

CITY OF YUBA CITY  
STAFF REPORT

**Date:** September 6, 2022  
**To:** Honorable Mayor & Members of the City Council;  
**From:** Public Works Department  
**Presentation By:** Ben Moody, Public Works & Development Services Director

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**Summary**

**Subject:** Wastewater Treatment Facility Lift Station No. 2 Rehabilitation Equipment Purchase

**Recommendation:** Adopt a Resolution awarding the purchase of three (3) Flygt-brand hard iron impeller pumps and associated parts to Shape, Incorporated of Pleasanton, CA in the amount of \$256,000 for the Lift Station No. 2 Rehabilitation Project, with the finding that it is in the best interest of the City

**Fiscal Impact:** \$256,000 – Account No. 981105-65501 (Lift Station Improvements)

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**Purpose:**

Facilitate the Lift Station No. 2 Rehabilitation Project by pre-purchasing proprietary equipment in an expedient and cost-effective manner.

**Council's Strategic Goal:**

This project addresses the City Council's Strategic Goal of improving vital wastewater Infrastructure through the construction of a priority rehabilitation project.

**Background:**

The City's wastewater collections system includes 17 lift stations, which were evaluated by the City's consultant in the 2020 Wastewater Master Plan. Major rehabilitation of Lift Station No. 2 was recommended as a priority for completion within the first one to five years under the 2020 plan. Identified concerns include exposed aggregate and reinforcing bars in the wet well and the lack of a bypass discharge option for emergencies and shutdowns.

**Analysis:**

Public Works Engineering staff has developed a multi-phase Lift Station No. 2 Rehabilitation Project (Project) to accomplish this priority need in a cost-effective and efficient manner.

**Lift Station No. 2 Rehabilitation Project Phases:**

1. Purchase of pumps and parts (Council award)

2. Purchase of bypass materials (City informal encumbrance)
3. Contract for bypass construction (Public Contract Code sole source)
4. Contract for wet-well rehabilitation and bypass operation (Public Contract Code formal bid)

Public Works is requesting the purchase of three (3) Flygt-brand hard iron impeller pumps and associated parts as Phase 1 of this Project. This specialty equipment will be installed as part of Phase 4 of the project, but staff recommends that the equipment be purchased separately from the construction contract due to the approximate manufacturing and shipping lead time of 20 to 24 weeks. Shape, Incorporated of Pleasanton, CA is the sole source for the specific Flygt-brand pumps needed for the Project, which eliminates the ability to competitively bid the purchase.

Engineering staff is currently preparing the plans and specifications for the Project. Once design is complete, Public Works staff will coordinate the purchase of the bypass materials and construction contract and return to Council for approval of the plans and specifications in order to bid the final phase of the Project. Staff aims to have the bypass constructed and the rehabilitation contract in place by the time of pump equipment delivery.

**Fiscal Impact:**

The total construction cost for the Project, including pump equipment and installation, bypass materials and installation, the wet-well rehabilitation, and project management is estimated at \$850,000. The pump equipment requested in this item has been quoted by Shape, Incorporated at \$198,900 plus tax in Exhibit 1A; staff has included a 20% contingency to offset price increases due to the current market's unpredictable supply and manufacturing costs.

There are sufficient funds in Account No. 981105-65501 (Lift Station Improvements) for this encumbrance, as well as the total construction cost for the Lift Station No. 2 Rehabilitation Project.

**Alternatives:**

Do not approve the award at this time and direct staff to include the pump purchase as part of the bid specifications for the Lift Station No. 2 Rehabilitation Project construction contract. Construction delays may result.

**Recommendation:**

Adopt a Resolution awarding the purchase of three (3) Flygt-brand hard iron impeller pumps and associated parts to Shape, Incorporated of Pleasanton, CA in the amount of \$256,000 for the Lift Station No. 2 Rehabilitation Project, with the finding that it is in the best interest of the City.

**Attachments:**

1. Resolution - WWTF Lift Station 2 Rehab Equipment
2. Shape Quote - WWTF Lift Station 2 Rehab Equipment

Prepared By:  
Scarlett O. Harris  
Administrative Analyst II

Submitted By:  
Diana Langley  
City Manager

# ATTACHMENT 1

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY  
AWARDING THE PURCHASE OF THREE (3) FLYGT-BRAND HARD IRON IMPELLER  
PUMPS AND ASSOCIATED PARTS TO SHAPE, INCORPORATED OF PLEASANTON, CA  
IN THE AMOUNT OF \$256,000**

WHEREAS, the City of Yuba City recognizes the need for ongoing maintenance and improvements to maintain continuous and reliable operation of the Wastewater Treatment Facility, wastewater collections system, and satellite facilities, including 17 lift stations, for the health and wellbeing of our customers and the environment; and

WHEREAS, the 2020 Wastewater Master Plan identified the rehabilitation of Lift Station No. 2 as a priority project, including repairs to the wet well due to exposed aggregate and reinforcing bars and the installation of a bypass discharge option for emergencies and shutdowns; and

WHEREAS, the Public Works Department Engineering Division has developed a multi-phase Lift Station No. 2 Rehabilitation Project to construct these identified needs in a cost-effective and efficient manner, beginning with the purchase of the proprietary Flygt-brand hard iron impeller pumps and associated parts; and

WHEREAS, the City has determined that the most expedient and beneficial means by which to facilitate the Lift Station No. 2 Rehabilitation Project is to purchase the appropriate pumps and parts directly; and

WHEREAS, the City desires to purchase three Flygt-brand hard iron impeller pumps and associated parts from Shape, Incorporated of Pleasanton, CA in accordance with the City's Purchasing Policies and Procedures, as the pumps are proprietary equipment uniquely suited for the City's wastewater lift station infrastructure and solely available from said vendor; and

WHEREAS, Shape, Incorporated is the sole supplier in the region of Flygt pumps; and

WHEREAS, the City has met the requirements to sole source the equipment pursuant to Public Contract Code section 3400(c) and City Purchasing Policies section 8-8.4.2; and

WHEREAS, the negotiated prices for the equipment from Shape, Incorporated are reasonable and on par with similar proprietary equipment in the wastewater industry; and

WHEREAS, the City Council now desires to authorize the sole source purchase of Flygt-brand pumps from Shape, Incorporated.

NOW, THEREFORE, be it resolved by the City Council of Yuba City as follows:

1. The City Council finds that all of the facts set forth in the recitals above are true and correct and incorporated herein.
2. The City Council finds that a sole source award is appropriate on grounds including that Shape, Incorporated is the sole authorized distributor of the desired type of pumps in the region, that only these pump types would be financially and practically feasible given the current operating system, facilities, and performance needs, and that the proposed

negotiated prices for Shape, Incorporated's equipment are reasonable and on par with similar proprietary equipment in the wastewater industry. Given this, the City Council finds that it is in the best interest of the City to make a sole source award to Shape, Incorporated for three (3) Flygt-brand hard iron impeller pumps and associated parts. As such, the City Council of the City of Yuba City awards the purchase of three (3) Flygt-brand hard iron impeller pumps and associated parts to Shape, Incorporated of Pleasanton, CA in the amount of \$256,000.

The foregoing Resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 6<sup>th</sup> day of September, 2022.

AYES:

NOES:

ABSENT:

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Dave Shaw, Mayor

ATTEST:

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Ciara Wakefield, Deputy City Clerk

APPROVED AS TO FORM  
COUNSEL FOR YUBA CITY:

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Shannon Chaffin, City Attorney  
Aleshire & Wynder, LLP

Exhibit:

A. Shape Quotation No. 096015FL -D

# EXHIBIT 1A



## QUOTATION

**PLEASANTON**

6600 Koll Center Parkway, Ste. 220  
 Pleasanton, CA 94566  
 Phone (925) 485-9720  
 Fax (925) 485-6085

**STOCKTON**

119 Val Dervin Parkway # 2  
 Stockton, CA 95206  
 Phone (209) 234-5909  
 Fax (209) 234-5913

**TO: Yuba City WWTP**  
**302 Burn Drive**  
**Yuba City, CA 95991**

**DATE: 26-Jul-22**  
**QUOTE #: 096015FL -D**  
**JOB: PS#2**  
**LOCATION: Yuba City, CA**

**ATTN:** Nate Mcready - [nmccread@yubacity.net](mailto:nmccread@yubacity.net)>

**PHONE:**  
**Fax:**

**WE ARE PLEASED TO QUOTE ON THE FOLLOWING EQUIPMENT  
 SUBJECT TO CONDITIONS PRINTED ON THE BACK HEREOF,  
 THESE CONDITIONS MAY BE CHANGED ONLY BY A WRITTEN  
 STATEMENT SIGNED BY AN OFFICER OF SHAPE, INCORPORATED.**

- F.O.B. FACTORY
- F.F.A. TO FIRST DESTINATION

QTY	ITEM	PRICE
<b>Pump Station #2 Upgrade</b>		
3	Flygt NP3202- MT, 642 <b>Hard Iron Impeller</b> , 35hp, 8" Discharge, 460/3/60, FLS Moisture Detection, F/M Explosion Proof Motor, 50ft of Power Cable	
3	Flygt Mini-Cas Thermal/Moisture Relays (Installed in Control Panel By Others)	
3	Flygt 8" Cast Iron Discharge Elbow	
1	Lot Accessories: (3) 3" Upper Guide Bar Bracket, (3) 3"x12" Intermediate Guide Bar Brackets, (12) 20ft Lengths 3" Guide Rails (3) 25ft Length of Chain, (6) Shackles, (3) Cable Holder, All 316 Stainless Steel	
3	36" x 48" Clear Opening, Aluminum Access Hatches, H20 Load Rating, Angle Style, Recessed Padlock Clip, Safety Grate	
1	Lot: Factory Standard Coating on Pumps & Elbows & Valves	
1	Lot: Startup Assistance	
1	Lot: Documents, O&Ms, & Freight	
	<b><u>Total For Above Equipment:</u></b>	<b><u>\$198,900.00</u></b>
<b>NOTES:</b>		
1. Price includes freight: F.F.A.		
2. Price does not include any applicable taxes		
3. Price does not include: installation, equipment unloading, guide bars, pipe, valves, conduit, anchor bolts, or any other items not listed.		
4. <b>ESTIMATED</b> delivery of equipment A) Pumps 20-24 WEEKS		
B) ACCESSORIES 5-7 WEEKS		

**SHAPE INC.**

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 Nick Chavez

QUOTATION DOES NOT INCLUDE ANY SALES OR USE TAX PAYABLE UNDER ANY STATE OR FEDERAL STATURE. THIS QUOTATION PRICE IS FOR MATERIAL LISTED ABOVE. ANY ADDITIONS OR MODIFICATIONS THAT BECOME NECESSARY FOR APPROVED SUBMITTALS, UPON AWARDING OF THIS CONTRACT, MAY RESULT IN NECESSARY PRICE CHANGES.

**NOTE: ITEMS NOT SPECIFIED ON THIS QUOTATION ARE NOT INCLUDED IN OUR PRICE AND ARE TO BE SUPPLIED BY OTHERS. PRICES ARE FOR IMMEDIATE ACCEPTANCE AND SUBJECT TO CHANGE WITHOUT NOTICE. SALE SUBJECT TO MANUFACTURERS STANDARD TERMS AND CONDITIONS. 30% Re-stocking fee.**