



CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 8/17/10

SUBJECT: Waiver of normal bidding procedures and revalidation of sole-source contract with Florida Detroit Diesel-Allison for Replacement of two Generator Radiators at the Reclaimed Water Plant.

DEPARTMENT: PUBLIC UTILITIES

RECOMMENDED MOTION: To waive the formal bidding process, and to validate Florida Detroit Diesel-Allison as the sole source vendor for generator service, and to authorize a purchase order to Florida Detroit Diesel-Allison for replacement of two generator radiators at the Reclaimed Water Plant, in the amount of \$62,676.72.

SUMMARY: Emergency electrical generators are a critical component to reliably ensure the safe and continuous treatment of sanitary sewer. Should FPL service be interrupted, the Reclaimed Water Plant relies upon a pair of electrical generators working in concert to supply the power required to run the mechanical and electrical components of the treatment process. The two existing generators have been in service since 2001. The hostile, corrosive nature of the gases at the Reclaimed Water Plant environment has led to the failure of the radiator units on the two existing generators. While temporary repairs have been completed by Florida Detroit Diesel-Allison (FDDA) working in concert with Public Utilities staff, a permanent repair is absolutely essential.

FDDA is the City's sole source vendor for generator service and repair. They supplied a cost in excess of \$80,000 to refurbish the existing radiators. However, they also estimated replacement cost at \$62,676.72. The estimate includes removal and disposal of the existing units. Additionally, as part of emergency preparedness, the cost includes temporary rental of a generator unit to be on site during the radiator replacement.

Fabrication and delivery of the new radiators is estimated to take 6 weeks with an additional week for physically completing installation. Because of the critical nature of keeping the generator units in service, the Public Utilities Department is recommending waiving formal bids, revalidating the sole-source status of Florida Detroit Diesel-Allison, and authorizing a purchase order in the amount of \$62,676.72.

It should be noted that this repair was not previously programmed into the CIP. Therefore, a budget transfer has simultaneously been initiated from Contingency identified in the Reclaimed Water Division operating budget and reallocated to SSP002 Sewer Plant Replacement, Account Number 40104005356397.

ATTACHMENTS: Ordinance Resolution Budget Resolution
 Other Support Documents/Contracts Available for Review in Manager's Office

DEPARTMENT HEAD *Roger M. Smith* Date 8/3/10

FINANCE DEPARTMENT *[Signature]* Approved as to Budget Requirements Date *[Signature]*

CITY ATTORNEY *[Signature]* N/A Approved as to Form and Legality Date N/A

CITY MANAGER *[Signature]* Approved Agenda Item For: 8/17/10

COUNCIL ACTION: Approved as Recommended Disapproved Tabled Indefinitely
 Continued to Date Certain Approved with Modification:



FLORIDA
DETROIT DIESEL - ALLISON



Orlando, Florida 32809
Phone - 407-888-1700
Fax: 866-902-4064
Cell: 407-948-7402

This estimate is made subject to buyer's acceptance within (10) business days from this date. All prices are subject to change without notice, and those in effect on the date of shipment shall prevail. Customer will be contacted should the estimate exceed 15%.

REPAIR ESTIMATE

WORK ORDER#: F62835 DATE: 7/30/2010 ACCT #: F102052
CUSTOMER NAME: City of Port Orange CUSTOMER P. O. :
MAKE: MTU/DDC MODEL: 900DSE4 SERIAL: 0701695 / 699 EQUIPMENT#:
CUSTOMER CONTACT: Randy Wyatt Phone: 386-506-5782
FAX: rwyatt@port-orange.org

DESCRIPTION	PARTS	LABOR
1 Travel to City of Port Orange Oak Street WWTP to inspect radiator leaking - determined that		
2 radiator core has rotted and developed leak. Inspection at North unit revealed radiator core		
3 has also began to show signs of rotting. Current labor charge		\$774.00
4		
5 Travel to WWTP to replace radiator with new Factory built replacement radiator, disconnect		
6 load leads at Transfer Switch and connect Rental Generator to Plant. Remove all		
7 necessary attachments from engine and drop over enclosure to remove enclosure, drain		
8 engine coolant, remove radiator, replace all belts and hoses, install new radiator and 50/50		
9 Powercool antifreeze. Install drop over enclosure, secure radiator duct, secure enclosure to		
10 concrete pad, connect engine exhaust and all electrical connections that were removed.		
11 Test run unit, check for leaks, disconnect Rental Unit and reconnect Plant to Customer		
12 Owned Generator set and test under Plant load for 1 hour.	\$15,721.36	\$7,740.00
13		
14 At completion of South Unit, move Rental Generator to North Unit and connect Rental		
15 Generator to Transfer Switch and perform all above steps on North unit.	\$15,721.36	\$7,740.00
16		
17 Crane Charge -	\$3,500.00	
18 Mileage Charge	\$600.00	
19 Rental Unit - 1 week rental	\$7,880.00	
20 Freight from Manufacturer - Estimated	\$3,000.00	
21		
22		
23		
COMMENTS	PARTS	\$46,422.72
Quote valid for 30 days.	LABOR	\$16,254.00
	SUBTOTAL	\$62,676.72
DELIVERY OF RADIATORS IS 6 TO 7 WEEKS AFTER APPROVAL TO	TAX	
TO COMPLETE REPAIRS.	TOTAL ESTIMATE	\$62,676.72

I hereby authorize the above repair work to be done along with the necessary materials. Florida Detroit Diesel-Allison, Inc. and its employees may operate the above equipment for the purpose of testing, inspection or delivery at my risk. An expressed mechanics lien is acknowledged on equipment to secure the cost of all repairs thereto. Florida Detroit Diesel-Allison, Inc. is not responsible for loss or damage to equipment in case of fire, theft, accident, or any other cause beyond our control. Replaced parts will be held for a period of ten (10) business days after completion of services. The cost of labor and parts in determining any estimate shall be borne by the customer.



FLORIDA DETROIT DIESEL

Work Authorized By:
