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**MEMORANDUM**

TO: Dana Williams, Finance Director  
FROM: Scott Ketchmark, Utilities Superintendent  
THROUGH: Nick Russo, Public Works Director  
SUBJECT: Arrowhead Pump & Supply Purchase Order Request  
DATE: February 15, 2022

The Utilities division has requested a purchase order for the replacement of the Brisas Lift Station sewage centrifugal pumps (2) through sole source representative Arrowhead Pump and Supply. The request contains expenses for replacement of two submersible pumps not able to properly pump the amount of non-disposable wipes, rags and clothing being flushed into our city's sewer system.

Over the past three months pump plugs and failures has caused an increase in staff overtime and emergency pump repair costs. The new Vaughan "chopper" style pumps are designed to shred/pump non-disposable wipes, rags, and clothing. Equipping our lift station with the new "chopper" style pumps will also reduce staff overtime and emergency pump repairs.

Please let this memo serve as notification of the intent of this purchase order request. Sufficient funds exist in the Collections budget to cover this expense



Arrowhead Pump & Supply LLC  
2452 E Ironside Drive  
Gilbert, AZ 85298

## Quote

Date Quoted: Feb 14, 2022  
Quote Number: 300093

### BILL TO:

City of El Mirage  
10355 N 121st Ave  
El Mirage, AZ, 85335

### SHIP TO:

City of El Mirage  
10355 N 121st Ave  
El Mirage, AZ, 85335

Contact Name: **Scott Ketchmark**

Lead Time: **6 - 8 weeks A.R.O.**

Quoted By: **Ron Kruger**

Ship Via: **Best Way / Our Choice**

S.No.	Product Details	Qty.	Price Ea.	Total
1.	<b>Pump Information: From Pump Tag</b>  Manufacturer: Vaughan Pump Model: SE4L-085 Size: 4" COS: 370 GPM @ 27 ft TDH Customer to re-use existing guiderail system and adapter bracket	1	\$ 0.00	\$ 0.00
2.	<b>Vaughan SE4L-085 Submersible Chopper Pump SE4L-085</b>  Vaughan SE4L-085 Submersible Chopper Pump: - Ductile iron casing & backplate - 4" ANSI #125 flanged discharge - Impeller, cutter bar, cutter nut and upper cutter cast steel, heat treated to min. Rockwell C60 - Buna-N elastomers - 5 HP, 1200 RPM, 3 PH, 230 or 460 V, EXP Proof motor with tandem mechanical seals, moisture sensors, internal thermostats. - Tnemec Perma-Shield PL series 431 epoxy (except motor). - COS: 370 GPM @ 27 ft TDH	2	\$ 15,195.00	\$ 30,390.00
3.	<b>Vaughan VPMR Relay VPMR</b>  Vaughan VPMR Relay Pump monitor relay for mounting in customer control panel to supply seal leakage & over temp alarms for submersible motor.	2	\$ 587.00	\$ 1,174.00

S.No. Product Details

Qty. Price Ea. Total

Sub Total \$ 31,564.00

Tax \$ 0.00

Freight \$ 1,000.00

Grand Total \$ 32,564.00

+ 8.6% \$ 2,800.50  
\$ 35,364.50

Terms and Conditions:

All quotes are valid for 30 days from date of issue (unless specified otherwise). Lead times are estimated by the manufacturer at the time of the quote. Please verify materials of construction are compatible with your process as Arrowhead Pump & Supply LLC does not warrant against chemical attack. Any item not specifically listed in the quote will not be supplied by Arrowhead Pump & Supply LLC. Please contact us for full terms & conditions. If paying with a credit card, a 3-1/2% transaction fee will be applied to the order. Freight is shipped pre-pay & add unless another form of shipment is requested.

Net 20 Days

October 14, 2021

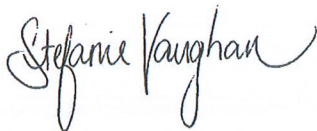
To Whom It May Concern:

The appointed Vaughan Co. Inc. Representative and sole source for the Industrial & Municipal markets including sales, service and parts in the state of Arizona is:

**Arrowhead Pump and Supply LLC**  
2452 E Ironside Dr  
Gilbert, AZ 85298  
Phone (623) 606-4275  
Email: [kevin.oliver@arrowheadpumpsupply.com](mailto:kevin.oliver@arrowheadpumpsupply.com)

Please contact them for pricing, information or any other assistance you require.

Sincerely,



Stefanie Vaughan  
Phone: 360.249.4042 ext. 227  
E-mail: [stefanie@chopperpumps.com](mailto:stefanie@chopperpumps.com)



**Brisas Duplex Lift Station Pump Damage Repairs**

ITEM ID	DESCRIPTION	QTY	INVOICE	PRICE
Sulzer/ABS Pump Ser. #300157370	1/8/2020 – Repair Kit, (Upper/Lower Seals) Bearings, O-Rings, Cable Seals, Teardown, Clean, Rehab, Paint, Test	1	Inv. 3012308	\$1,813.94
Sulzer/ABS Pump Ser. #1037549-FG	11/30/2021 – 2 techs @5.5 hours for trouble shooting clogged pumps. Rags, wipes and wire pulled from impeller/volute.	1	Inv. 3031388	\$1,209.30
Sulzer/ABS Pump Ser. #300268025	1/12/2022 – Repair Kit, (Upper/Lower Seals) Bearings, O-Rings, Cable Seals, Teardown, Clean, Rehab, Paint, Test	1	Inv. 1037526	\$2,033.27
Sulzer/ABS Pump Ser. #300157370	2/17/2022 – Repair Kit, (Upper/Lower Seals) Bearings, O-Rings, Cable Seals, Teardown, Impeller, Clean, Rehab, Paint, Test	1	Quotation	\$2,864.27
Keller Electric	7/22/2021 - Service to repair pump/floats	1	#0223287	\$848.76
Keller Electric	10/29/2021 – Service to replace intrinsic relay and damaged pump float replacement	1	#0224664	\$461.25
Keller Electric	12/13/2021 – Repaired Pump Electrical	1	#0225310	\$437.50
Keller Electric	2/11/2022 – Repaired blocked pump impellers, repositioned pumps	1	#0225371	\$405.00
	<b>Brisas Duplex Lift Station Pump Repairs</b>			<b>\$10,073.29</b>