



STAFF REPORT

Report To: Board of Supervisors **Meeting Date:** June 2, 2022

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

Agenda Title: For Possible Action: Discussion and possible action regarding a proposed \$2,360 increase in purchase authority to Pac Machine Co., Inc. ("Pac"), beyond the previously approved \$67,485 for the South Lift Pump Station replacement pump, to cover additional freight costs, resulting in a new not to exceed amount of \$69,845. (Carol Akers, CAkers@carson.org and Andy Hummel, AHummel@carson.org)

Staff Summary: The original not to exceed amount of \$67,485 was based on \$66,635 to replace an existing pump that has reached the end of its service life, plus \$850 in estimated freight costs. Actual freight costs of \$3,210 exceeds the \$850 allotted by \$2,360; therefore, additional purchase authority in that amount is needed, resulting in a new not to exceed amount of \$69,845. The purchase and repair of pumps is included in the Wastewater Fund Equipment Capital Improvement Plan.

Agenda Action: Formal Action / Motion **Time Requested:** Consent

Proposed Motion

I move to approve the increase in purchase authority as presented.

Board's Strategic Goal

Efficient Government

Previous Action

On October 7, 2021, the Board of Supervisors approved the purchase of a 6" 85 hp Flygt submersible pump from Pac for an amount not to exceed \$67,485.

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.

Flygt is located in Sweden; as such, shipping costs can be quite variable. Original authority to purchase the replacement pump was granted by the Board of Supervisors on October 7, 2021. Since that time, supply chain issues have greatly impacted shipping costs, especially for ocean freight, which is how this pump was shipped

from Sweden. The original shipping cost of \$850 was quoted as an estimate based on market conditions at the time; actual shipping cost was \$3,210, an increase of \$2,360.

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: If approved, account #5103205-507010 will be reduced by an additional \$2,360; the available budget is \$663,297.

Alternatives

Do not approve the purchase authority increase and/or provide alternative direction to staff.

Attachments:

[Invoice 86780.pdf](#)

[Approved staff report 10-07-21.pdf](#)

[22200294.pdf](#)

Board Action Taken:

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

(Vote Recorded By)



PAC MACHINE CO., INC.
 8570 23RD AVENUE
 SACRAMENTO, CA 95826-4902
 (916) 387-1336 FAX: 387-1380

Invoice

DATE	INVOICE #
05/18/2022	86780

CARSON CI

BILL TO:

CARSON CITY- CITY HALL
 ACCTS PAY/SEWER W.W. PLANT
 3320 EAST FIFTH ST.
 CARSON CITY, NV 89701

SHIP TO:

CARSON CITY- CITY HALL
 SEWER WASEWATER PLANT
 3320 EAST FIFTH ST.
 CARSON CITY, NV 89701

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
22200294	NET 30	CJS	05/18/2022	TRUCK	Origin	86843

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
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1		3301.095-0169 6" FLYGT NP3301.095, 85HP, 460V, 3PH, 466 HT IMPELLER, SUBMERSIBLE WW PUMP W/65' SUBCAB FM, FLS, FV S/N: 2220002	66635.00	66635.00
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1		FREIGHT (2184 LBS) TO REPLACE UNREPAIRABLE PUMP IN SPARKS OFFICE WO 21-087	3210.00	3210.00
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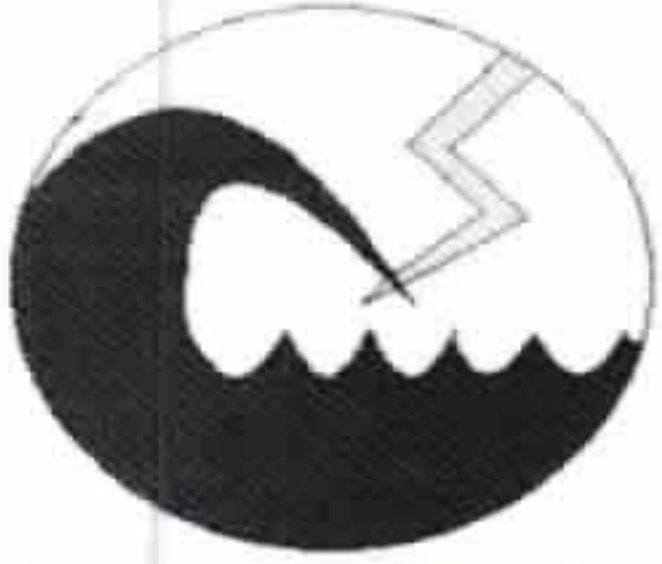
*Change order Needed -
Freight came in
higher than anticipated*

REC'D BY: <u>JB</u>	DATE: <u>5/19/2022</u>
Vendor # <u>1521</u>	Group # _____
Check Date _____	
Acct # <u>5103205-507010</u>	
Mgr <u>PO 22200294</u>	Date: _____
Approved for Payment	

Invoice subtotal 69845.00

Invoice total 69845.00

TOTAL



PAC MACHINE CO., INC.
 1246 GLENDALE AVE
 SPARKS, NV 89431-5602
 (775) 359-8500 FAX: (775) 359-0818

PACKING SLIP

DATE

11.4.21

BILL TO:

CARSON CITY
 SEWER WASTEWATER PLANT
 ATTN: JEFF BRADSHAW
 3320 E. FIFTH STREET
 CARSON CITY, NV 89701-3498

SHIP TO:

CITY OF CARSON CITY
 PW - WASTEWATER PLANT
 3320 E. 5TH STREET
 CARSON CITY, NV 89701

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
22200294	NET 30	CJS	TBD	TBD	ORIGIN	SP12835

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
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1	3301.095-0169 6" FLYGT NP3301.095, 85HP, 460V, 3PH 466 HT IMPELLER, SUBMERSIBLE WW PUMP W/ 65' SUBCAB, FM, FLS, FV		
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SN: 2220002

TO REPLACE UNREPAIRABLE PUMP WO 21-087
 SPARE PARTS FROM OLD PUMP

PLEASE SIGN FOR RECEIVED

Jeff Bradshaw
 SIGN

5/19/2022
 DATE

PLUS TAX & FREIGHT, SUBJECT TO AVAILABILITY

FREIGHT
SUBTOTAL
SALES TAX
LABOR
TOTAL

QUOTATIONS ARE VALID FOR 30 DAYS.

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION



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: approve

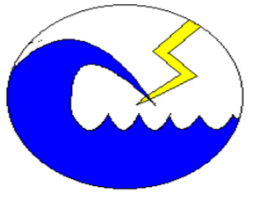
- 1) MW
- 2) LS

Aye/Nay

AR
~~5/10~~

AR
(Vote Recorded By)

4 aye
0 nay
1 absent (LB)



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:

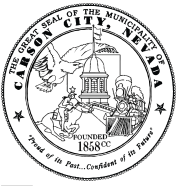
CCWW
 SOUTH LIFT STATION
 CARSON CITY, NV 89701

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
	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



Carson City
 City Hall
 201 North Carson Street
 Carson City, NV 89701

Purchase Order

Fiscal Year 2022

Page: 1 of: 1

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SEWER WASTEWATER PLANT
 3320 EAST FIFTH ST
 CARSON CITY, NV 89701

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES AND SHIPPING PAPERS.

Purchase Order # **22200294**

Delivery must be made within doors of specified destination.

V
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R

PAC MACHINE COMPANY, INC
 8570 23RD AVENUE
 SACRAMENTO, CA 95826-4902
 Fax: 703-684-2492

S
H
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P
T
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SEWER WASTEWATER PLANT
 3320 EAST FIFTH ST
 CARSON CITY, NV 89701
 Email: JBRADSHAW@CARSON.ORG

Vendor Phone Number		Vendor Fax Number		Requisition Number		Delivery Reference	
800-666-0206		703-684-2492		22100337			
Date Ordered	Vendor Number	Date Required	Freight Method/Terms		Department/Location		
10/28/2021	1521				SEWER WASTEWATER PLANT		
Item#	Description/PartNo			QTY	UOM	Unit Price	Extended Price
	WWTP-SOUTH LIFT PUMP 2 - REPLA The Above Purchase Order Number Must Appear On All Correspondence - Packing Sheets And Bills Of Lading						
1	WWTP-SOUTH LIFT PUMP 2 - REPLACEMENT GL Account: 5103205 - 507010 Cross Reference: 510-3205-434.70-20 510-3205-434.70-40 510-3205-434.70-70			1.0	EACH	\$66,635.00	\$66,635.00
2	WWTP-SOUTH LIFT PUMP 2 - FREIGHT GL Account: 5103205 - 507010 Cross Reference: 510-3205-434.70-20 510-3205-434.70-40 510-3205-434.70-70			1.0	EACH	\$850.00	\$850.00

For Terms and Conditions visit
Carson.org/conditions

By: Carol
 Purchasing & Contracts Administrator

Total Ext. Price	\$67,485.00
PO Total	\$67,485.00