

**EVALUATION OF BID  
PROPOSALS**

FOR: PRODUCT PURCHASE CONTRACT FOR REPLACEMENT OF VARIABLE  
FREQUENCY DRIVE (VFD)

Bid File No. 12400495  
Bid Opening: 11/07/2023

---

**BIDDERS**

**TOTAL NET BID AMOUNT**

1. Allied Electric 4690 E. Jensen Ave. Fresno, CA 93725	\$384,642.50
2. Fisher Electrical Integration, Inc. 3166 Industrial Blvd. Sacramento, CA 95691	\$508,986.76
3. Industrial Power & Automation 31805 Temecula Pkwy. Temecula, CA 92592	\$545,781.00

---

Each bidder has agreed to allow the City sixty-four (64) days from the date bids are opened to accept or reject their bid proposal. Purchasing requests that you complete the following sections and return this bid evaluation to the Purchasing Division at the latest by Monday, November 27, 2023 5:00 P.M.

The Budget Allocation for this expenditure is \$385,000.00. The contract price is 0.10% below the Budget Allocation. If the overage is greater than 10% or only one bid was received, give explanation:

N/A

**BACKGROUND OF PROJECT** (To be completed by Evaluating Department/Division. Explain need for project/equipment):

Variable Frequency Drives (VFD's) are used at the Fresno-Clovis Regional Wastewater Reclamation Facility (RWRF) to power the raw sewage pump motors and vary the speed to accommodate the varying wastewater flows into the RWRF. The current 700 Series VFD's were retrofitted to an 18-pulse style in 2013 and were initially reliable but over the last 5 years, they have been experiencing VFD output section failures at the rate of two per year. It costs approximately \$47,500.00 every time a section is sent out for repair. In addition, support for the 700 Series VFD's is scheduled to end in 2025. The new style VFD is a 6-pulse technology with low harmonic output that should prove to be much more robust, reliable, and will be supported for years to come.

**EVALUATION OF BID**  
**PROPOSALS**

FOR: PRODUCT PURCHASE CONTRACT FOR REPLACEMENT OF VARIABLE  
FREQUENCY DRIVE (VFD)

Bid File No. 12400495  
Bid Opening: 11/07/2023

---

**DEPARTMENT CONCLUSIONS AND RECOMMENDATION:**

Award a contract in the amount of \$384,642.50 to Allied Electric as the lowest responsive and responsible bidder.

Remarks:

Reject all bids. Reason:

Department Head Approval



\_\_\_\_\_  
Brock D. Buche, PE, PLS  
Title Director of Public Utilities

Date 11-29-23

---

Approve Dept. Recommendation

Approve GSD/Purchasing Recommendation

Disapprove

Disapprove

See Attachment

GENERAL SERVICES DEPARTMENT

CITY MANAGER

  
\_\_\_\_\_  
Purchasing Manager

12/04/2023  
Date

  
\_\_\_\_\_  
City Manager or Designee

12/4/23  
Date

  
\_\_\_\_\_  
Brian Barr (Dec 4, 2023 09:43 PST)  
General Services Director

Dec 4, 2023  
Date

**FISCAL IMPACT STATEMENT**

PROGRAM: REPLACEMENT OF VARIABLE FREQUENCY DRIVE  
TC00185 BF No. 12400495

<u>RECOMMENDATION</u>	<u>TOTAL OR CURRENT</u>	<u>ANNUALIZED COST</u>
Direct Cost	<u>\$384,642.50</u>	_____
Indirect Cost	<u>\$40,000.00</u>	_____
TOTAL COST	<u>\$424,642.50</u>	_____
Additional Revenue or Savings Generated	<u>\$0.00</u>	_____
Net City Cost	<u>\$424,642.50</u>	_____
Amount Budgeted (If none budgeted, identify source)	<u>\$433,000.00</u>	_____

**\*Indirect Costs**

---

Project Management and Internal City Installation	\$ <u>40,000.00</u>
<b>Total Indirect Costs</b>	<b>\$ 40,000.00</b>