2013	3-2014 UTILITIES REPAIRS"	Unit	Date: Unit Price	QTY	1nov2013	-		
1A		Mobilization and Demobilization	н бай жанийн 1960 он	EA	1900		\$	-		
1B		Emergency condition Mobilization and Demobilization		EA	1900		\$			
2A		Well Point System complete (pump header & points) 40FT exce	vation	EA	1350		\$	-		
2B		Additional cost for header pipe & points beyond 40FT in basic s		EA	65		\$			
3		By-Pass pump between manholes for work on gravity sewer, in	<del></del>	EA	450		\$	-		
4A		Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., ex 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 li	ine (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		\$	-		
	٧	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 sanit	ary 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 gravi	ty 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		\$	-		

	-					<u> </u>	
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 ateral line beyond 40FT from centerline of main	LF	8		\$	
7C		Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$	-
88		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		\$	-
	ti	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		\$	•
	٧	Manhole Invert elevation (-)6.01 to (-)8	EA	16850		\$	
	vi	Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$	_
88		Additional Manhole Installation cost for ground above 6.5				\$	•
	i	Ground elevation 6:5 to 8'	LF	200		\$	•
	ü	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		\$	•
		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; payment based on quantity of clean fill hauled-in &					
9		naut a install fill to replace the much a unsultable material: payment based on quantity of clean fill nauteo-in a installed only	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		20		s	_
18	_	mobilization/demobilization, shoring, bracing, etc.	SF	30	<del>                                     </del>	۲	
		Additional cost for leaving sheeting in place	SF	25		\$	
19		Furnish & Install flowable fill material Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon	CY	85		\$	
20		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	3.233333	\$	-
24	_	Maintenance of Traffic Allowance for collector streets, county or state	Lump Sum	25000		\$	<u> </u>
25		Time & Material Allowance	Lump Sum	75000	<b></b>	\$	-
26		Storm Drainage Allowance	Lump Sum		0.804	\$	20,100.00
		TOTAL WORK ORDER COSTS:				Š	29,625.00
		· · · · · · · · · · · · · · · · · · ·			_	~	,

		MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311					
F	STIF	WATE	ork Ord			3227	
-			Α	ddress:		nw 2	
				Street:			
-			_	Date:		Snovz	013
_	_	PROJECT # 11857 - "ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"	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 61N 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		\$	-
	ν	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)				\$	() <u>-</u>
	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		\$	-
		Invert elevation (-)4.01 to (-)6	LF	2		\$	
	٧	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		\$ <u>-</u>
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				\$ ٠
	i	Manhole Invert elevation +2 to 0	EA	5500		\$ •
	ä	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		\$ -
	٧	Manhole Invert elevation (-)6.01 tq (-)8	EA	16850		\$ •
	vi	Manhole invert elevation (-)8.01 to (-)10	EA	17450		\$
88		Additional Manhole Installation cost for ground above 6.5				\$ •
	i	Ground elevation 6.5 to 8'	LF	200		\$ -
	ü	Ground elevation 8.01 to 10'	LF	400		\$ 
	Ei .	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: payment based on quantity of clean fill hauled-in & installed only	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		\$ <del>-</del>
14		Provide traffic control & detour barricades on local residential roads	ĘA	675		\$ 
15		Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$ -
16		Furnish & Instali St. Augustine (Baḥia) 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 BRO	DS INC - 800 NW 27 AVE - FT LAUD - 33311		-			
E	STIF	MATE	Wo		ler No.: ddress: Street: Date:		<b>351</b> : 81 nw 7 3nov	1
		PROJECT # 11857 - "A	ANNUAL CONTRACT 2013-2014 UTILITIES REPAIRS"	Unit	Unit Price	QTY		
1A		Mobilization and Demobilization		EA	1900	1	\$	1,900.00
18		Emergency condition Mobilization	n and Demobilization	EA	1900		\$	
2A		Well Point System complete (pun	np 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			for work on gravity sewer, incl: plugs	EA	450	1	\$	450.00
4A		Repair/Replace existing Gravity Sa lateral, wye or tee, excavation. Up	anitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6IN to 40FT (Elev. 6.5)				\$	-
	i	Location Invert elevation +2 to 0		EA	4500		\$	-
	ii	Location Invert elevation (-)0.01 t	o (-)2	EA	9350		\$	
	iii	Location Invert elevation (-)2.01 t	o (-)4	EA	11700		\$	-
	iv	Location Invert elevation (-)4.01 t	o (-)6	EA	13850		\$	-
	v	Location Invert elevation (-)6.01 t		EA	14850	1	\$	14,850.00
	vi	Location Invert elevation (-)8.01 t		EA	15450		\$	
4B		Additional cost for Gravity Sanitar	y 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		\$	
	٧	Invert elevation (-)6.01 to (-)8		LF	120		\$	
	vi	Invert elevation (-)8.01 to (-)10		LF	140		\$	
4C		Additional cost for ground elevati	on 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		\$	-
Ш	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		\$	-
		15IN all cuts		LF	7		\$	-
	iii	18IN all cuts		LF	10		\$	
5A	_	Additional cost to furnish and inst	all Type 2 foundation				\$	
		Invert elevation +2 to 0		LF	2		\$	
		Invert elevation (-)0.01 to (-)2		LF	2		\$	
		Invert elevation (-)2.01 to (-)4		LF	2		\$	
		Invert elevation (-)4.01 to (-)6		LF	2		\$	<u> </u>
		Invert elevation (-)6.01 to (-)8		LF	2		\$	-
5B		Additional cost to furnish and inst	all Type 2A foundation				\$	-
	_	Invert elevation +2 to 0		LF	2		\$	
		Invert elevation (-)0.01 to (-)2		LF	2		\$	
		Invert elevation (-)2.01 to (-)4		LF	2		\$	
1		Invert elevation (-)4.01 to (-)6 Invert elevation (-)6.01 to (-)8		LF LF	2 2		\$	
	٧	invert cicagnou (-lovot to (-lo		LF	2		2	-

Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Provide traffic control & detour barricades on local residential roads  Furnish & Install St. Augustine (Floritam) sod  Furnish & Install St. Augustine (Bahia) sod  Furnish & Install St. Augustine (Bahia) sod  Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.  Additional cost for leaving sheeting in place  Furnish & Install flowable fill material  Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion  Labor & Equipment charges for msc. work not covered by other contract items, requiring the utilization of a few (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  Permit Allowance  Maintenance of Traffic Allowance for collector streets, county or state  Lump Sum		_						
Secretaries de area under AA   EA   500   \$	6			EA	450		\$	
Additional lateral repair cost for all ground elevations above 6.5	7A		li i i i i i i i i i i i i i i i i i i	EA	500		\$	•
Furnish/Install precast 4FT Sanitary Sewer, Incl. excavation, cast iron frame & cover, 2 Pipe tie ins	7B		Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$	
1   Manhole Invert elevation (-)0.01 to (-)2	7C		Additional lateral repair cost for all ground elevations above 6.5	EA	100		\$	•
Marchole Invert elevation (-)2.01 to (-)2   Marchole Invert elevation (-)2.01 to (-)4   Marchole Invert elevation (-)2.01 to (-)4   Marchole Invert elevation (-)4.01 to (-)6   Marchole Invert elevation (-)4.01 to (-)18   Additional Marchole Installation cost for ground above 5.5   Additional Marchole Installation cost for ground above 5.5   Ground elevation 6.5 to 8'	<b>8</b> A		Furnish/Install precast 4FT Sanitary Sewer, Incl: excavation, cast iron frame & cover, 2 Pipe tie ins				\$	•
Manhole Invert elevation (-)2.01 to (-)-4		i		EA	5500		\$	
Manhole Invert elevation (-)4.01 to (-)6		ä	Manhole Invert elevation (-)0.01 tq (-)2	EA	10700		\$	
V   Manhole Invert elevation (-)6.01 to (-)8		H	Manhole Invert elevation (-)2.01 to (-)4	EA	13650		\$	-
Manhole (invert elevation (-)8.01 to (-)10		iv	Manhole Invert elevation (-)4.01 to (-)6	EA	15850		\$	-
Additional Manhole Installation cost for ground above 6.5   Forund elevation 6.5 to 8'   Forund elevation 6.5 to 8'   Forund elevation over 10'   Forund elevation elevation over 10'   Forund elevation elevation elevation over 10'   Forund elevation elevati		٧	Manhole Invert elevation (-)5.01 to (-)8	EA	16850		\$	•
Ground elevation 8.01 to 10"   LF   400   S		vi	Manhole Invert elevation (-)8.01 to (-)10	EA	17450		\$	-
B   Ground elevation 8.01 to 10'   IF   400   S	88		Additional Manhole Installation cost for ground above 6.5				\$	-
### Bill Ground elevation over 107   ### Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections   ### Furnish all material, labor & equipment to: 1) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install filt or replace the much & unsuitable material; payment based on quantity of clean fill hauled-in & install filt or replace the much & unsuitable material; payment based on quantity of clean fill hauled-in & install filt or replace the much & unsuitable material; payment based on quantity of clean fill hauled-in & install 12° thick timerock base road replacement   ### Struish & Install 12° thick timerock base road replacement   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut repair   ### Struish & Install 12° thick saphalits concrete between saw-cut saphalits saphalits control & Action 12° thick saphalits sapha	İ	i	Ground elevation 6.5 to 8'	LF	200		_	-
Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections    Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections   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: payment bosed on quantity of clean fill hauled-in & install fill to replace the much & unsuitable material: payment bosed on quantity of clean fill hauled-in & CY 15 \$ \$ - \$   Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"		H	Ground elevation 8.01 to 10'	LF	400		\$	-
Furnish all material, labor & equipment to: I) excavate, haul & dispose of muck & unsultable material; II) supply, haul & install fill to replace the much & unsultable material: poyment bosed on quantity of clean fill hauled-in & install ductile iron pipe fittings, 350 rating sizes 4-24"  10 Furnish & Install 12" thick limerock base road replacement  11 Furnish & Install 12" thick sphaltic concrete between saw-cut repair  12 Furnish & Install 2" thick sphaltic concrete between saw-cut repair  13 Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  14 Provide traffic control & detour barricades on local residential roads  15 Furnish & Install St. Augustine (Floritam) sod  16 Furnish & Install St. Augustine (Bahia) sod  17 Furnish & Install st. Augustine (Bahia) sod  18 Additional cost for leaving sheeting in place  19 Furnish & Install Rowable fill material  20 Furnish & Install Bowable fill material  21 Eurnish & Install Bowable fill material  22 Eurnish & Install Rowable fill material  23 Permit Allowance  24 Restoration Allowance  25 Farsh Allowance  26 Storm Drainage Allowance  27 Inme & Material Allowance  28 Maintenance of Traffic Allowance  29 Formit & Ballowance  29 Furnish & Material Allowance  20 Furnish & Material Allowance  20 Furnish & Install Rowable fill material  21 Europ Sun Permit Allowance  22 Restoration Allowance  23 Permit Allowance  24 Maintenance of Traffic Allowance for collector streets, county or state  25 Storm Drainage Allowance  26 Storm Drainage Allowance  27 Lump & Material Allowance  28 Storm Drainage Allowance  29 Storm Drainage Allowance  29 Storm Drainage Allowance  20 Sun Permit Allowance  20 Sun Permit Allowance  20 Maintenance of Traffic Allowance  21 Time & Material Allowance  22 Storm Drainage Allowance  23 Storm Drainage Allowance  24 Maintenance of Traffic Allowance  25 Storm Drainage Allowance		Ħ	Ground elevation over 10'	LF	600		\$	<u>-</u>
haul & Install fill to replace the much & unsultable material: polyment bosed on quantity of clean fill hauled-in & CY 15 \$  Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	8C		Additional manhole installation for more than 2 pipe tie ins, approx. 2 connections	LS	500		\$	-
installed only  Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"  Furnish & Install 12" thick limerock base road replacement  Furnish & Install 12" thick limerock base road replacement  Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Furnish & Install St. Augustine (Floritam) sod  Furnish & Install St. Augustine (Floritam) sod  Furnish & Install St. Augustine (Bahla) sod  Furnish & Install St. Augustine (Ba								
Furnish & Install 12" thick limerock base road replacement  Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish & Install 2" thick asphaltic concrete between saw-cut repair  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Furnish & Install St. Augustine (Floritam) sod  Furnish & Install St. Augustine (Floritam) sod  Furnish & Install St. Augustine (Bahia) sod  Furnish & Install Install St. Augustine (Bahia) sod  Furnish & Install Install St. Augustine (Bahia) sod  Furnish & Install I	9			СҮ	15		\$	-
Furnish & install 2" thick asphaltic concrete between saw-cut repair  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Furnish & install St. Augustine (Floritam) sod  Furnish & install solvent in place  Furnish & install solvent in place  Furnish & install flowable fill material, shoring, bracing, etc.  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  Permit Allowance  Restoration Allowance  Maintenance of Traffic Allowance for collector streets, county or state  LumpSum 75000  St  LumpSum 75000  St  Storm Drahage Allowance  LumpSum 75000  St  LumpSum	10		Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$	•
Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"  Provide traffic control & detour barricades on local residential roads  Furnish & install St. Augustine (Floritam) sod  Furnish & install St. Augustine (Bartia) sod  Furnish & install St. Augustine (Bartia) sod  Furnish & install St. Augustine (Bartia) sod  Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl  mobilization/demobilization, shoring, bracing, etc.  SF 30 \$  Additional cost for leaving sheeting in place  SF 25 \$  Furnish & install flowable fill material  Furnish & install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion  DAYS 75 \$  Labor & Equipment charges for misc. work not covered by other contract items, requiring the utilization of a five (S) 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  Permit Allowance  Restoration Allowance  Lump Sum 30000 0.1156666 \$ 3,500.00  Adintenance of Traffic Allowance for collector streets, county or state  Lump Sum 75000 \$ \$  Lump Sum 75000 \$	11		Furnish & Install 12" thick limerock base road replacement	SY	21	95	\$	1,995.00
Provide traffic control & detour barricades on local residential roads	12		Furnish & Install 2" thick asphaltic concrete between saw-cut repair	SY	23	95	\$	2,185.00
Furnish & Install St. Augustine (Floritam) sod	13		Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$	-
Furnish & Install St. Augustine (Bahia) sod  Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.  Additional cost for leaving sheeting in place  SF 25 \$ -  Eurnish & Install flowable fill material Additional cost for leaving sheeting in place  SF 25 \$ -  Furnish & Install flowable fill material CY 85 \$ -  Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion  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  Permit Allowance  Restoration Allowance  Ump Sum 4000 \$ -  Maintenance of Traffic Allowance for collector streets, county or state  Time & Material Allowance  Lump Sum 75000 \$ \$ -  Lump Sum 7500	14		Provide traffic control & detour barricades on local residential roads	EA	675		\$	-
Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.  Additional cost for leaving sheeting in place  Furnish & Install flowable fill material  Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion  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  Restoration Allowance  Permit Allowance  Maintenance of Traffic Allowance for collector streets, county or state  Lump Sum Toolo  \$ - \text{Ump Sum} 75000	15		Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$	-
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 \$ - 19 Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion \$ DAYS 75 \$ \$ - 10 DAYS 75 \$ \$ \$ - 10 DAYS 75 \$ \$ \$ - 10 DAYS 75 \$ \$ - 10 DAY	16		Furnish & Install St. Augustine (Bahia) scd	SF	0.45		\$	
Additional cost for leaving sheeting in place  Furnish & Install flowable fill material  CY 85 \$ -  Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon completion  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  Restoration Allowance  Permit Allowance  Maintenance of Traffic Allowance for collector streets, county or state  Lump Sum 4000 \$ -  Time & Material Allowance  Lump Sum 75000 \$ -  Lump	17		· 1	SF	30		\$	
Furnish & Install flowable fill material  CY 85 -  Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon  completion  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  Restoration Allowance  Permit Allowance  Maintenance of Traffic Allowance for collector streets, county or state  Lump Sum 4000 \$ -  Time & Material Allowance  Lump Sum 75000 \$ -  Lump Sum 7500	18			SF	25			•
Furnish & Install temporary traffic bearing steel plate, 1" x 10" x 20" when called for & remove/haul upon  DAYS 75 \$	19			СУ	85		\$	-
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  Restoration Allowance  Permit Allowance  Maintenance of Traffic Allowance for collector streets, county or state  Material Allowance  Lump Sum  John John John John John John John John	20		Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon		75			•
22       Restoration Allowance       Lump Sum       30000       0.1166666       \$ 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 Orainage Allowance       Lump Sum       25000       \$ -	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:	CREW	6700		\$	•
Permit Allowance Lump Sum 4000 \$  Maintenance of Traffic Allowance for collector streets, county or state Lump Sum 25000 0.112 \$ 2,800.00  Time & Material Allowance Lump Sum 75000 \$ \$  Storm Drainage Allowance Lump Sum 25000 \$ \$	22			Lump Sum		0.1156666		3,500.00
Maintenance of Traffic Allowance for collector streets, county or state  Lump Sum 25000 0.112 \$ 2,800.00  Time & Material Allowance	23				4000		\$	-
26 Storm Drainage Allowance Lump Sum 25000 \$ -	24			Lump Sum	25000	0.112	\$	2,800.00
	25		Time & Material Allowance	Lump Sum	75000		\$	•
TOTAL WORK ORDER COST\$: \$ 29,030.00	26		Storm Drainage Allowance	Lump Sum	25000		\$	-
			TOTAL WORK ORDER COST\$:				\$	29,030.00