



AGENDA ITEM MEMORANDUM

Public Works

Don Prince

Department

Department Director

COMMISSION MEETING DATE (*) - 7:00 PM	Deadline to Town Clerk
<input checked="" type="checkbox"/> July 24 - Regular Meeting 7:00 PM	July 18

**Subject to Change*

Presentation Reports **Consent** Ordinance

SUBJECT TITLE: Emergency Storm Drain Pump

EXPLANATION: Recent heavy rains have overwhelmed our drainage systems in certain areas of Town resulting in flooded streets, some flooded properties, and excessive ponding. While some of these areas are currently under design for new drainage, it will take time to complete these projects. I spoke to Broward County about whether they would allow us to pump rain water from a drainage structure to a canal or other water body and was advised that the Town could do so in an emergency situation.

I talked to my counterpart at the City of Oakland Park where they routinely use pumps during heavy rain events and he gave me recommendations on the size and type of pump that has worked best for them. Based on that advice, I recommend that the Town purchase an Emergency Storm Drain Pump to give us the ability to respond to localized flooding from large rain events. The pump could also be used for sanitary bypass pumping in the event of a collapsed sewer line. We received a quote (**Exhibit 1**) from Thompson Pump & Manufacturing Co., Inc based on their GSA contract. The Thompson 6JSCEN-DJDST-24T-M ENVIROPRIME Solids Handling Pump is designed for high flows and moderate heads to 110 feet making it perfect for our needs. The system works automatically, evacuating the air from the suction line during startup, as well as any air or gases introduced into the suction line during the pumping process. The pump has high efficiency impellers, which lessen power requirements resulting in reduced operating costs.

Recommendations: Authorize the purchase of GSA Catalog Number GS-07F-0140V, which is a Thompson 6JSCEN-DJDST-24T-M ENVIROPRIME Solids Handling Pump, which, with accessories, at the GSA piggyback price of \$30,140 and transfer \$30,140 from the General Fund Contingency (account 001-519-000-500-497) to Public Works Capital Outlay (account 001-541-100-500-640).

EXHIBITS: 1. Thompson Pump & Manufacturing Co. Quote

On Town Attorney approved Form
 Yes No

Town Manager Initials CJA

July 11, 2012

Quote # FLR-DP-344

City of Lauderdale-by-the-Sea
4501 Ocean Drive
Lauderdale-by-the-Sea, FL 33308

PH: (954) 776-5119
FX: (954) 776-0578

Attn: Don Prince

Our GSA Catalog Number is GS-07F-0140V

1) **Thompson Pump Model: 6JSCEN-DJDST-24T-M.....Net Price: \$29,552.00**

- **6" x 6" Trailer Mounted, Compressor-Assisted Pump**
- **Maximum Performance:** 2,300 GPM, 110' Max TDH
- **Best Efficiency Point:** 82%
- **Priming System:** Enviroprime® is a "Green" compressor-assisted priming system that allows dry-priming and is environmentally friendly. It eliminates BLOW-BY which means the priming system does not allow the fluid being pumped to be expelled onto the ground.
- **Impeller:** 10" Enclosed, Solids Handling up to 3"
- **Engine:** John Deere, Interim Tier IV Diesel Engine, Model 4024TF-29. Water cooled with Fuel Water separator included.
- **Standard Equipment:** Lifting bail provision, locking provision for fuel tank and battery, fuel tank clean outs and drain ports, Cam-Lock suction and discharge fittings, gauges, basket strainer, fuel gauge, and vacuum gauge. Control panel with hour-meter, tachometer, low oil and high temperature safety shutdowns, and battery.
- **Mounting:** Highway type trailer with DOT Light Package included. Includes diamond plate fenders, cushioning suspension, tow-bar and pintle hitch.
- **Fuel Tank:** 50 gallon diesel fuel capacity with 28 hours of maximum operating time.

Additional Non-GSA Accessories:

- **6" x 10' PVC Suction Hose with Banded C x E (Cam-lock) connections.....Net Price: \$195.14**
- **6" x 10' PVC Suction Hose with Banded C x B (Cam x NPT) connection....Net Price: \$201.55**
- **6" x 50' Lay-Flat Discharge Hose.....Net Price: \$191.03**

Total GSA Net Price with Accessories.....Net Price: \$30,139.72

Terms and Conditions:

The validity of this proposal will remain in effect 60 days from today's date with all prices firm through the quoted shipping schedule.

Sale price does not include tax, freight, or other applicable fees. Please provide a copy of your tax exempt certificate at time of purchase, if applicable.

No Penalties or Liquidated damages of any description are acceptable.

FOB: Port Orange, FL. Shipping schedule for pumping equipment as described above is 4-6 weeks or less after receipt of your formal purchase order and acceptance by Thompson Pump Co. management.

Terms of payment are Net 30 days, unless otherwise stated in your contract. FOB Port Orange 32129.

Cancellation of a purchase order may result in additional re-stocking fees.

We trust that this offering meets with your approval; and again please feel free to contact either myself or Mr. Brian Lee, our Inside Sales Rep, with any questions that may arise.

Best regards,

David Perry
Florida Sales Engineer
Cell: (386) 527-3265
dperry@thompsonpump.com
cc: Brian Lee, Inside Sales Rep.