



CITY OF DANIA BEACH

DEPARTMENT OF PUBLIC SERVICES

MEMORANDUM

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

FROM: Ronnie S. Navarro, PE, City Engineer *RSN 6/17/13*

Date: June 17, 2013

RE: Request to Get Quote Rather than Bid for the
SE 2nd Avenue Forcemain Repair

Introduction and Background

Two major force main leaks occurred last year at this location on two separate occasions; November 29, 2012 and December 31, 2012. In these two instances, three agencies were notified: Broward County Development and Environmental Protection, the Department of Health, and the Florida Department of Environmental Protection due to impact on the wetlands.

Based on circumstances surrounding these two incidences and upon examination of the existing conditions, it was determined that a segment of the existing pipe should be replaced and realigned to avoid any conflict with the existing FDOT drainage pipe and to avoid the section of the road where we believed that the subsoil condition and pipe bedding conditions have been greatly compromised.

The existing pipes are heavily corroded and should therefore needs to be replaced in earnest.

Last Friday, June 14, 2013, another leak occurred within the same pipeline. This time, it was it was discovered just in time and was contained without any positive outflow into the existing storm drain system.

Engineering plans were prepared in February 2013 in-house and permitted through Broward County Wastewater Licensing (BC-DER License No. WW-61794 valid until 02/21/2018). Based on permitted plans and scope of work, engineer's probable cost estimate is around \$80,000.00.

Recommendation

Considering the scope and value of work and in order to expedite repair it is recommended that this project be based on quote and not through competitive bidding.