

RESOLUTION 18-127

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, AUTHORIZING THE PURCHASE OF TWO PORTABLE DIESEL POWERED PUMPS FROM THOMPSON PUMP & MANUFACTURING CO. IN THE AMOUNT OF \$109,458, AS MORE PARTICULARLY SET FORTH IN THE BODY OF THE RESOLUTION; AND PROVIDING AN IMMEDIATELY EFFECTIVE DATE.

BE IT RESOLVED by the City Council of the City of Panama City Beach that:

1. The appropriate officers of the City are authorized but not required to accept and deliver on behalf of the City that certain Agreement between the City and Thompson Pump, relating to the purchase of one Trailer Mounted Pump Model 4JSVM-DIST-4LE2T-M, in the basic amount of Forty-Eight Thousand, One Hundred Nine Dollars (\$48,109), on substantially the terms and conditions in the quote attached and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.
2. The appropriate officers of the City are authorized but not required to accept and deliver on behalf of the City that certain Agreement between the City and Thompson Pump, relating to the purchase of one Trailer Mounted Pump Model 4JSVD-DIST-45H-MC, in the basic amount of Sixty-One Thousand, Three Hundred Forty-Nine Dollars (\$61,349), on substantially the terms and conditions of the quote attached and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.


PASSED in regular session this 9th day of August, 2018.

CITY OF PANAMA CITY BEACH

By: 

Mike Thomas, Mayor

ATTEST:


Jo Smith, City Clerk



Municipal Sales
4620 City Center Dr., Port Orange, FL, USA 32119
(800) 767-7310 • Fax: (386) 761-0362
blee@thompsonpump.com

July 31, 2018

Quote # MSR-BL-1877

City of Panama City Beach
116 South Arnold Road
Panama City Beach, FL 32413

PH: (850) 233-5054 Ext. 2404
CELL: (850) 258-4231
E: ashortt@pcb.gov

RE: FY 2017-2018 4" Vacuum-Assisted Trailer Mounted Sound Attenuated Pump

Al,

Thank you for your interest in Thompson Pump & Manufacturing and the products and the services that we provide. We understand this pump will be used by the City of Panama City Beach for emergency lift station back-up pumping.

Per your request, we are providing 2017-2018 Florida Sheriffs Association Contract Package Specification 076 pricing for (1) Thompson Pump Model 4JSVD-DJDST-45H-MC a 4" vacuum-assisted, high head, trailer mounted pump. The net price is derived from our 2017 Florida Sheriffs Association Contract Bid Award #FSA17-VEH15.0-Cab & Chassis Trucks & Other Fleet Equipment. This Florida based government contract enables the City of Panama City Beach to avoid the hassle and expense of purchasing this pump through the public bid process. You can order this unit by simply putting our FSA bid award number on your purchase order. Our FSA contract number is: FSA17-VEH15.0, Spec #076.

Should you require further information or have any questions, please contact me at 386-212-6999 or blee@thompsonpump.com.

Sincerely,

Brian Lee | Thompson Pump & Manufacturing Co., Inc
Municipal Sales - Cell: (386) 212-6999
Email: blee@thompsonpump.com.



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PRICE QUOTE / Bid Award FSA17-VEH15.0 / Specification #076

Description	Order Codes	Qty	FSA	Subtotal
6JSC	Vehicle			
Zone:	Central			
Base Price:		1	\$ 36,980.00	\$ 36,980.00
Base Model includes: TPM Panel- Basic (auto start/stop control panel with floats/ tachometer/hour meter/engine safety shut down), battery charger, spare tire, hydraulic brakes, DOT light package, trailer, and 24 month warranty				
Delete Options:				
<< Delete option, Spare Tire	Spare Tire	1	(\$ 316.00)	(\$ 316.00)
<< Delete option, Hydraulic Brakes per axle	Hydraulic brakes	1	(\$ 895.00)	(\$ 895.00)
Non-Specified Add Option:				
<< Add option, Upgrade pump from 6JSC to High Head 4JSVD with IT4 engine, Enviroprime vacuum-assisted – trailer mounted	N/A	1	\$ 10,890.00	\$ 10,890.00
<< Add option, Upgrade to aluminum sound attenuated 4" pump package – 4JSVD Silent Knight Sound Attenuated Enclosure	N/A	1	\$ 14,690.00	\$ 14,690.00
Final Model: 4JSVD-DJDST-45H-MC				\$ 61,349.00

*** Terms & Conditions ***

- FOB: DESTINATION
- TERMS: NET 30-DAYS (WITH APPROVED CREDIT)
- DELIVERY: 10-12 WEEKS OR SOONER AFTER RECEIPT OF A HARD COPY PURCHASE ORDER
- PLEASE PROVIDE A TAX EXEMPTION CERTIFICATE AT TIME OF ORDER IF APPLICABLE
- NO PENALTIES OR LIQUIDATED DAMAGES ARE ACCEPTABLE

4" Vacuum-Assisted Solids Handling Pump

Model: 4JSVD-DJDST-45H-MC

With its heavy-duty cast-iron construction, ability to dry-prime and re-prime automatically, this end-suction centrifugal pump leads the industry in construction, industrial and mining applications. The Thompson 4JSVD-DJDST-45H-MC trailer mounted, sound attenuated solids handling pump is designed for moderate flows to 1,420 gpm and high heads to 440 feet making it perfect for sewage bypass pumping or general construction dewatering.

ENVIROPRIME SYSTEM[®] with OVT

- Thompson's innovative priming system preventing blow-by of sewage, effluent and waste from discharging onto the ground. This system, with Thompson's oil-less vacuum technology (OVT) system, offers 97 SCFM air handling capabilities for quick priming.

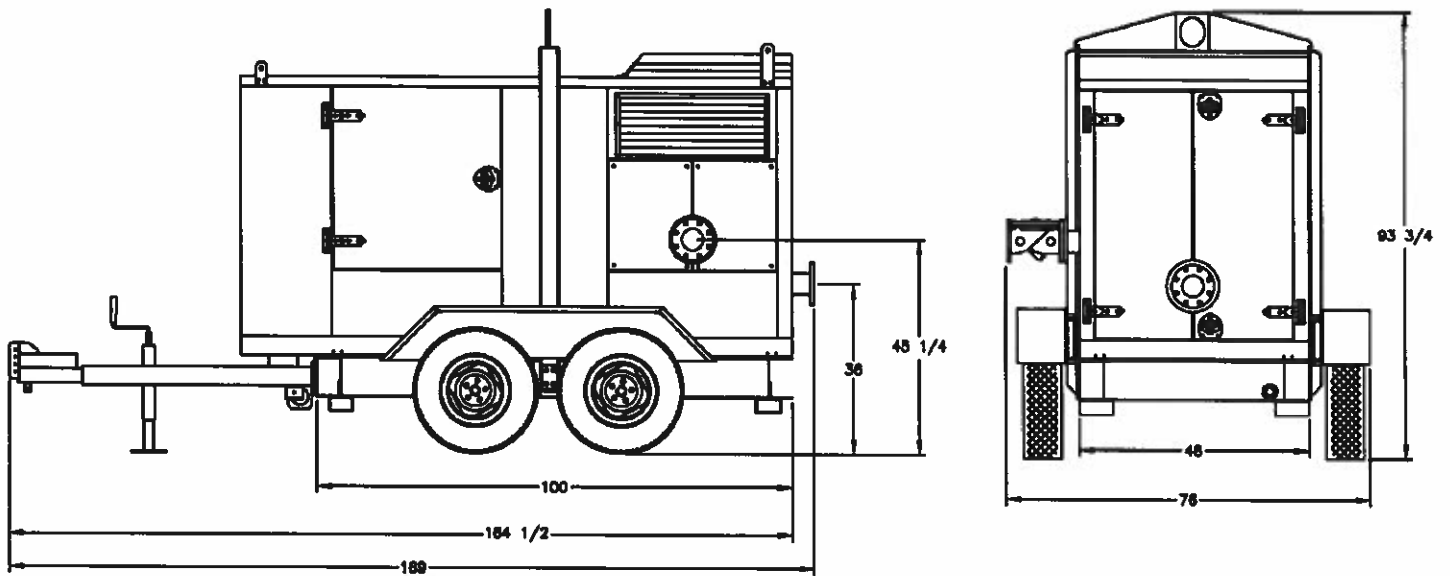
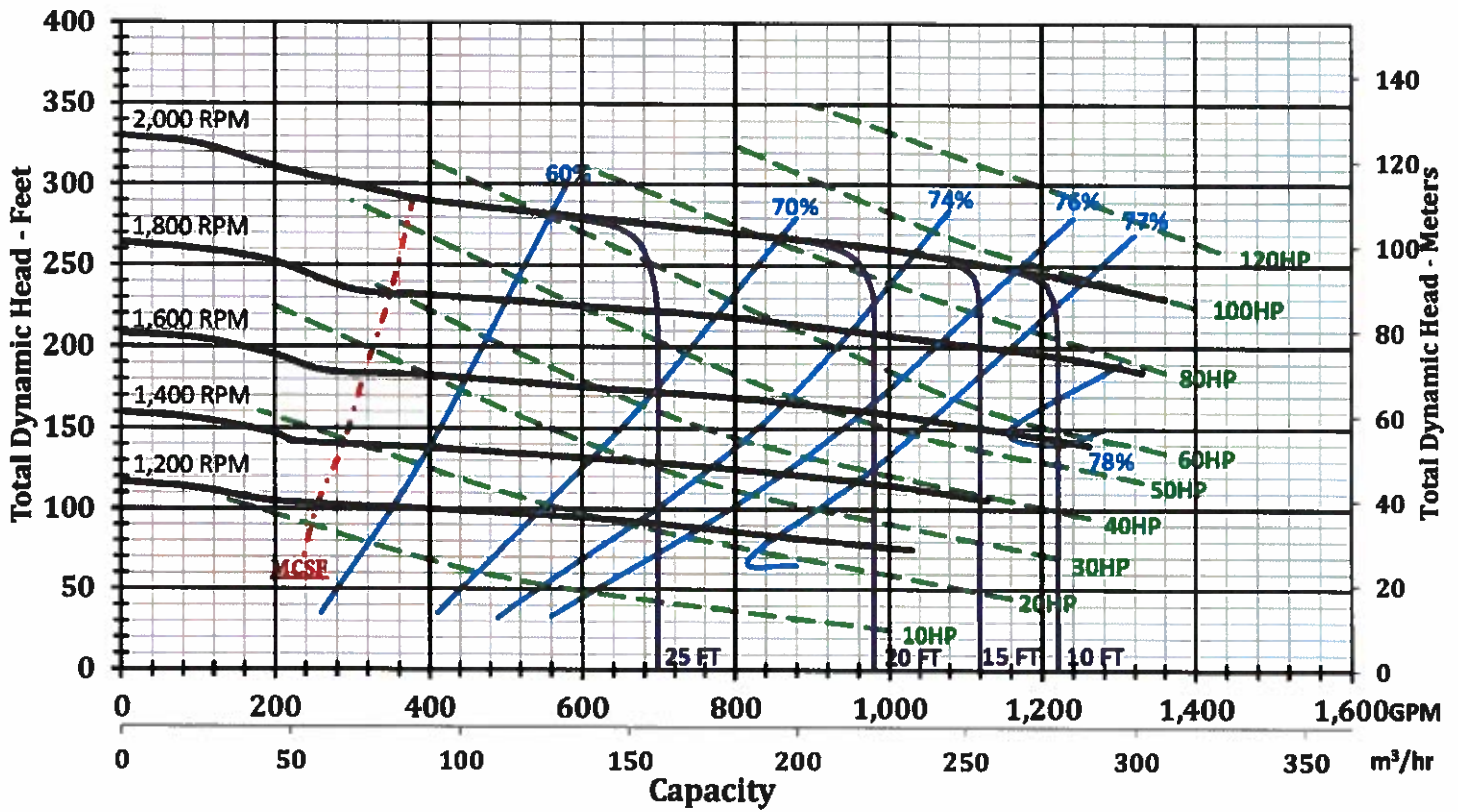


Consult factory for other versions & options including site trailers, sound attenuation, etc.

<i>Materials</i>	
Pump Casing	Heavy-duty class 30 cast-iron
Impeller	Dynamically balanced, non-clogging, enclosed, 65-45-12 ductile iron, with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; diameter 14"
Mechanical Seal	2.5" run-dry, oil or grease lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. All other components are 304 stainless steel and viton.
Head	Rugged, back pull out design, heavy-duty class 30 cast iron with tapered bore design
Bearings & Frame	Heavy-duty grease lubricated to carry both axial and radial loads. Frame is heavy-duty class 30 cast-iron
Shaft	SAE 1144 'stress-proof' steel and fitted with a renewable 416 stainless steel sleeve

TECHNICAL SPECIFICATIONS

Suction Size	4" (10.16 cm)	Approximate Dry Weight	TBD
Discharge Size	4" (10.16 cm)	Fuel Tank	127 Gal (480.75 L)
Maximum Flow Capacity	1420 gpm (322.34 m ³ /h)	Fuel Consumption @ 1,800 rpm	5.74 GPH (21.73 L/h)
Maximum Head	440 ft (134 m)	Best Efficiency Point	78%
Maximum Solids Handling	3" (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2000 rpm	22 hours @ 2,000 rpm	0.350 lb/hp-hr@2,000 rpm
Maximum Operating Temp.	200°F (93.33°C)	26 hours @ 1,800 rpm	0.351 lb/hp-hr@1,800 rpm
Maximum Operating Pressure	190 psi (1313 kPa)	32 hours @ 1,600 rpm	0.360 lb/hp-hr@1,600 rpm



Engine Specification

Engine Model	John Deere 4045H, 149 hp @ 2,000 rpm	Standard Equipment	Alternator, radiator, muffler, and residential grade silencer muffler
Type	4-cylinder, in-line, 4-cycle, water-cooled, turbo-charged, direct-injected, Tier III diesel	Automatic Shut-downs	Low lube oil pressure; high water temperature

Specifications and illustrations are subject to revision without notice and without incurring any obligation for previous or subsequent equipment sold. Thompson Pump (ISO 9001:2008) makes no representation regarding the completeness or accuracy of this information and is not liable for any direct or indirect damages arising from or relating to this information or its use. Capacity & Head are shown for comparative purposes. Consult Thompson factory for exact capabilities.



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RE: FY 2017-2018 4" Vacuum-Assisted Trailer Mounted Sound Attenuated Pump

Al,

Thank you for your interest in Thompson Pump & Manufacturing and the products and the services that we provide. We understand this pump will be used by the City of Panama City Beach for by-pass pumping operation.

Per your request, we are providing 2017-2018 Florida Sheriffs Association Contract Package Specification 076 pricing for (1) Thompson Pump Model 4JSVM-DIST-4LE2T-M a 4" vacuum-assisted, trailer mounted pump. The net price is derived from our 2017 Florida Sheriffs Association Contract Bid Award #FSA17-VEH15.0-Cab & Chassis Trucks & Other Fleet Equipment. This Florida based government contract enables the City of Panama City Beach to avoid the hassle and expense of purchasing this pump through the public bid process. You can order this unit by simply putting our FSA bid award number on your purchase order. Our FSA contract number is: FSA17-VEH15.0, Spec #076.

Should you require further information or have any questions, please contact me at 386-212-6999 or blee@thompsonpump.com.

Sincerely,

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Description	Order Codes	Qty	FSA	Subtotal
6JSC	Vehicle			
Zone:	Central			
Base Price:		1	\$ 36,980.00	\$ 36,980.00
Base Model includes: TPM Panel- Basic (auto start/stop control panel with floats/ tachometer/hour meter/engine safety shut down), battery charger, spare tire, hydraulic brakes, DOT light package, trailer, and 24 month warranty				
Delete Options:				
<< Delete option, Spare Tire	Spare Tire	1	(\$ 316.00)	(\$ 316.00)
<< Delete option, Hydraulic Brakes per axle	Hydraulic brakes	1	(\$ 895.00)	(\$ 895.00)
Add Option:				
<< Add option, Upgrade pump from 6JSC to 4JSV with FT4 engine, Enviroprime vacuum-assisted – trailer mounted	4JSV-FT4	1	\$ 2,586.00	\$ 2,586.00
<< Add option, Upgrade to aluminum sound attenuated 4" pump package – 4JSC/4JSV/6JSCEN Silent Knight Sound Attenuated Enclosure	4/6 Silent Knight	1	\$ 9,754.00	\$ 9,754.00
Final Model: 4JSVM-DIST-4LE2T-MC				\$ 48,109.00

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With its heavy-duty cast-iron construction and fast priming capabilities, this solids handling, trailer mounted, sound attenuated pump leads the industry in construction, industrial and municipal applications. The Thompson 4JSVM-DIST-4LE2T-MC is designed for moderate flows and heads to 132 feet making it perfect for sewage bypass pumping or general construction dewatering. The 4JSVM-DIST-4LE2T-MC pump provides flow rates up to 1,200 gpm and solids handling to 3".



Consult factory for other versions & options including site trailers, sound attenuation, etc.

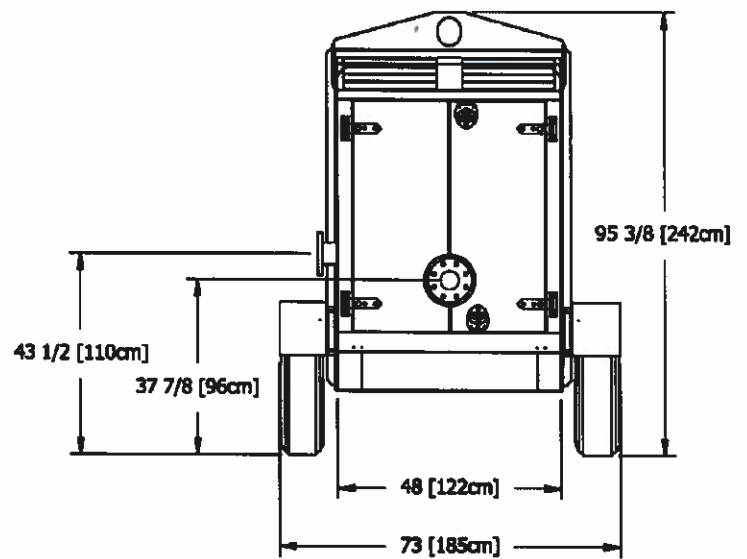
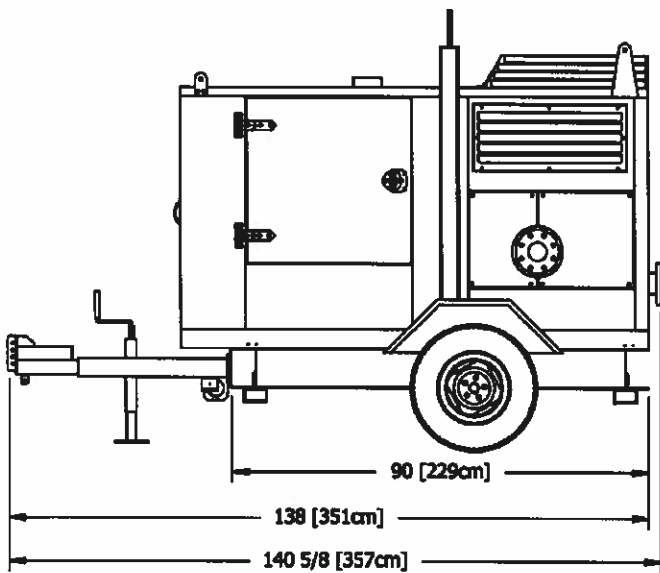
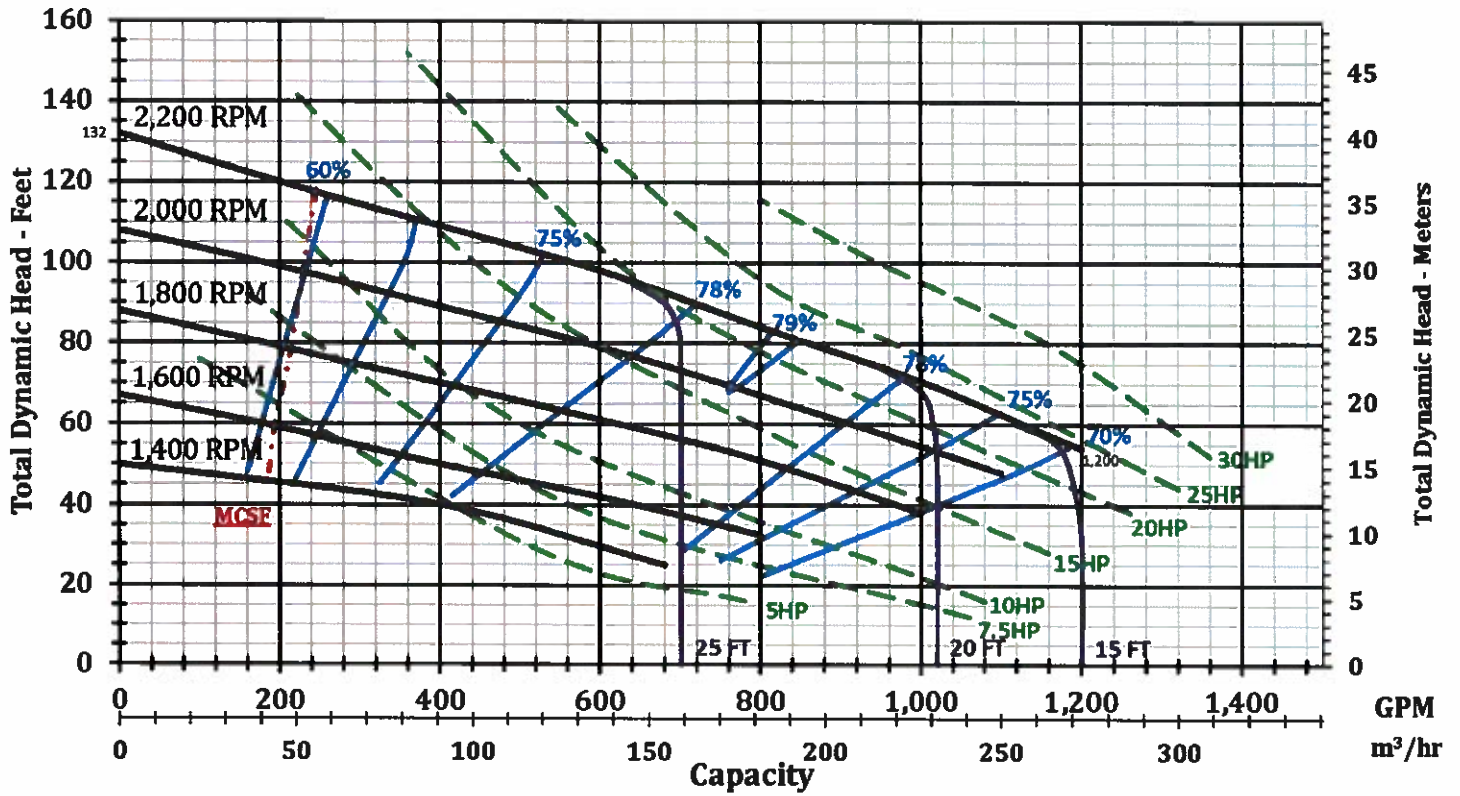
ENVIROPRIME SYSTEM[®] with OVT

- Thompson's innovative priming system preventing blow-by of sewage, effluent and waste from discharging onto the ground. This system, with Thompson's OVT system, offers 97 SCFM air handling capabilities for quick priming.

Materials	
Pump Casing	Heavy-duty class 30 cast-iron
Impeller	Dynamically balanced, non-clogging, enclosed, 65-45-12 ductile iron with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life; diameter 8.25"
Mechanical Seal	Dry-running, grease or oil lubricated with Tungsten Carbide rotating and Silicon Carbide stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. Other components are 304 stainless steel and viton
Head	Rugged, back pull out design, heavy-duty class 30 cast iron with tapered bore design
Bearings	Heavy-duty grease lubricated to carry both axial and radial loads
Shaft	High quality 'stress-proof' steel

TECHNICAL SPECIFICATIONS

Suction Size	4 in (10.16 cm)	Approximate Dry Weight	5,240 lbs
Discharge Size	4 in (10.16 cm)	Fuel Tank	100 gal (378.54 L)
Maximum Flow Capacity	1200 gpm (272.4 m ³ /h)	Fuel Consumption @2200rpm	1.71 gph (6.47 L/h)
Maximum Head	132 ft (40.23 m)	Best Efficiency Point	79 %
Maximum Solids Handling	3 in (7.62 cm)	Maximum Operating Times	Fuel Economy
Maximum Operating Speed	2200 rpm	58 hours @ 2200 rpm	0.399 lb/hp-hr @ 2200 rpm
Maximum Operating Temp.	200 °F (93.33 °C)	73 hours @ 2000 rpm	0.396 lb/hp-hr @ 2000 rpm
Maximum Operating Pressure	57 psi (393 kPa)	90 hours @ 1800 rpm	0.386 lb/hp-hr @ 1800 rpm



Engine Specification

Engine Model	Isuzu 4LE2T 40 HP @ 1800 rpm	Standard Equipment	Cooled EGR, Wastegate Turbo-charger, emission control device, alternator, radiator
Type	EPA Final Tier 4, In-Line, 4-Cycle, Turbocharged, high-pressure common-rail diesel	Automatic Shutdowns	Low lube oil pressure; high water temperature

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CITY OF PANAMA CITY BEACH AGENDA ITEM SUMMARY

1. DEPARTMENT MAKING REQUEST/NAME:

Utilities Department - Al Shortt, Utilities Director

2. MEETING DATE:

August 9, 2018

3. REQUESTED MOTION/ACTION:

Approve the purchase of two portable diesel powered pumps from Thompson Pump & Manufacturing Co., Inc. in the total amount of \$109,458.

4. AGENDA

PRESENTATION
PUBLIC HEARING
CONSENT
REGULAR

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5. IS THIS ITEM BUDGETED (IF APPLICABLE)? YES NO

N/A

BUDGET AMENDMENT OR N/A

DETAILED BUDGET AMENDMENT ATTACHED YES NO

N/A

6. BACKGROUND: (WHY IS THE ACTION NECESSARY, WHAT GOAL WILL BE ACHIEVED)

Staff allocated funds in the FY 2017-18 Utilities budget to purchase two portable diesel powered pumps. One is intended for use by the lift station mechanics as a sewer bypass pump and the other for use by underground utilities crews as a dewatering pump. Staff desires to "piggyback" on the existing FL Sheriffs Contract Bid Award #FSA17-VEH15.0-Cab & Chassis Trucks & Other Fleet Equipment to purchase the pumps. Attached are price quotes from Thompson Pump & Manufacturing Co., Inc. in the amounts of \$48,109 (dewatering pump) and \$61,349 (sewer bypass pump), with accompanying technical data. The total cost of the equipment is \$109,458 and both pumps are included in the Utility Department current fiscal year budget.

Staff has reviewed the proposals and FL Sheriff's contract terms, and recommends the City Council approve the purchase of the pumps, as detailed in the attachments, in the total amount of \$109,458. Delivery is anticipated to take 10-12 weeks after Thompson Pump & Manufacturing Co., Inc. receives a Purchase Order.