



**Cooper City Commission Meeting
Agenda Item Request Form**

Commission Meeting/Workshop Date: August 20, 2019

Requesting Department: Utilities

Subject: Purchase of Standby Bypass Pump

Section:

Presentation

Consent

Regular

Discussion

Background and Recommendation (attach backup material to Item Request Form):

This is recommendation for Commission approval to purchase a standby bypass pump for wastewater pumping station #41, using the current Florida Sheriff's Association contract for vehicles and equipment. Funds are available in the Water & Sewer Fund and budgeted for this purpose.

General Ledger Account Number(s) and Amount(s):

450-930-564700-535 – Equipment & Machinery

Approvals:

Finance Director 

City Manager  City Clerk _____





COOPER CITY UTILITIES DEPARTMENT MEMORANDUM

DATE: July 15, 2019

TO: Kathryn Sims, Interim City Manager

FROM: Michael F. Bailey, P.E., Utilities Director/City Engineer

SUBJECT: Purchase of Standby Bypass Pump

This is a recommendation for Commission approval to purchase a standby bypass pump for wastewater pumping station #41, using the current Florida Sheriff's Association contract for vehicles and equipment.

Wastewater pumping station #41 is located at 4141 Embassy Drive and is the main pumping station for the Embassy Lakes development. This is a critical station because it serves all of Embassy Lakes, pumping approximately 300,000 gallons per day. Because of its importance, it was outfitted with a permanent standby electrical generator when it was originally built in 1988 so that the station can continue to operate in the event of a loss of FPL power. That generator is now 31 years old and is prone to failure due to its age and the harsh environment to which it is exposed, and needs to be replaced.

After researching the alternatives, staff has concluded that the most feasible and economical alternative is a standby, diesel engine-driven bypass pump instead of an electrical generator. The standby pump offers the following advantages over a generator:

- Standby pumps are typically less expensive than comparable generators
- Generators only run when there is a loss of electrical power. Pumps will start automatically when wastewater reaches a pre-set level in the station and so will run not only when there is a loss of power, but also in cases when a primary pump malfunctions and also during station maintenance.
- Standby pumps will only run when needed. Generators will run continuously while the power is out, regardless of whether any primary pumps are running.

The Florida Sheriffs Association 2018-2019 Contract for Vehicles and Equipment includes a suitable standby pump at a cost of \$59,500, and a quote is attached. For comparison purposes, attached are quotes for similar pumps not under the Sheriffs Association contract.

I recommend City Commission approval to purchase a standby bypass pump for wastewater pumping station #41, at a cost of \$59,500. Funds are available in the Water & Sewer Fund and budgeted for this purpose.



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

May 13, 2019

Quote # WPB-AC-068-2019

Cooper City Utilities
 11791 SW. 49th Street
 Cooper City, FL 33330
 PH: (954) 434-5519
 E: cbergeron@coopercityfl.org

RE: FY2018-19 Stand-by Thompson Pump

Hello Chad,

Thank you for your interest in Thompson Pump & Manufacturing and the products and the services that we provide. We understand that this pump will be utilized by Cooper City Utilities Department for automatic, redundant emergency by-pass pumping at lift station #41. The pump will be permanently-mounted at address TBD.

<u>PS #</u>	<u>Thompson Pump Required</u>	<u>Duty Point Req.</u>	<u>Max Lift at Duty Point</u>
41	6JSCEE-DIS-4LE2T-ZC	900 GPM at 60' TDH	20 ft.

We are providing 2018 Florida Sheriffs Association Contract Specification #81 pricing for (1) Thompson Pump Model 6JSCEE-DIS-4LE2T-ZC, a 6" Skid-Mounted, Sound Attenuated, Compressor-Assisted, Extended Run Time, High Efficiency By-Pass Pump.

The net price is derived from our 2018 Florida Sheriffs Association Contract Bid Award #FSA18-VEH16.0-Cab & Chassis Trucks & Heavy Equipment. This Florida based government contract enables Cooper City to avoid the hassle and expense of purchasing this pump through the public bid process. The FSA contract basically works like a "piggy back" for our equipment. You can order this unit by simply putting our FSA bid award number on your purchase order. Our FSA contract number is: FSA18-VEH16.0, Spec #81.

Should you require further information or have any questions, please contact me at the number below.

Sincerely,

Allan Curry

Allan Curry
 Thompson Pump & Manufacturing Co., Inc
 Municipal Sales Representative
 Cell: (561) 284-5149
 Email: acurry@thompsonpump.com

cc: David Perry, Municipal Sales Manager



Municipal Sales
 4620 City Center Dr., Port Orange, FL, USA 32119
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FSA18-VEH16.0, Spec #81
 Price Quote

Description	Order Codes	Qty	FSA Unit Price	Subtotal
6JSC	Vehicle			
ZONE:	Southern			
BASE PRICE:		1	\$38,914.00	\$38,914.00
→ Base Model includes: TPM Basic (auto start/stop control panel with Floats/Tachometer/Hour meter/Engine Safety Shut Down), Battery, Light package, Trailer, and 24 Month TPM Warranty				
Delete Options:				
→ Delete Option, DOT Lights	Light Package	1	(\$281.00)	(\$281.00)
→ Downgrade pump package, Trailer for 6JSC/6JSV models	6 Trailer	1	(\$1,942.00)	(\$1,942.00)
→ Downgrade pump from 6JSC to 6JSC-LHP with FT4 engine-trailer mounted	6JSC-FT4-LHP	1	(\$2,245.00)	(\$2,245.00)
→ Delete Remote Control, Downgrade pump to basic manual start control panel	TPM Panel-Basic	1	(\$2,791.00)	(\$2,791.00)
→ Delete Option, Remove float storage box	Float Box	1	(\$160.00)	(\$160.00)
Add Options:				
→ Upgrade to aluminum sound attenuated 4" pump package, 4JSC-FT4/6JSC-LHP-FT4 Silent Knight	4/6-Silent Knight	1	\$9,754.00	\$9,754.00
→ Optional Equipment, Non-UL modular DW fuel tank, standard dimensions	D Tank	1	\$2,730.00	\$2,730.00
→ Optional Equipment, Additional fuel capacity for 4'-8" modular fuel tanks-max 150 gallon, skid only	Z Tank	1	\$2,900.00	\$2,900.00
→ Optional Equipment, SCADA interface, 4 dry contacts connections to be hard wired for remote monitoring	SCADA Interface	1	\$2,100.00	\$2,100.00
→ Optional Equipment, Level/Pressure transducer with 50' of wet cable and leveling guard	Level Transducer	1	\$2,120.00	\$2,120.00
→ Upgrade, Advanced auto start/stop control panel with application specific features	TPM Panel-Advanced	1	\$3,109.00	\$3,109.00
→ Optional Equipment, Optional Start-Up Testing and Training for Specific applications, select models only	STP-SU	1	\$471.00	\$471.00
→ Optional Equipment, 120V Battery Charger	Battery Charger	1	\$471.00	\$471.00
→ Optional Equipment, DC to AC Power Inverter	AC Power Inverter	1	\$1,269.00	\$1,269.00
→ Optional Equipment, UV Protective Coating on Canopy	SK Protection	1	\$921.00	\$921.00
→ Optional Equipment, (2) DC powered LED Work Lights	Inside Work Lights	1	\$510.00	\$510.00
→ Warranty, Additional 12-month diesel engine warranty	Engine Warranty	1	\$1,650.00	\$1,650.00
Final Model: 6JSCEE-DIS-4LE2T-ZC (Painted in White)		Total		\$59,500.00

*** Terms & Conditions ***

- FOB: DESTINATION
- TERMS: NET 30-DAYS (WITH APPROVED CREDIT)
- DELIVERY: 12-14 WEEKS OR SOONER AFTER RECEIPT OF A HARD COPY PURCHASE ORDER
- FREIGHT: INCLUDED IN BASE MODEL PRICE
- PLEASE PROVIDE A TAX EXEMPTION CERTIFICATE AT TIME OF ORDER IF APPLICABLE
- NO PENALTIES OR LIQUIDATED DAMAGES ARE ACCEPTABLE
- CANCELLATION OF THIS ORDER OR RETURN OF THIS UNIT MAY RESULT IN RE-STOCKING FEES
- THIS QUOTE IS VALID UNTIL SEPTEMBER 30, 2019



FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

6 INCH MOBILE PUMP PACKAGE SPECIFICATION #81

2019 Thompson 6JSC

The Thompson 6JSC purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and FSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	Western	Northern	Central	Southern
BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00

While the Florida Sheriffs Association and Florida Association of Counties have attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	6JSC			
DEALER:	Thompson Pump & Manufacturing Company, Inc.			
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00

Order Code	Delete Options	All Zones
3D ¹	Downgrade to 3" pump <i>Downgrade pump from 6JSC to 3D- trailer mounted¹</i>	(\$36,931.00) ¹
4JSCM-FT4-LHP ¹	Downgrade to 4" pump <i>Downgrade pump from 6JSC to 4JSC-LHP with FT4 engine- trailer mounted¹</i>	(\$5,766.00) ¹
4JSVM-FT4-LHP ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 4JSV-LHP vacuum assisted with FT4 engine- trailer mounted¹</i>	(\$4,116.00) ¹
4JSC-STP ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 4JSC- trailer mounted¹</i>	(\$7,288.00) ¹
4JSV-STP ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 4JSV vacuum-assisted with FT4 engine- trailer mounted¹</i>	(\$5,591.00) ¹
4T-LHP-WTP ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 4T-LHP-WTP diesel with FT4 engine- trailer mounted¹</i>	(\$30,631.00) ¹
4D-FT4 ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 4D-FT4 diesel with FT4 engine- trailer mounted¹</i>	(\$20,998.00) ¹
6-WTP ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 6" Trash Pump with FT4 engine- trailer mounted¹</i>	(\$13,579.00) ¹
SK Dewatering ¹	Downgrade pump package - specify <i>Downgrade pump from 6JSC to 6" Silent Wellpoint Dewatering Pump- trailer mounted¹</i>	(\$5,797.00) ¹
4- Trailer ¹	Downgrade pump package - specify <i>Trailer for 4JSCM/4JSVM model¹</i>	(\$1,588.00) ¹
6- Trailer ¹	Downgrade pump package - specify <i>Trailer for 6JSC/6JSV models¹</i>	(\$1,942.00) ¹
TPM Panel- Basic ¹	Delete remote control <i>Downgrade pump to basic manual start control panel¹</i>	(\$2,791.00) ¹
8- Trailer ¹	Delete option - specify <i>Trailer for 8JSC models¹</i>	(\$2,944.00) ¹
10- Trailer ¹	Delete option - specify <i>Trailer for 10JSC-HP/12JSC-LHP models¹</i>	(\$6,163.00) ¹
12- Trailer ¹	Delete option - specify <i>Trailer for 12JSC-HP/18JSC-HP/18JSC-PEAK models¹</i>	(\$8,700.00) ¹
3- Trailer ¹	Delete option - specify <i>Trailer for 3D Model¹</i>	(\$290.00) ¹
Float Box ¹	Delete option - specify <i>Remove float storage box¹</i>	(\$160.00) ¹
E-Chamber ¹	Delete option - specify <i>Remove air/water separation chamber¹</i>	(\$363.00) ¹
Light Package ¹	Delete option - specify <i>DOT Light Package¹</i>	(\$281.00) ¹
ECON-Options ¹	Delete option - specify <i>Removal of CLB, FEND, and LJ for 4" and 6" pumps only¹</i>	(\$943.00) ¹

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DEALER:	Thompson Pump & Manufacturing Company, Inc.			
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00

4-WTP ¹	Delete option - specify <i>Downgrade pump from 6JSC to 4" Trash Pump with FT4 engine- trailer mounted¹</i>	(\$15,032.00) ¹
6JSC-FT4-LHP ¹	Delete option - specify <i>Downgrade pump from 6JSC to 6JSC-LHP with FT4 engine- trailer mounted¹</i>	(\$2,245.00) ¹
6JSV-FT4-LHP ¹	Delete option - specify <i>Downgrade pump from 6JSC to 6JSC-LHP with FT4 engine- trailer mounted¹</i>	(\$906.00) ¹
4JSC-FT4 ¹	Delete option - specify <i>Downgrade pump from 6JSC to 4JSC- with FT4 engine- trailer mounted¹</i>	(\$3,796.00) ¹
4JSV-FT4 ¹	Delete option - specify <i>Downgrade pump from 6JSC to 4JSV- with FT4 engine- trailer mounted¹</i>	(\$2,456.00) ¹
	Delete option - specify	NA
	Delete option - specify	NA

Order Code	Add Options	All Zones
8JSCE-FT4-C ¹	Upgrade to 8" pump <i>Upgrade pump from 6JSC to 8JSC-HP with FT4 engine- trailer mounted¹</i>	\$39,277.00 ¹
10JSC-FT4-C ¹	Upgrade to 10" pump <i>Upgrade pump from 6JSC to 10JSC-HP with FT4 engine- trailer mounted¹</i>	\$44,825.00 ¹
12JSC-FT4-V ¹	Upgrade to 12" pump <i>Upgrade pump from 6JSC to 12JSC-HP with FT4 engine- trailer mounted¹</i>	\$86,368.00 ¹
4- Silent Knight ¹	Upgrade to aluminum sound attenuated 3" pump package <i>Upgrade to sound attenuated 4JSC-LHP Silent Knight, Sound Attenuated Enclosure¹</i>	\$8,100.00 ¹
4/6- Silent Knight ¹	Upgrade to aluminum sound attenuated 4" pump package <i>Upgrade to sound attenuated 4JSC-FT4/6JSC-LHP-FT4 Silent Knight, Sound Attenuated Enclosure¹</i>	\$9,754.00 ¹
6- Silent Knight ¹	Upgrade to aluminum sound attenuated 6" pump package <i>Upgrade to sound attenuated 6JSC/6JSV Silent Knight, Sound Attenuated Enclosure¹</i>	\$11,875.00 ¹
8/10/12- Silent Knight ¹	Upgrade to aluminum sound attenuated 8" pump package <i>Upgrade to sound attenuated 8JSC/10JSC/12JSC-LHP Silent Knight, Sound Attenuated Enclosure¹</i>	\$14,184.00 ¹
12/18- Silent Knight ¹	Upgrade to aluminum sound attenuated 10" pump package <i>Upgrade to sound attenuated 12JSC-HP/18JSC-HP Silent Knight, Sound Attenuated Enclosure¹</i>	\$17,799.00 ¹
18- Silent Knight ¹	Upgrade to aluminum sound attenuated 12" pump package <i>Upgrade to sound attenuated 18JSC-PEAK Silent Knight, Sound Attenuated Enclosure¹</i>	\$19,213.00 ¹
6JSC-FT4-C/K ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSC-C/K with FT4 engine- trailer mounted¹</i>	\$3,462.00 ¹
6JSV-FT4-C/K ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSV-C/K vacuum assisted, with FT4 engine- trailer mounted¹</i>	\$5,894.00 ¹
4JSC-HP-FT4 ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 4JSC-HP with FT4 engine- trailer mounted¹</i>	\$8,925.00 ¹
4JSV-HP-FT4 ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 4JSV-HP with FT4 engine- trailer mounted¹</i>	\$11,356.00 ¹
6JSC-FT4-J/D ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSC-J/D with FT4 engine-trailer mounted¹</i>	\$11,427.00 ¹

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ZONE:	Western	Northern	Central	Southern
BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00
6JSV-FT4-J/D ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSV-J/D vacuum assisted with FT4 engine-trailer mounted ¹</i>			\$13,819.00 ¹
24V Engine ¹	Upgrade - specify <i>Upgrade diesel engine from 12VDC to 24VDC with (2) 12VDC battery banks and charging system for LS ¹</i>			\$1,350.00 ¹
DC Battery Disconnect ¹	Upgrade - specify <i>Optional battery disconnect mounted inside the pump ¹</i>			\$390.00 ¹
6JSC-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSC-STP ¹</i>			\$3,729.00 ¹
6JSV-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 6JSV-STP vacuum-assisted ¹</i>			\$9,065.00 ¹
8JSC-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 8JSC-STP ¹</i>			\$14,936.00 ¹
12JSC-LHP-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 12JSC-LHP-STP ¹</i>			\$34,133.00 ¹
12JSC-HP-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 12JSC-HP-STP ¹</i>			\$82,381.00 ¹
18JSC-HP-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 18JSC-HP-STP ¹</i>			\$106,929.00 ¹
18JSC-PEAK-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 18JSC-PEAK-STP ¹</i>			\$126,318.00 ¹
4JSC-HP-STP ¹	Upgrade - specify <i>Upgrade pump from 6JSC to 4JSC-HP-STP ¹</i>			\$4,230.00 ¹
TPM Panel-Advanced ¹	Upgrade - specify <i>Advanced auto start/stop control panel with application specific features ¹</i>			\$3,109.00 ¹
Hose Racks ¹	Upgrade - specify <i>Hose racks for mobilizing suction and discharge hoses with the pump ¹</i>			\$842.00 ¹
Level Transducer ¹	Optional equipment - specify <i>Level/Pressure transducer with 50' of wet cable and leveling guard ¹</i>			\$2,120.00 ¹
Inside Work Lights ¹	Optional equipment - specify <i>(2) DC powered LED work lights with ON/OFF switch mounted inside the Silent Knight enclosure ¹</i>			\$510.00 ¹
Outside Work Lights ¹	Optional equipment - specify <i>(2) DC powered LED work lights with ON/OFF switch mounted outside the pump set ¹</i>			\$665.00 ¹
U Tank ¹	Optional equipment - specify <i>UL-142 modular DW fuel tank with std. dimensions ¹</i>			\$4,385.00 ¹
D Tank ¹	Optional equipment - specify <i>Non-UI modular DW fuel tank, std. dimensions ¹</i>			\$2,730.00 ¹
AC Power Inverter ¹	Optional equipment - specify <i>DC to AC power inverter mounted inside the Silent Knight enclosure ¹</i>			\$1,269.00 ¹
SCADA Interface ¹	Optional equipment - specify <i>SCADA Interface with up to 4 dry contact connections to be hard wired for remote monitoring of pump status ¹</i>			\$2,100.00 ¹
TPM Omni ¹	Optional equipment - specify <i>DC or AC powered beacon light with 75' HL float and (1) additional alarm ¹</i>			\$1,997.00 ¹

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DEALER:	Thompson Pump & Manufacturing Company, Inc.			
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BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00

Annual Monitoring-Omni ¹	Optional equipment - specify <i>TPM Omni- 12 month cellular subscription to monitoring database to receive alarms¹</i>	\$450.00 ¹
Annual Monitoring-RECON 2000T ¹	Optional equipment - specify <i>RECON 2000T- 12 Month subscription for cellular monitoring, plus capabilities to control the pump from remote website with RECON 2000T control panel¹</i>	\$650.00 ¹
Solar Battery Charger ¹	Optional equipment - specify <i>Solar powered battery charger¹</i>	\$868.00 ¹
RECON 2000T ¹	Optional equipment - specify <i>RECON 2000T Advanced control panel that allows pumps to be monitored and controlled remotely from a computer, tablet, or smartphone¹</i>	\$4,425.00 ¹
Z Tank ¹	Optional equipment - specify <i>Additional fuel capacity for 4"-8" modular fuel tanks- max 150 gallon- skid only¹</i>	\$2,900.00 ¹
SK Protection ¹	Optional equipment - specify <i>Additional protective components to finish coat on the Silent Knight enclosure- surface prep and UV resistant clear coat¹</i>	\$921.00 ¹
Mod Tank Coating ¹	Optional equipment - specify <i>Corrosion resistant coating for modular fuel tanks¹</i>	\$3,045.00 ¹
STP-SCI ¹	Optional equipment - specify <i>Optional impeller for specific applications, select models only¹</i>	\$1,523.00 ¹
STP-DD ¹	Optional equipment - specify <i>Optional DRS or DCS for specific applications, select models only¹</i>	\$653.00 ¹
STP-SU ¹	Optional equipment - specify <i>Optional Start-Up Testing and Training for specific applications, select models only¹</i>	\$471.00 ¹
Storage Box ¹	Optional equipment - specify <i>Optional lockable storage box for trailer-mounted pumps¹</i>	\$650.00 ¹
Battery Charger ¹	Optional equipment - specify <i>Optional 120V Battery Charger¹</i>	\$471.00 ¹
Spare Tire ¹	Optional equipment - specify <i>Optional on-board spare tire for trailer mounted pumps¹</i>	\$316.00 ¹
Hydraulic Brakes ¹	Optional equipment - specify <i>Optional hydraulic brakes per axle for trailer mounted pumps¹</i>	\$895.00 ¹
Throttle Actuator ¹	Optional equipment - specify <i>Optional throttle actuator to adjust RPM automatically in specific applications¹</i>	\$1,185.00 ¹
32HPU/60HST-J ¹	Optional equipment - specify <i>Upgrade pump from 6JSC to 32HPU/60HST with FT4 engine- trailer mounted¹</i>	\$4,156.00 ¹
12JSV-FT4-V ¹	Optional equipment - specify <i>Upgrade pump from 6JSC to 12JSV-HP vacuum-assisted with FT4 engine- trailer mounted¹</i>	\$91,720.00 ¹
8x10 HP Suction Hose ¹	Optional equipment - specify <i>8" x 10' HP Suction/Discharge Hose, C- Ball x Socket¹</i>	\$874.00 ¹
3 Inch Hose Package ¹	Optional equipment - specify <i>(1) 3" x 20' Suction Hose, B- CxE and (1) 3" x 50' R- Lay-Flat Discharge Hose, B- CxE¹</i>	\$252.00 ¹
4x20 Suction Hose ¹	Optional equipment - specify <i>4" x 20' Suction Hose, Ball x Socket¹</i>	\$218.00 ¹

VEHICLE:	6JSC			
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BASE PRICE:	\$38,914.00	\$38,914.00	\$38,914.00	\$38,914.00
4x10 Suction Hose ¹	Optional equipment - specify <i>4" x 10' Suction Hose, Ball x Socket</i> ¹			\$185.00 ¹
4x50 Discharge Hose ¹	Optional equipment - specify <i>4" x 50' Low Pressure Lay-Flat Discharge Hose, Ball x Socket</i> ¹			\$172.00 ¹
4x10 HP Discharge Hose ¹	Optional equipment - specify <i>4" x 10' HP Discharge Hose, C-Ball x Socket</i> ¹			\$231.00 ¹
6x20 Suction Hose ¹	Optional equipment - specify <i>6" x 20' Suction Hose, Ball x Socket</i> ¹			\$449.00 ¹
6x10 Suction Hose ¹	Optional equipment - specify <i>6" x 10' Suction Hose, Ball x Socket</i> ¹			\$284.00 ¹
6x50 Discharge Hose ¹	Optional equipment - specify <i>6" x 50' Low Pressure Lay-Flat Discharge Hose, Ball x Socket</i> ¹			\$264.00 ¹
6x10 HP Discharge Hose ¹	Optional equipment - specify <i>6" x 10' HP Discharge Hose, C-Ball x Socket</i> ¹			\$455.00 ¹
AUX FT- 254 ¹	Optional equipment - specify <i>Optional UL-142, DW auxiliary fuel tank with SS braided 15' of SS supply/return fuel lines</i> ¹			\$5,984.00 ¹
AUX FT- 500 ¹	Optional equipment - specify <i>Optional UL-142, DW auxiliary fuel tank with SS braided 15' of SS supply/return fuel lines</i> ¹			\$8,110.00 ¹
8JSV-LHP-FT4 ¹	Optional equipment - specify <i>Upgrade pump from 6JSC to 8JSVE-LHP with FT4 engine, trailer mounted</i> ¹			\$30,889.00 ¹
Special Metals ¹	Optional equipment - specify <i>Optional corrosion resistant impeller metal for 4" and 6" pump</i> ¹			\$3,500.00 ¹
FPM- 4/6 Pumps ¹	Maintenance Plan - specify <i>(1) Std. FPM Service for 4" and 6" Pumps</i> ¹			\$490.00 ¹
FPM- 8/10/12/18 Pumps ¹	Maintenance Plan - specify <i>(1) Std. FPM Service for 8", 10", 12", and 18" pumps</i> ¹			\$834.00 ¹
Engine Warranty ¹	Warranty - specify <i>Additional 12 month diesel engine warranty based on TPM service agreement</i> ¹			\$1,650.00 ¹
TPM Warranty ¹	Warranty - specify <i>Additional 12 month Thompson Pump warranty based on TPM service agreement</i> ¹			\$750.00 ¹
% Discount ¹	Warranty - specify <i>Equal discount percentage off manufacturers current LIST pricing for any non-specified options and any additional models and options not included.</i> ¹			Std ¹



Municipal Sales
4620 City Center Dr., Port Orange, FL, USA 32119
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acurry@thompsonpump.com

May 13, 2019

Quote # WPB-AC-069-2019

Cooper City Utilities
11791 SW. 49th Street
Cooper City, FL 33330
PH: (954) 434-5519
E: cbergeron@coopercityfl.org

RE: FY2018-19 Stand-by Thompson Pump

Hello Chad,

Thank you for your interest in Thompson Pump & Manufacturing and the products and the services that we provide. We understand that this pump will be utilized by Cooper City Utilities Department for automatic, redundant emergency by-pass pumping at lift station #41. The pump will be permanently-mounted at address TBD.

<u>PS Name</u>	<u>Thompson Pump Required</u>	<u>Duty Point Req.</u>
#41	6JSCEE-DIS-4LE2T-ZC	900 GPM at 60' TDH

We are providing pricing for (1) Thompson Pump Model 6JSCEE-DIS-4LE2T-ZC, a 6" Skid-Mounted, Sound Attenuated, Extended Run Time, and High Efficiency By-Pass Pump.

Should you require further information or have any questions, please contact me at the number below.

Sincerely,

Allan Curry

Allan Curry
Thompson Pump & Manufacturing Co., Inc
Municipal Sales Representative
Cell: (561) 284-5149,
Email: acurry@thompsonpump.com

cc: Dave Perry, Municipal Sale Manager



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

PRICE QUOTE

Description	Qty.	Unit Price	Subtotal
<p>6JSCEE-DIS-4LE2T-ZC</p> <p>6" x 6" Dry-Priming, High Efficiency, By-Pass Pump</p> <ul style="list-style-type: none"> ▪ Primary Duty Point: 900 GPM at 60' TDH ▪ Hardened Impeller: 9.5" Ductile Iron, Enclosed, with 400 BN Hardness ▪ Engine: Isuzu 4LE2T, Final Tier IV, diesel engine ▪ Priming: Enviroprime System® Compressor-Assisted, dry-priming ▪ Mounting: I Beam, Skid-type with modular frame with 142-gallon tank ▪ Standard Equipment: Lifting bail provision, locking provisions for battery and fuel cap, integral fuel tank cleanouts and drain ports, 6" ANSI Flange x 6" ANSI Flange suction and discharge fittings, fuel and vacuum gauge. Standard discharge for LS#41 Site-Plan <p><u>Options & Accessories</u></p> <ul style="list-style-type: none"> ▪ TPM Control Panel for electronically governed engine: Included ▪ Silent Knight Sound Attenuated Canopy: included ▪ Auto Start/Stop Floats: Included ▪ 120 Volt Battery Charger: Included ▪ Level Transducer: 15 PSI Level Transducer Included ▪ SCADA Communication 4 Dry Contacts: Included ▪ 12 VDC Interior Work Lights: Included ▪ Non-UL 142 Gallon Modular Double Walled Fuel Tank for 72 Hours of Operating Time at Primary Duty Point: Included ▪ Inner Wall Leak Sensor: Included ▪ Inches to Gallons Chart: Included ▪ 12 VDC-to-120VAC Inverter with GFI Outlet/Fusible Link: Included ▪ 2 Year Limited Warranty: TPM and Engine Warranty Included ▪ On-Site Tightness Testing for Fuel Tank: Responsibility of Install Contractor ▪ Startup Training and Performance Test & Inspection: Included ▪ Paint: Paint color Municipal White w/ UV Protective Coating 	1	\$83,339.00	\$83,339.00

Terms & Conditions

<ul style="list-style-type: none"> • FOB: DESTINATION
<ul style="list-style-type: none"> • PAYMENT TERMS: NET 30-DAYS FROM INVOICE DATE (WITH APPROVED CREDIT). A storage fee (2.5% of purchase price) will be assessed per month (pro-rated daily) for inventory held 7 calendar days past the pre-scheduled delivery date.
<ul style="list-style-type: none"> • DELIVERY: 12-16 WEEKS OR SOONER AFTER RECEIPT OF A HARD COPY PURCHASE ORDER. PAYMENT TERMS BASED ON THE DATE OF DELIVERY. FREIGHT CHARGE \$750 INCLUDED IN PRICE ABOVE
<ul style="list-style-type: none"> • PLEASE PROVIDE A TAX EXEMPTION CERTIFICATE AT TIME OR ORDER IF APPLICABLE
<ul style="list-style-type: none"> • NO PENALTIES OR LIQUIDATED DAMAGES ARE ACCEPTABLE
<ul style="list-style-type: none"> • CANCELLATION OF THIS ORDER OR RETURN OF THIS UNIT MAY RESULT IN RE-STOCKING FEES
<ul style="list-style-type: none"> • THIS QUOTE IS VALID FOR 120 DAYS



3700 NW 124th Ave., Suite 132
 Coral Springs, FL 33065
 USA
 Tel.: (954) 755-9330
 Fax.: (954) 346-8000

Issued To:
Cooper City Florida

Attn.: Steve Blanchard

QUOTATION

Number: 190624
Date: 6/24/2019
Financial Code: NAS-JAX PD
Ship via: Best Way Ground
Payment Term: Net 30 Days
Ship date: June 24, 2019

Ship To:
FOB Destination

Item	Part #	Description	Quantity	Unit Price	Total
1		<p>6JSCEE-DIS-4LE2T-2C - Thompson Pump 6" x 6" Dry-Priming, High Efficiency, By-Pass Pump Primary Duty Point: 900 GPM at 60' TDH Hardened Impeller: 9.5" Ductile Iron, Enclosed, with 400 BN Hardness Engine: Isuzu 4LE2T, Final Tier IV, diesel engine Priming: Enviroprime System® Compressor-Assisted, dry-priming Mounting: I Beam, Skid-type with modular frame with 142-gallon tank Standard Equipment: Lifting bail provision, locking provisions for battery & fuel cap, integral fuel tank cleanouts and drain ports, 6" ANSI Flange x 6" ANSI Flange suction & discharge fittings, fuel and vacuum gauge. Standard discharge for LS#41 Site-Plan</p> <p>Options & Accessories TPM Control Panel for electronically governed engine: Included Silent Knight Sound Attenuated Canopy: Included Auto Start/Stop Floats: Included 120 Volt Battery Charger: Included Level Transducer: 15 PSI Level Transducer Included SCADA Communication 4 Dry Contacts: Included 12 VDC Interior Work Lights: Included Non-UL 142 Gallon Modular Double Walled Fuel Tank for 72 Hours of Operating Time at Primary Duty Point: Included Inner Wall Leak Sensor: Included In-chest to Gallons Chart: Included 12 VDC-to-120 VAC Inverter with GFI Outlet/Fusible Link: Included 2 Year Limited Warranty: TPM and Engine Warranty Included</p> FOB Destination	1	\$ 67,979.00	\$ 67,979.00
				Subtotal	\$ 67,979.00
				Tax rate	\$
				Part shipping/Handling	\$
				Other	\$ -
				Total	\$ 67,979.00

Special Remarks:

Fadi Soubra

Authorized Signature

June 24, 2019

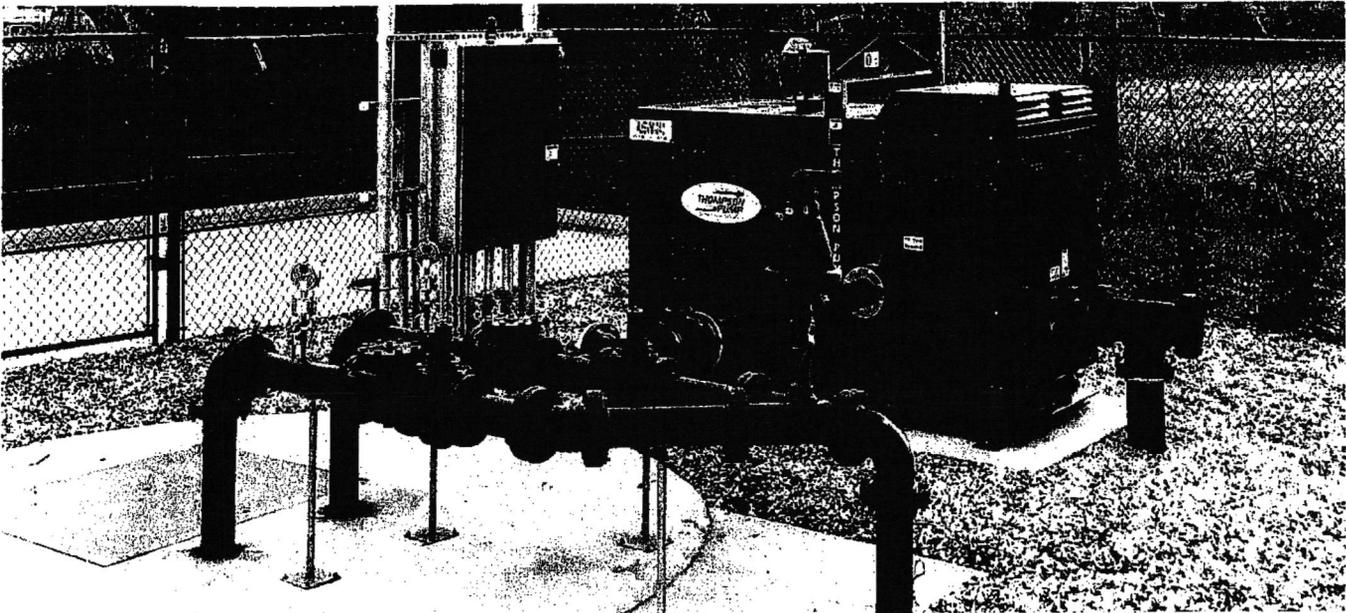
Date

A.C.E.S, Inc.
 3700 NW 124th Ave., Suite 132
 Coral Springs, FL 33065
 USA
 email: fadi.soubra@acesincusa.com • http://acesincusa.com



EMERGENCY BACKUP LIFT STATION STANDBY SYSTEM

Enviroprime System[®]



Thompson Pump's diesel-driven backup pumps are quickly replacing generator backup systems as the ideal contingency plan. The Thompson Backup System's permanently installed standby units continue pumping despite power loss or primary pump failures, and act as the primary pumping system during maintenance or repairs. Our exclusive and eco-friendly Enviroprime System[®] pumps are available in size 2" to 18" and can easily handle flows up to 11,000 gallons-per-minute (GPM) and solids up to 4" in diameter. The Thompson Enviroprime System[®], unlike other automatic priming systems, actively prevents blow-by or pumpage from discharging on the ground, keeping the environment clean and safe. The Thompson Backup System is also available with Oil-less Vacuum Technology.

BACKUP PUMP OPTIONS

- Available as diesel-driven, natural gas powered, and other alternative fuels
- Automatic start and stop systems using floats or transducers
- Automatic throttle control for diesel engine
- Remote monitoring and notification systems integration
- Sound attenuated enclosures
- Double wall fuel tanks
- Battery chargers
- Cold weather aids
- SCADA interface

ADVANTAGES

- Fully automatic and independent system
- Less expensive than comparable diesel generator and ATS
- Less complicated – no need for complicated transfer switches
- Increased flexibility – can size diesel backup pump to handle potential infiltration and inflow
- Versatile – can use diesel backup pump to supplement lift station pumps if needed
- User friendly – can provide notification that backup pump is running – can even measure depth of water in wet well and adjust engine speed accordingly
- Power outage issues, our pump is fully independent
- Compact design, high capacity pumps
- Stand alone capabilities – pump operates on its own power that takes the place of a generator
- A smarter contingency plan