

**CITY OF CAPE CORAL
REQUEST FOR SOLE SOURCE/SINGLE SOURCE PURCHASE**

Requesting Department: Utilities / Water Reclamation 02/23/2024

Vendor Name: FJ Nugent & Associates, Inc (Marcus Papp)

Address: 269 Hunt Park Cove Longwood, FL 32750

Phone: (407) 936-1139 E-Mail: fred@nugentco.com

Price: \$142,195.00

Description of item to be procured:

Three (3) Vaughan Turbo S direct drive propeller pumps with 15 HP motor for mixed liquor return and one (1) spare parts set at the Southwest Water Reclamation Facility.

1.) Uniqueness of vendor's item/service: How is this vendor uniquely qualified to provide the product/service:

FJ Nugent & Associates, Inc. is the exclusive, sole source for the state of Florida including sales, service and parts as appointed by Vaughn Company Inc. (manufacturer of the Vaughn Turbo S pump)

2. Market Research: Describe other, similar sources or products available in the market, if any, and why they are not acceptable:

The Water Reclamation Division utilizes Vaughan Turbo S direct drive propeller pumps at the Southwest Water Reclamation Facility to return a portion of mixed liquor suspended solids to the beginning of the aeration basin. Other products are available on the market that would work in place of the Vaughan Turbo S direct drive propeller pumps and will be considered prior to rehab or to improve the mixed liquor return system at our facility. Meanwhile due to current design, dimensions, and layout, it is more cost effective to continue to utilize the current Vaughn Company Inc. line of products to meet our mixed liquor return needs.

3. Proposed Actions: Describe the actions the department will take to overcome the present barriers to competition for any future acquisition of this product or service:

We will continue to stay informed of advancements in emerging and available components, processes, and equipment capable of meeting the needs of Utilities and the community and include evaluations of different manufacturer's products as appropriate for future projects.

Department Director's Signature:  Date: 2/20/24

Approval: Procurement Manager:  (not to exceed \$50,000) Date: 4/3/24

Approval: City Manager:  (not to exceed \$100,000.00) Date: 4/8/2024

Council authorization required if exceeding \$100,000.00 10/4/2023 Resolution 266-23 line item #81
Wkoop 4/3/24



January 11, 2024

City of Cape Coral Utilities
1740 Everest Parkway
Cape Coral, FL 33904

Dear Mr. Walter:

The appointed Vaughan Company Inc. Representative and sole source for the State of Florida including sales, service and parts is FJ Nugent & Associates, Inc. Please contact them for pricing, information or any other assistance you require.

FJ Nugent & Associates, Inc.

269 Hunt Park Cove
Longwood, FL 32750
Phone: 407-936-1139
Fax: 407-936-1640
E-Mail: fred@nugentco.com

Sincerely,

Stefanie Vaughan
Vaughan Company, Inc.
Phone: 360.249.4042 ext. 227
E-Mail: stefanie@chopperpumps.com



PROPOSAL

Date: 1-12-24

To: Cape Coral SW Water Reclamation Facility Office 239-574-0869
Marcus Papp mpapp@capecoral.gov 239-848-6927
Matt Astorino mastorin@capecoral.net 239-677-0042
2090 SW 32nd St, Cape Coral, FL 33914

Project: Vaughan TurboS direct drive propeller pump for MLR ver 2 with 15 Hp motor

We are pleased to offer the following equipment for the above referenced project:

(1) VAUGHAN MODEL Turbo-S x-19 15 Hp direct drive Axial Flow Propeller pump rated at 6,500 GPM @ 4' TDH (7,000 at 3') 21'- 4 11/16" L with larger adapter flange

- **Propeller** – 17" diameter, Heat Treated to min RC 60, fabricated with cold forged blades to helical design with large radius tips along leading edges
- **Elbow** – 18" diameter forged steel
- **BEARINGS**, ball type oil bath lubricated, except top bearings are grease packed.
- **MECHANICAL SEAL**, cartridge type with SC faces, as manufactured by Vaughan.
- **ELASTOMERS**, BUNA N
- **AUTOMATIC OIL LEVEL MONITOR**, 316 Stainless steel reservoir with 110-volt switch and relay.
- **CUSTOM MOUNTING BASE**, 1018 steel 215 3/8" (3" off wall)
- **GEAR DRIVE**, WEG Gear drive for 537 Turbo RPM.
- **DRIVE** – 15 Hp, 1750 RPM, 230/460/3/60 1.0 svc factor with inverter (1.15 if across the line starter / sine wave), TEFC, premium efficiency, Explosion proof (Class I, Div II) Inverter Duty Electric Motor.
- **FINISH**: degreased and primer coated fabricated parts (Epoxy coated Motor) Sandblasted and a single coat of Tnemec Perma-Shield PL Series 431 Epoxy (Minimum 5 MDFT). Includes Zinc anode for cathodic protection.
- **GUIDE BRACKET** custom per Vaughan Engineering (see drawing, below)
- **CUSTOM WALL SUPPORT BRACKET** engineered by Vaughan Company to support mounting base
- **SHOP DRAWINGS** (as built) included for approval, prior to release to production
- **O&M MANUALS** provided with order



Chopper Vaughan *Unmatched Reliability*

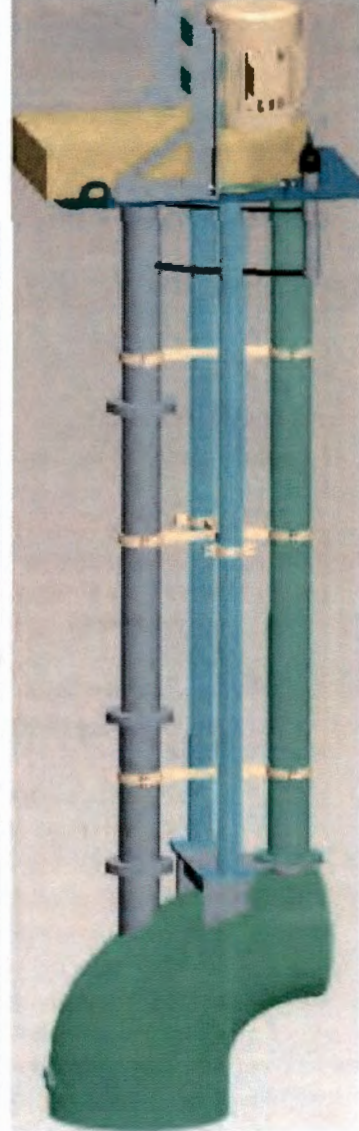
Offices located throughout Florida

FJ NUGENT

& ASSOCIATES, INC.

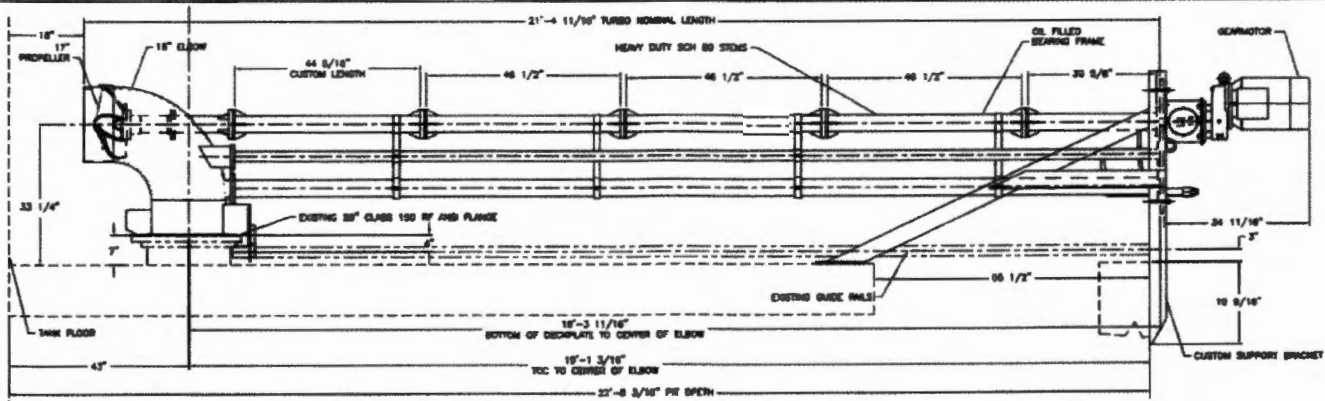


F. J. Nugent & Associates Inc
269 Hunt Park Cove
Longwood, FL 32750
Phone: 407-936-1139



Chopper Vaughan *Unmatched 'Reliability'*

Offices located throughout Florida



Please refer to Vaughan drawing 152742 for further details and dimensions.

Pricing:	Vaughan TurboS X-19/478 15 Hp unit complete Qty 1 unit	\$ 49,814 / ea
Qty 2	Vaughan TurboS X-19/478 15 Hp unit complete	\$ 48,318 / ea
	Total for 2 delivered together	\$ 96,636
Qty 3	Vaughan TurboS X-19/478 15 Hp unit complete	\$ 46,251 / ea
	Total for 3 delivered together	\$ 138,753

Optional SPARE PARTS CONSISTING OF:

ONE SET TOTAL OF THE FOLLOWING: one mechanical seal, one set of bearings for the Turbo-S, and one set of o-rings for the Turbo-S. **\$ 3,442 / set**

Note: This is the price if ordered with the new units

- Note:** Price does not include installation, taxes, inverter, field painting, gauges, gauge cocks, valves, lubricants nor any item not specifically listed in this proposal.
- Terms:** Net 30 days, Proposal is valid for 60 days
- Freight:** Freight allowed to jobsite (freight included)
- Delivery:** Approximately 16 to 18 weeks after receipt of purchase order

Thank you for the opportunity to quote on this project.
 Please contact us with any questions.

Sincerely,

Accepted by: _____

Tom Meyers
 SWFI Sales Engineer
 (239) 224-8422 tmeyers@nugentco.com

Date: _____

new email: tom@nugentco.com



Chopper Vaughan *Unmatched Reliability*

Offices located throughout Florida

COUNCIL APPROVED: 10/4/23

RESOLUTION 266 - 23

A RESOLUTION OF THE CITY OF CAPE CORAL, FLORIDA, APPROVING THE PURCHASE BY THE CITY MANAGER OF BUDGETED FY 2024 CAPITAL EQUIPMENT, FLEET AND CORRESPONDING PERIPHERAL EQUIPMENT AND HARDWARE AND SOFTWARE, FUNDED BY THE GENERAL FUND, SPECIAL REVENUE FUND, ENTERPRISE FUNDS, AND INTERNAL SERVICES FUNDS, AS SET FORTH IN EXHIBIT A; APPROVING THE DISPOSAL OF ANY CITY-OWNED SURPLUS TANGIBLE PERSONAL PROPERTY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the FY 2024 budget for the City of Cape Coral, as approved by Council on September 21, 2023, provides amounts budgeted for each fund for identified purchases set forth in Exhibit A; and

WHEREAS, pursuant to City Code of Ordinances Chapter 2, Article VII, Division 1, Section 2-142(e), the City Manager has the authority to execute all procurement-related purchase orders, contracts, contract amendments and contract renewals in excess of \$100,000 after City Council approval and in accordance with all applicable requirements of Article VII, Division 1, including but not limited to all applicable procurement procedures identified in Section 2-144 of the City Code of Ordinances; and

WHEREAS, pursuant to the Code of Ordinances, Section 2-141(c), the City Council may authorize the waiver of procurement procedures upon the recommendation of the City Manager that it is in the City's best interest to do so to obtain goods and services which cannot be acquired through the normal purchasing process due to insufficient time, the nature of the goods or services, or other factors. Purchases authorized by the waiver process shall be acquired with such competition as is practicable under the circumstance and only after a good faith review of all available sources and negotiation as to price, delivery and terms; and

WHEREAS, because the equipment, fleet, hardware, and software identified for procurement cover a wide range of assets, equivalents are used where applicable, and the purchases may be reviewed and re-prioritized based on use and resource needs; and

WHEREAS, the City Code of Ordinances Chapter 2, Article VII, Division 3, Section 2-154 identifies the procedures and requirements for the proper disposition of surplus City-owned tangible personal property; and

WHEREAS, the City Manager requests Council approval to purchase the Equipment, Fleet, Hardware, and Software items identified in Exhibit A as adopted in the FY2024 budget in which the General Fund, Special Revenue Fund, Enterprise Funds, and Internal Services Funds, provide funding; and

WHEREAS, the City Manager requests City Council to authorize the waiver of procurement procedures for the purchase of the items identified in Exhibit A if the City Manager finds that it is in the City's best interest to do so to obtain goods and services which cannot be acquired through the normal purchasing process due to insufficient time, the nature of the goods or services, or other factors; and

WHEREAS, the City Council finds that, in order to avoid unnecessary delays due to vehicle and equipment failures and to eliminate redundancy in the administrative process, it is in the best interest of the City to approve at this time the execution by the City Manager or his designee of all procurement-related purchase orders, contracts, contract amendments and contract renewals in excess of \$100,000 for the purchase of any and all of the new and replacement equipment, fleet, hardware, and software identified in Exhibit A that have not yet been purchased.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF CAPE CORAL, FLORIDA, AS FOLLOWS:

Section 1. The City Council hereby approves the execution by the City Manager or his designee of all procurement related purchase orders, contracts, contract amendments and contract renewals in excess of \$100,000 pursuant to City Code of Ordinances Chapter 2, Article VII, Division 1, Section 2-142(e) for purchases of new and replacement equipment, fleet, hardware, and software, identified in Exhibit A as adopted in the FY2024 budget in which the General Fund, Special Revenue Fund, Enterprise Funds, Internal Services Funds provide funding. The

City Manager and his staff shall, at all times, comply with all applicable procurement procedures identified in Section 2-144 of the City Code of Ordinances.

Section 2. The City Council hereby approves the waiver of procurement procedures in the event the City Manager believes that it would be in the City's best interest to obtain any equipment, fleet, hardware, or software identified in the attached Exhibit A outside of the normal procurement procedures identified in Section 2-144 of the City Code, pursuant to Section 2-141(c).

Section 3. The City Council hereby approves the reprioritization of equipment, vehicles and corresponding peripheral equipment, hardware, and software identified in Exhibit A based upon review of current needs.

Section 4. If, as the result of a purchase of a replacement capital asset identified in Exhibit A, the City Manager determines that any City-owned tangible personal property is surplus, the City Manager is hereby authorized to dispose of the surplus property as provided in Section 2-154(c) of the City Code of Ordinances. Pursuant to Section 2-154(c)(6), a periodic report shall be submitted for any items sold at auction.

Section 5. This Resolution shall take effect immediately upon its adoption.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF CAPE CORAL AT ITS REGULAR SESSION THIS 4th DAY OF October, 2023.


JOHN GUNTER, MAYOR



VOTE OF MAYOR AND COUNCILMEMBERS:

GUNTER	<u>aye</u>	CUMMINGS	<u>aye</u>
STEINKE	<u>aye</u>	WELSH	<u>aye</u>
SHEPPARD	<u>aye</u>	LONG	<u>aye</u>
HAYDEN	<u>aye</u>	COSDEN	<u>aye</u>

ATTESTED TO AND FILED IN MY OFFICE THIS 12th DAY OF October, 2023.


KIMBERLY BRUNS
CITY CLERK

APPROVED AS TO FORM:


ALEKSANDR BOKSNER
CITY ATTORNEY
res/Capital Purchases FY2024



City of Cape Coral
 Detail Breakdown - FY2024 Capital Equipment, Fleet, Hardware and Software
 Resolution 266-23

LINE	FY2024 BUDGET	DESCRIPTION	DEPARTMENT	ACCOUNT STRING	FUNDING SOURCE	CATEGORY
48	\$ 40,000	A/C Units Rpl-Lift Stations	Utilities	400-36014-564101-36-70-535060-000-000-	Water & Sewer	Equipment
49	\$ 20,000	A/C Units Rpl-Southwest WRF	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
50	\$ 200,000	Backup generator/bypass pump	Utilities	400-36014-564101-36-70-535060-000-000-	Water & Sewer	Equipment
51	\$ 10,955	Replace 6" Ball Valve (1/yr)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
52	\$ 46,000	A/C Units Rpl-SO RO	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
53	\$ 7,000	A/C Units Rpl-SO RO	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
54	\$ 35,000	Replace magnetic Flowmeters (multiple sizes)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
55	\$ 45,000	Replace Ultrasonic Flowmeters (multiple sizes)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
56	\$ 33,460	Replace VFD's Plant 1 & 2 Prod. Train (2/yr)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
57	\$ 57,130	Replace Well Motors 50 HP w/motor leads (approx 5/yr)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
58	\$ 35,230	Replace Well Pumps and Accessories(2/yr)	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
59	\$ 32,655	Wellfield VFD's 50 HP	Utilities	400-36011-564101-36-70-533060-000-000-	Water & Sewer	Equipment
60	\$ 11,693	Flow Meters for Chemical System	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
61	\$ 20,710	Replace Ball Valves	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
62	\$ 46,028	Replace Chemical Pumps 3/yr	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
63	\$ 130,000	Replace High Service Pump	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
64	\$ 57,130	Replace Well Motors 50 HP w/motor leads (approx 5/yr)	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
65	\$ 35,396	Replace Well Pumps and Accessories (3/yr)	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
66	\$ 33,458	Replacement Components for Multiple VFD's	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
67	\$ 80,000	Vertical Sump Pump	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
68	\$ 32,653	Wellfield VFD's 50 HP	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment
69	\$ 475,000	Replacement LIFT STATIONS Pumps	Utilities	400-36014-564101-36-70-535060-000-000-	Water & Sewer	Equipment
70	\$ 55,000	Replace Aeration Blower / Motor	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
71	\$ 22,000	Replace Chemical Feed Equipment	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
72	\$ 11,000	Replace Composite Sampler	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
73	\$ 16,500	Replace Odor Control Equipment	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
74	\$ 44,000	Replace Reuse Pump / Motor	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
75	\$ 33,000	Replace Service Water Motor /Pump	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
76	\$ 40,000	Replace Valves/ Actuator Motor COMBINE LINE	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
77	\$ 55,000	Replace VFD	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
78	\$ 55,000	Scada Server/ Plc Hardware Components	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
79	\$ 30,000	Spare/Replacement Electrical Circuit Breakers	Utilities	400-36015-564101-36-70-535060-000-000-	Water & Sewer	Equipment
80	\$ 30,750	Replace Bar Screen Equipment	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
81	\$ 333,250	Replace Pumps/Motors	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
82	\$ 51,250	Replace Valve /Actuator Motor & Controller	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
83	\$ 35,000	Replace VFD's	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
84	\$ 51,250	Replacement Air Compressor & Drier	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
85	\$ 51,250	Replacement R.A.S. Pumps Equipment	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
86	\$ 25,625	Scada Replacement Parts	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
87	\$ 25,625	Spare/Replacement Electrical Circuit Breakers	Utilities	400-36016-564101-36-70-535060-000-000-	Water & Sewer	Equipment
88	\$ 25,000	Replace Conveyor Belt Equipment	Utilities	400-36017-564101-36-70-535060-000-000-	Water & Sewer	Equipment
89	\$ 30,000	Sludge Grinder Pumps	Utilities	400-36017-564101-36-70-535060-000-000-	Water & Sewer	Equipment
90	\$ 20,000	New Water Quality Instrumentation	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
91	\$ 45,000	REHAB Adams Strainers all CPS	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
92	\$ 15,000	Replace Grinder Pumps	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
93	\$ 25,000	Replace VFD's (CPS)	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
94	\$ 70,000	Replacement Pump/Motor-COMBINE LINES	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
95	\$ 15,000	SCADA Equipment	Utilities	400-36018-564101-36-70-535060-000-000-	Water & Sewer	Equipment
96	\$ 2,500,000	NRO-14 VFD Replacement	Utilities	400-36012-564101-36-70-533060-000-000-	Water & Sewer	Equipment

MEMORANDUM

**CITY OF CAPE CORAL
UTILITIES DEPARTMENT**

TO: Michael Ilczyszyn, City Manager
Mark Mason, Financial Services Director
Wanda Roop, Procurement Manager

FROM: Jeff Pearson, Utilities Director 

DATE: February 23, 2024

SUBJECT: Sole Source Request to FJ Nugent & Associates, Inc.

The Water Reclamation Division is requesting approval for a sole source purchase order in the amount of \$142,195.00 for FJ Nugent, including shipping to purchase three (3) Vaughan Model Turbo-S x-19 15 HP Axial Flow Propeller pumps and one (1) spare parts set. FJ Nugent & Associates, Inc. is the exclusive, sole-source State of Florida representative for sales, service, and parts for Vaughan Company Inc.

The Southwest Water Reclamation Facility (WRF) utilizes these pumps to return mixed liquor suspended solids to the beginning of the aeration basin. This process of returning a measured volume of flow aids in the removal of nutrients from the waste stream, specifically phosphorous and nitrogen. Vaughan's axial flow pumps have proven resilient against inorganics that pass by screening equipment and can cause damage to other brands and types of pumps used in the past. FJ Nugent & Associates Inc. is the exclusive, sole-source state of Florida representative for sales, service, and parts for Vaughn Company Inc.

Funds have been budgeted in fiscal year 2024 and are available under Resolution 266-33, Tyler Capital Equipment Account #400-36016-564101, line #81 "Replace Pumps/Motors" \$138,753.00, and Tyler Operating Account #400-36016-546102 \$3,442.00 (Equipment Repair & Maintenance) for the spare parts set.

JP/ap (Sole Source Request to FJ Nugent & Associates, Inc.)
C: Jeff Walter, Water Reclamation Manager
Marcus Papp, Utilities Maintenance Supervisor