



City of Dania Beach  
Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-3741 · (954) - 923-1109 (fax)

**MEMORANDUM**

TO: Robert Baldwin, City Manager  
Colin Donnelly, Assistant City Manager

FROM: Dominic F. Orlando, Director of Public Services  
Ronnie S. Navarro, City Engineer

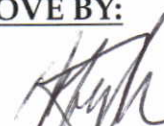
Date: October 2, 2012

RE: Intercounty Engineering Invoice - Cost of Work due to Flooding at Lift Station 7

Intercounty was the contractor for Phase 1 Lift Station Project. Flooding incident occurred after Lift Station 7 was placed back in service. Contractor was directed to investigate and make necessary repairs. Also, to minimize by-pass pumping cost work needed to be done ASAP. We did not know reason for the flooding. Our initial position was it was Contractor's problem and repair would be covered under warrantee. Once the repair work was done and station was placed back in service the cause of the station flooding was determined to be due to a faulty check valve on the existing sump pump discharge piping. The sump pump is located in the chamber (below grade) where the pumps and control panel are located. The sump pump discharges into the wet well where the sewerage flows into. If the levels in the wet well rises to the level of the sump pump discharge piping the flow can enter the sump pump discharge piping. If the check valve is faulty, flow will flow back through the sump pump and enter the chamber where the control panel is located. Once we confirmed the faulty check valve and the area did flood as determined we filed the insurance claim.

Check No. 197401 dated 4/6/12 in the amount of \$48,665.09 was received and credited to account 402-00-00-369-91-01. This check should have been paid to Intercounty and not credited to City account. Since this check was credited to the City and not paid to Intercounty for the repair work done, Intercounty still has not been paid. Public Services Department is requesting your approval to have Finance pay the overdue Intercounty invoice for cost of work due to flooding of Lift Station 7 in the amount of \$48,458.49. Copy of invoice is enclosed.

**APPROVE BY:**

  
Robert Baldwin  
(City Manager)

*Bob,  
insurance claims are paid  
to city, not to 3rd parties. it  
is my understanding that a pro.  
was not issued prior repair  
work.*

*ed*



**INTERCOUNTY ENGINEERING, INC.**

1925 NW 18<sup>TH</sup> STREET  
 POMPANO BEACH, FL 33069  
 TEL: (954) 972-9800 FAX: (954) 974-0042

BILL TO: Attn: Jenna Chamberlain, PE  
**CALVIN, GIORDANO & ASSOCIATES INC.**  
 1800 Eller Drive  
 Ft. Lauderdale, FL

PROJECT NAME: **Dania Beach Lift Station #7**

DATE: **03/23/2012**

*Invoice: LS7*  
 WORK DATES: See below

REFERENCE: **Extra work due to the flooding of Lift station #7. From 11/8/10 to 1/3/11. For a total of 57 days. Diesel Pump for 43 days and Electrical pump for 14 days.**

**COST OF WORK DUE TO FLOODING AT LS#7**

**1. INTERCOUNTY ENGINEERING, INC. LABOR:**

Qty	Description:	Overtime	Straight	Hourly	Extension
<b>11/08/10 Problem with LS #7 discovered. Intercounty installed a by pass system.</b>					
1	Project Manager		9.5	\$ 60.00	\$570.00
1	Project Foreman	3	3.5	\$ 40.00	\$320.00
1	Skilled Laborer	3	3.5	\$ 18.00	\$144.00
<b>11/09/10 Inspect efficiency of by pass system.</b>					
1	Project Manager		1	\$ 60.00	\$60.00
<b>11/10/10 Met with Champions Controls to get a quote for a new Control Panel.</b>					
1	Project Manager		2	\$ 60.00	\$120.00
<b>11/11/10 Met with CGA personnel on site.</b>					
1	Project Manager		2	\$ 60.00	\$120.00
<b>11/15/10 Suction line clogged, Intercounty personnel fix the problem.</b>					
1	Project Manager		3	\$ 60.00	\$180.00
1	Project Foreman	0.5	2.5	\$ 40.00	\$130.00
1	Skilled Laborer	0.5	2.5	\$ 18.00	\$58.50
<b>11/17/10 Suction line clogged, Intercounty personnel fix the problem.</b>					
1	Project Foreman		2	\$ 40.00	\$80.00
<b>11/24/10 Suction line clogged, Intercounty personnel fix the problem.</b>					
1	Project Foreman	1	2	\$ 40.00	\$140.00
1	Skilled Laborer	1	2	\$ 18.00	\$63.00
<b>11/29/10 Suction line clogged, Intercounty personnel fix the problem.</b>					
1	Project Foreman		4	\$ 40.00	\$160.00
1	Skilled Laborer		4	\$ 18.00	\$72.00
<b>12/15/10 Started installation of temporary electrical service for an electrical pump.</b>					
1	Electrician		7	\$ 20.00	\$140.00
1	Project Foreman		2	\$ 40.00	\$80.00
1	Skilled Laborer		2	\$ 18.00	\$36.00
<b>12/16/10 Finished installation of temporary electrical service for an electrical pump.</b>					
1	Electrician		3.5	\$ 20.00	\$70.00
<b>12/20/10 Remove diesel by-pass pump and installed electrical by-pass pump and connected electrical by-pass pump to temporary service.</b>					
1	Electrician		8	\$ 20.00	\$160.00
1	Project Foreman		6	\$ 40.00	\$240.00
1	Skilled Laborer		6	\$ 18.00	\$108.00
<b>12/21/10 Suction line clogged, Intercounty personnel fix the problem.</b>					
1	Project Foreman	1	1	\$ 40.00	\$100.00



1	Skilled Laborer	0.5	1	\$ 18.00	\$31.50
<b>01/03/11 Removed By-pass system</b>					
1	Project Foreman		2.5	\$ 40.00	\$100.00
2	Skilled Laborer		2.5	\$ 18.00	\$90.00
1	Class A Driver		3	\$ 25.00	\$75.00
<b>Subtotal</b>					<b>\$3,448.00</b>
Contractors I & T @ 50%					\$1,724.00

**Subtotal** \$5,172.00

**2. INTERCOUNTY ENGINEERING, INC. MATERIAL:**

Item #	Description	Qty	Unit	Price	Extension
1	Gexpro Electrical Mat. Invoice	1	ls	\$ 904.80	\$904.80
2	Gexpro Electrical Mat. Invoice	1	ls	\$ 34.63	\$34.63
3	Temp. Transformer and panel rack	1	ls	\$ 85.00	\$85.00
4	Suction&Discharge hoses & check valve	1	ls	\$ 90.00	\$90.00
5	Fuel (6.14 weeks x 336 gl/wk)	2063.04	gallon	\$ 2.95	\$6,085.97
<b>Subtotal</b>					<b>\$7,200.40</b>
6% sales tax					\$432.02

**Subtotal** \$7,632.42

**3. INTERCOUNTY ENGINEERING, INC. EQUIPMENT:**

Qty	Description	Qty	Unit	Price	Extension
1	Pick up truck w/tools	47.5	hour	\$ 25.00	\$ 1,187.50
1	Mustang Excavator (11/8/10 to 1/3/11)	8.14	week	\$1,302.00	\$ 10,598.28
1	Tag along 12 Tn Trailer	3	hour	\$ 6.00	\$ 18.00
1	Lowboy	3	hour	\$ 61.00	\$ 183.00
1	Bypass syst. Diesel(43/7 = 6.14 wks)	6.14	week	\$1,167.00	\$ 7,165.38
1	Bypass syst. Elect.(14/7 = 2 wks)	2	week	\$ 770.00	\$ 1,540.00
1	Suction&Discharge hoses & check valve	8.14	week	\$ 14.00	\$ 113.96
1	Fuel Truck w/ Operator (3 hours per day, every day = 3 x 43 days = 129 hours)	129	hour	\$ 57.00	\$ 7,353.00
1	Telemetry box	8.14	week	\$ 18.00	\$ 146.52

**Subtotal** \$28,305.64

**4. INTERCOUNTY ENGINEERING, INC. SUBCONTRACTORS:**

Item #	Description	Qty	Unit	Rate	Extension

**Subtotal** \$0.00

Labor	\$5,172.00
Materials	\$7,632.42
Contractors Equipment	\$28,305.64
Subcontractors	\$0.00
Sub Total	\$41,110.06
O & P 15% of sub total	\$6,166.51
<b>Total</b>	<b>\$47,276.57</b>
2.5% bond	\$1,181.91
<b>**GRAND TOTAL</b>	<b>\$48,458.49</b>

Approved for Payment By:

*PJO*  
9/14/2012