

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

ESTIMATE

Date: 10/20/2015

Work Order No.:

Address:

Street:

Start Date:

End Date:

ESTIMATE

E Las Olas

17th St Bridge

TBD

TBD

PROJECT # 11905 - ANNUAL UTILITIES RESTORATION : 2014-2015		Unit	Cost	Qty	
1	Mobilization and Demobilization	Location	2800	1	\$ 2,800.00
2	Well Point System complete (pump header & points) 40FT excavation	Location	1350		\$ -
2A	Additional cost for header pipe & points beyond 40FT in basic system under Item 2 (10' increase)	Location	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	Location	450		\$ -
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6-inch lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				
	i Location Invert elevation +2 to 0	Location	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 12-inch, all depths	LF	5		\$ -
	ii 15-inch, all depths	LF	7		\$ -
	iii 18-inch, all depths	LF	10		\$ -
5	Additional cost to furnish and install foundation stabilization, 1 foot deep increments				
	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	Connections	750		\$ -
7	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	Stacks	750		\$ -
7A	Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7B	Additional lateral repair cost for all ground elevations above 6.5	Location	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	Manhole	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	Manhole	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	Manhole	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	Manhole	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	Manhole	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	Manhole	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				
	i Ground elevation 6.5 to 8'	Manhole	200		\$ -
	ii Ground elevation 8.01 to 10'	Manhole	400		\$ -
	iii Ground elevation over 10'	Manhole	600		\$ -

8C	Additional manhole installation for more than 2 pipe tie ins	Connections	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 or milled repair area	SY	23	583	\$ 13,409.00
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20	331	\$ 6,620.00
14	Provide traffic control & detour barricades on local residential roads	Locations	875		\$ -
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	35		\$ -
18	Additional cost for leaving sheeting in place	SF	25		\$ -
19	Furnish & Install flowable fill material	CY	85	36	\$ 3,060.00
20	Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	150	16	\$ 2,400.00
21	Restoration Allowance	AL	30000	1.3527675	\$ 40,583.03
22	Permit Allowance	AL	5000		\$ -
23	Maintenance of Traffic Allowance for collector streets, county or state	AL	25000		\$ -
24	Time & Material Allowance				
	Foreman	HR	49	81	\$ 3,969.00
	Lead Pipe Layer	HR	38	61	\$ 2,318.00
	Tail Pipe Layer	HR	25	40	\$ 1,000.00
	Truck Driver	HR	25	49	\$ 1,225.00
	Laborer	HR	20	18	\$ 360.00
	Excavator Operator	HR	32	40	\$ 1,280.00
	Loader Operator	HR	30	58	\$ 1,740.00
	Cat 330	HR	125	40	\$ 5,000.00
	Cat 225	HR	100	0	\$ -
	Cat 305	HR	90	31	\$ 2,790.00
	Cat 950	HR	85	0	\$ -
	Cat 936	HR	85	0	\$ -
	Cat 259	HR	80	40	\$ 3,200.00
	Combination Backhoe/Front End Loader	HR	45	0	\$ -
	Vibrator compactor, 5 ton	HR	45	0	\$ -
	Asphalt roller, 5-8 ton	HR	45	0	\$ -
	Vibratory plate compactor	HR	25	10	\$ 250.00
	road grader (medium, Cat12 or equal)	HR	75	0	\$ -
	Low Boy 50-T	HR	125	17	\$ 2,125.00
	20' Flt Trk	HR	68	12	\$ 816.00
	Paver, road class 8'-12'	HR	85	0	\$ -
	Trench Bx 6x16	HR	25	0	\$ -
	Trench Bx 8x20	HR	30	0	\$ -
	Trench Bx 8x24	HR	30	0	\$ -
	Sed Box, 7000gal	HR	35	0	\$ -
	Sed Box, 9000gal	HR	35	0	\$ -
	Pump, 8" Sub + 400ft discharge hose	HR	60	0	\$ -
	Pump, 6" Sub + 400ft discharge hose	HR	55	0	\$ -
	Pump, 4" Sub + 400ft discharge hose	HR	40	0	\$ -
	Pump, 3" Cent + 400ft discharge hose	HR	35	0	\$ -
	Pump, 2" Cent + 400ft discharge hose	HR	30	0	\$ -
	Dump Truck, Single axel	HR	35	0	\$ -
	Dump Truck, Double axel	HR	70	28	\$ 1,960.00
	Cut off saw	HR	50	40	\$ 2,000.00
	Hydraulic concrete chain saw	HR	100	0	\$ -
	Small Tools	HR	35	58	\$ 2,030.00
	Turbidity Screen/barrier	HR	8	0	\$ -
	Material Allowance	AL	15000		\$ -
25	Storm Drainage Allowance	AL	25000		\$ -
26	Bond Allowance	AL	10000		\$ -
TOTAL WORK ORDER COSTS:					\$ 100,935.03

A & A Drainage And Vac Services

AKA : Marine Waste Pumping

PO Box 328707
Southwest Ranches, FL
33332-8707

(954)680-0294
jim@aadrainage.com
<http://www.a-a.co>



Invoice

Date	Invoice #
09/30/2015	3809
Terms	Due Date
Net 30	10/30/2015

Bill To
City of Fort Lauderdale

Ship To
Riviera Isles (sewer control)

Amount Due	Enclosed
\$16,710.00	

Please detach top portion and return with your payment.

Activity	Quantity	Rate	Amount
• transfer sewage from station 3 trucks 10a-5p 9-30-15	21	115.00	2,415.00
• transfer sewage from station 3 trucks 5p - 7a 9-30-15	42	125.00	5,250.00
• transfer sewage from station 3 trucks 7a-5p 10-01-15 (note 1 truck down for 3 hours)	27	115.00	3,105.00
• transfer sewage from station 3 trucks 5p-7a 10-01-15	42	125.00	5,250.00
• transfer sewage from station 3 trucks 7a-5p 10-02-15	6	115.00	690.00
Total			\$16,710.00

CC# 15-1A-D-19626

Invoices not paid within the noted terms will be charged a late fee of 10 percent per week.

Johnson Environmental Services
 4700 Powerline Road
 Fort Lauderdale, FL 33309
 Phone: 954-776-5931
 Fax: 954-776-5955

RECEIVED
 CENTRAL ACCOUNTING
 2015 OCT -6 AM 11:03

Invoice

Date	Invoice #
9/30/2015	721

Bill To
 CITY OF FT LAUDERDALE
 KEITH HUTCHINSON
 100 N ANDREWS AVE
 FT LAUDERDALE, FL 33301

ORIGINAL

PO#?

Ship To
 CALLED IN BY VINCENT BROWN STEVEN ROBERTS
 EMERGENCY SERVICES
 SANITARY SEWER LINE ON
 LAS OLAS ISLES

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30		9/30/2015			
Quantity	Item Code	Description	Price Each	Amount		
		WORK COMPLETED ON 9/28/2015: EMERGENCY SERVICES				
12	PUMMISC	PUMP TRUCK # 1 EMERGENCY SERVICES 5:00PM-5:00AM	175.00	2,100.00		
12	PUMMISC	PUMP TRUCK # 2 EMERGENCY SERVICES 5:00PM-5:00AM	175.00	2,100.00		
12	PUMMISC	PUMP TRUCK # 3 EMERGENCY SERVICES 5:00PM-5:00AM	210.00	2,520.00		
12	PUMMISC	PUMP TRUCK # 4 EMERGENCY SERVICES 5:00PM-5:00AM	210.00	2,520.00		
		TOTAL LOADS PUMPED 220,000 GALLONS				
		WORK COMPLETED ON 9/29/2015: EMERGENCY SERVICES				
11.5	PUMMISC	PUMP TRUCK # 1 EMERGENCY SERVICES 5:00PM-4:30PM	175.00	2,012.50		
11.5	PUMMISC	PUMP TRUCK # 2 EMERGENCY SERVICES 5:00PM-4:30PM	175.00	2,012.50		
11.5	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 5:00PM-4:30PM	210.00	2,415.00		
11.5	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 5:00PM-4:30PM	210.00	2,415.00		
8.5	PUMMISC	PUMP TRUCK #5 EMERGENCY SERVICES 8:00AM-4:30PM	265.00	2,252.50		
6	PUMMISC	PUMP TRUCK #6 EMERGENCY SERVICES 11:00AM-5:00PM	265.00	1,590.00		
		TOTAL LOADS PUMPED 228,000 GALLONS				
11.5	PUMMISC	PUMP TRUCK #1 EMERGENCY SERVICES 4:30PM-4:00AM	175.00	2,012.50		
12.5	PUMMISC	PUMP TRUCK #2 EMERGENCY SERVICES 4:30PM-5:00AM	175.00	2,187.50		
12.5	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 4:30PM-5:00AM	210.00	2,625.00		
12.5	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 4:30PM-5:00AM	210.00	2,625.00		
			Total			

Johnson Environmental Services

4700 Powerline Road
Fort Lauderdale, FL 33309

Phone: 954-776-5931

Fax: 954-776-5955

Invoice

Date	Invoice #
9/30/2015	721

Bill To

CITY OF FT LAUDERDALE
KEITH HUTCHINSON
100 N ANDREWS AVE
FT LAUDERDALE FL 33301

Ship To

CALLED IN BY VINCENT BROWN STEVEN ROBERTS
EMERGENCY SERVICES
SANITARY SEWER LINE ON
LAS OLAS ISLES

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30		9/30/2015			
Quantity	Item Code	Description	Price Each	Amount		
9.5	PUMMISC	PUMP TRUCK #5 EMERGENCY SERVICES 7:00PM-4:30AM TOTAL LOADS PUMPED 236,000 GALLONS WORK COMPLETED ON 9/30/2015	265.00	2,517.50		
12	PUMMISC	PUMP TRUCK #1 EMERGENCY SERVICES 5:00AM- 5:00PM	175.00	2,100.00		
12	PUMMISC	PUMP TRUCK #2 EMERGENCY SERVICES 5:00AM- 5:00PM	175.00	2,100.00		
12	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 5:00AM- 5:00PM	210.00	2,520.00		
19.5	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 5:00AM- 4:30PM	210.00	2,415.00		
7	PUMMISC	PUMP TRUCK #5 EMERGENCY SERVICES 10:00AM- 5:00PM	265.00	1,855.00		
11.5	PUMMISC	PUMP TRUCK #6 EMERGENCY SERVICES 8:30AM-8:00PM TOTAL LOADS PUMPED 216,000 GALLONS	265.00	3,047.50		
12.5	PUMMISC	PUMP TRUCK #1 EMERGENCY SERVICES 4:00PM- 4:30AM	175.00	2,187.50		
12.5	PUMMISC	PUMP TRUCK #2 EMERGENCY SERVICES 4:00PM- 4:30AM	175.00	2,187.50		
12.5	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 4:00PM- 4:30AM	210.00	2,625.00		
12.5	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 4:00PM- 4:30AM	210.00	2,625.00		
12	PUMMISC	PUMP TRUCK #5 EMERGENCY SERVICES 8:00PM-8:00AM TOTAL LOADS PUMPED 228,000 GALLONS	265.00	3,180.00		
			Total	\$60,747.50		

Johnson Environmental Services
 4700 Powerline Road
 Fort Lauderdale, FL 33309
 Phone: 954-776-5931
 Fax: 954-776-5955

RECEIVED
 CENTRAL ACCOUNTING

2015 OCT -6 AM 11:05

Invoice

Date	Invoice #
10/2/2015	722

Bill To

CITY OF FT LAUDERDALE
 KEITH HUTCHINSON
 100 N ANDREWS AVE
 FT LAUDERDALE, FL 33301

PO # ?

Ship To

CALLED IN BY VINCENT BROWN STEVEN ROBERTS
 EMERGENCY SERVICES
 SANITARY SEWER LINE ON
 LAS OLAS ISLES

ORIGINAL

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30		10/2/2015			
Quantity	Item Code	Description	Price Each	Amount		
		WORK COMPLETED ON 10/01/2015: EMERGENCY SERVICES				
7.5	PUMMISC	PUMP TRUCK # 1 EMERGENCY SERVICES 4:00AM-7:30AM; 12:30PM-4:30PM	175.00	1,312.50		
12.5	PUMMISC	PUMP TRUCK # 2 EMERGENCY SERVICES 4:00AM-4:30PM	175.00	2,187.50		
12.5	PUMMISC	PUMP TRUCK # 3 EMERGENCY SERVICES 4:00AM-4:30PM	210.00	2,625.00		
12.5	PUMMISC	PUMP TRUCK # 4 EMERGENCY SERVICES 4:00AM-4:30PM	210.00	2,625.00		
8	PUMMISC	PUMP TRUCK # 5 EMERGENCY SERVICES 8:30AM-4:30PM	265.00	2,120.00		
7.5	PUMMISC	PUMP TRUCK #6 EMERGENCY SERVICES 9:00AM-4:30PM	265.00	1,987.50		
		TOTAL LOADS PUMPED 252,000 GALLONS				
11.5	PUMMISC	PUMP TRUCK # 1 EMERGENCY SERVICES 4:30PM-4:00AM	175.00	2,012.50		
11.5	PUMMISC	PUMP TRUCK # 2 EMERGENCY SERVICES 4:30PM-4:00AM	175.00	2,012.50		
11.5	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 4:30PM-4:00AM	210.00	2,415.00		
11.5	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 4:30PM-4:00AM	210.00	2,415.00		
11	PUMMISC	PUMP TRUCK #5 EMERGENCY SERVICES 4:30PM-4:00AM	265.00	2,915.00		
		TOTAL LOADS PUMPED 200,000 GALLONS				
		WORK COMPLETED ON 10/02/2015: EMERGENCY SERVICES				
3	PUMMISC	PUMP TRUCK #1 EMERGENCY SERVICES 5:00AM-8:00AM	175.00	525.00		
3	PUMMISC	PUMP TRUCK #2 EMERGENCY SERVICES 5:00AM-8:00AM	175.00	525.00		
3	PUMMISC	PUMP TRUCK #3 EMERGENCY SERVICES 5:00AM-8:00AM	210.00	630.00		
			Total			

Johnson Environmental Services

4700 Powerline Road
Fort Lauderdale, FL 33309

Phone: 954-776-5931

Fax: 954-776-5955

Invoice

Date	Invoice #
10/2/2015	722

Bill To
CITY OF FT LAUDERDALE KEITH HUTCHINSON 100 N ANDREWS AVE FT LAUDERDALE FL 33301

Ship To
CALLED IN BY VINCENT BROWN STEVEN ROBERTS EMERGENCY SERVICES SANITARY SEWER LINE ON LAS OLAS ISLES

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30		10/2/2015			
Quantity	Item Code	Description			Price Each	Amount
3	PUMMISC	PUMP TRUCK #4 EMERGENCY SERVICES 5:00AM-8:00AM TOTAL LOADS PUMPED 28,000 GALLONS			210.00	630.00
					Total	\$26,937.50