



STAFF REPORT

Report To: Board of Supervisors

Meeting Date: October 7, 2021

Staff Contact: Carol Akers, Purchasing and Contracts Administrator and Darren Schulz, Public Works Director

Agenda Title: For Possible Action: Discussion and possible action regarding purchase authority for a sanitary sewer pump through Pac Machine Co., Inc. ("Pac") for use at the South Lift Pump Station for an amount not to exceed \$67,485. (Carol Akers, CAkers@carson.org and Andy Hummel, AHummel@carson.org)

Staff Summary: This purchase would allow the Department of Public Works to replace an existing pump that has reached the end of its service life. The purchase and repair of pumps is included in the Wastewater Fund Equipment Capital Improvement Plan. The not to exceed amount of \$67,485 is composed of \$66,635 for the pump and \$850 for ground freight delivery.

Agenda Action: Formal Action / Motion

Time Requested: Consent

Proposed Motion

I move to approve the purchase as presented.

Board's Strategic Goal

Efficient Government

Previous Action

N/A

Background/Issues & Analysis

The Wastewater Division of the Department of Public Works operates and maintains five sanitary sewer lift stations. These lift stations use a system of pumps to push sanitary sewer from low lying areas up to a higher level at which point gravity flow can be maintained. These stations typically utilize a minimum of two pumps to provide redundancy and additional capacity during periods of high flow.

The South Lift Pump Station, located on Bigelow Drive, utilizes two, 6" 85 hp submersible pumps, with a third pump kept on-hand to maintain service when one of the primary pumps requires repair or replacement. The pumps at the South Lift Pump Station, as well as many other submersible wastewater pumps utilized across the City, are manufactured by Flygt. Therefore, it is more efficient for the City to add to, repair, and maintain its sanitary sewer lift stations, including the South Lift Pump Station, if it continues to utilize Flygt pumps. Pac is the authorized distributor for Flygt products in Northern Nevada.

Wastewater Division staff believes purchasing a new pump is preferable to making as-needed repairs for the pump that is at the end of its service life. The pump being replaced was removed from service for rebuild this summer, due to damage and wear found on the casing and mounting mechanism. However, staff learned that

the repair cost was almost as expensive as purchasing a new pump, and staff decided to seek the present purchase authority instead of moving forward with repairs.

Applicable Statute, Code, Policy, Rule or Regulation

NRS 332.115(1)(c), (d)

Financial Information

Is there a fiscal impact? Yes

If yes, account name/number: Project # P320117035
Wastewater Fund Capital Improvement Account / 5103205-507010

Is it currently budgeted? Yes

Explanation of Fiscal Impact: Account #5103205-507010 will be reduced by \$67,485; the available budget is \$333,000.

Alternatives

Do not approve the purchase and provide alternative direction to staff.

Attachments:

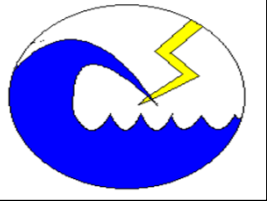
[09-09-21 Flygt 3301.095-85HP HT Pump Quote_CCWW.pdf](#)

[Distributor Letter for Pac Machine 081621.pdf](#)

Board Action Taken:

Motion: _____	1) _____	Aye/Nay
	2) _____	_____

(Vote Recorded By)



PAC MACHINE CO., INC.
 1246 GLENDALE AVE.
 SPARKS, NV 89431-5916
 (775) 359-8500 FAX: (775) 359-0818

QUOTE

DATE

9/9/2021

BILL TO:

CARSON CITY WASTEWATER
 ATTN. JEFF BRADSHAW
 (775) 887-2362 x7442
jbradshaw@carson.org

SHIP TO:

CCWW
 SOUTH LIFT STATION
 CARSON CITY, NV 89701

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
	NET 30	CJS	TBD	TBD	CC WWTP	FLYGT PUMP
QUANTITY	DESCRIPTION		PRICE EACH	AMOUNT		

1	6" FLYGT NP3301.095, 85HP, 460V 3PH, 466 HT IMP, CAST IRON SUBMERSIBLE WW PUMP W/ 50' CABLE EXPLOSION PROOF HARD IRON IMPELLER, INSERT RING SLIDE RAIL MOUNTING VERSION FLS INCLUDED	\$66,635.00	\$66,635.00
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**LEAD TIME: 12 WEEKS AIR / 15 WEEKS GROUND
 FOB FACTORY**

ESTIMATED FREIGHT

\$11,000.00
 \$850.00

AIR
 GROUND

PLUS TAX & FREIGHT, SUBJECT TO AVAILABILITY

FREIGHT	T.B.D.
SUBTOTAL	
SALES TAX	
LABOR	
TOTAL	

QUOTATIONS ARE VALID FOR 30 DAYS.

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION

Dewatering Solutions

22 Floodgate Road, Bridgeport NJ 08014
Tel +1.856.467.3636 Fax +1.856.467.4428

August 16, 2021

Pac Machine
Nevada Operations
1246 Glendale Ave
Sparks, NV 89431

Re: Pac Machine - Authorized Distributor and Xylem partner for Godwin and Flygt products

To whom it may concern,

Pac Machine is an "Authorized Distributor" and factory partner of Godwin and Flygt products in Nevada. Any sales, rental, parts inquiries, repairs or requests for quotation for Godwin or Flygt products for the construction and mining markets should be directly referred to PAC Machine. We also suggest utilizing Pac Machine for any pump repairs to guarantee that your equipment is being serviced by a factory trained technician using genuine OEM parts.

Best Regards,



Stan Rockovich
Distribution and Product Manager, North America
Xylem Dewatering Solution