

RESOLUTION 25-229

A RESOLUTION TO AUTHORIZE THE PURCHASE OF (VFD) VARIABLE FREQUENCY DRIVES FOR THE CARROUSEL SYSTEM AT THE WATER RECLAMATION FACILITY

WHEREAS, Spring Hill Water Reclamation Facility utilizes a carousel system with mechanical aerators operated by (VFD) variable frequency drives to control the speed of the mechanical mixers; and

WHEREAS, the existing drives are near the end of service life and parts, components and support for repairs have become obsolete; and

WHEREAS, the (VFD) variable frequency drives are critical to the operation of the biological process; and

WHEREAS, the Water Reclamation division has budgeted funds FY 25/26 for the purchase of (4) new drives and (1) spare for redundancy from account 410-52210-52621 at a total cost of \$90,263.25; and

WHEREAS, City staff recommends authorization for the purchase of (5) new drives for the carousel system at the Water Reclamation Facility; and

NOW, THEREFORE BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Alderman authorizes the purchase of (VFD) variable frequency drives from Crawford Electric.

Passed and Adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 6th day of October 2025.



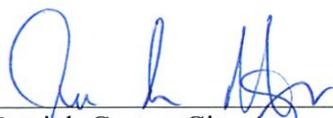
Matt Fitterer, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



REQUEST: *Approval of Resolution 25-229*

SUBMITTED BY: Ryan LaMunyon, AGM-Reclamation

DATE: October 06, 2025

RE: To authorize the purchase of replacement (VFD) variable frequency drives for the Carrousel System at the Water Reclamation Facility.

ATTACHMENTS: Crawford Electric Quote; Sole Source Letter

PURPOSE:

To authorize the purchase of replacement (VFD) Variable Frequency Drives from Crawford Electric Supply for the Carrousel System at the Water Reclamation Facility.

BACKGROUND:

Spring Hill Water Reclamation Facility utilizes a 5 stage Bardepho System for the Biological Treatment process. The third stage is the carrousel system which utilizes mechanical aeration operated by (VFD) variable frequency drives to control the speed of the mechanical mixers.

The (4) existing drives are near the end of service life and parts, components and support for repairs have become obsolete. The (4) drives will need to be replaced with new (VFD) variable frequency drives and a spare purchased for redundancy.

FINANCIAL IMPACT:

This will be funded from Water Reclamation budgeted funds from account 410-52210-52621 at a total cost of \$90,263.25

STAFF RECOMMENDATION:

City staff recommends approval of Resolution 25-229 to authorize the purchase of (5) replacement (VFD) variable frequency drives from Crawford Electric.



CRAWFORD ELECTRIC SUPPLY RLVG
 1284 HEIL QUAKER BOULEVARD
 LA VERGNE, TN 37086-3515
 615-280-3300 Fax 615-287-9424

Quotation

QUOTE DATE	QUOTE NUMBER
09/10/25	S014423569
PAGE NO.	
1 of 2	

Zachary.White@crawfordelectricsupply.com

QUOTE TO:
 CITY OF SPRING HILL
 P.O. BOX 789
 SPRING HILL, TN 37174
 931-486-2252

SHIP TO:
 CITY OF SPRING HILL
 199 TOWN CENTER PKWY
 SPRING HILL, TN 37174-2460
 931-486-2252

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	JOB NAME	QUOTED TO		
286633			GREG		
SALESPERSON		SHIP VIA	FREIGHT ALLOWED	EXPIRATION DATE	
ZACHARY WHITE		LAVERGNE 3	No	11:59pm CT 10/10/25	
ORDER QTY	UPC	DESCRIPTION	UNIT PRICE	U	EXT PRICE
1ea	88950855471	AB 20F1AND186JNONNNNN PowerFlex Air Cooled 753 AC Drive ***FACTORY STOCK 7-10 DAYS***	16921.730	e	16921.73
1ea	88495119477	AB SK-R9-FAN11-F6 Fan Kit Heat Sink NEMA 1 Size 6 Frame ***CRAWFORD STOCK***	253.840	e	253.84
1ea	88495109561	AB SK-R9-FAN2-F6 Fan Kit Internal Size 6 Frame ***CRAWFORD STOCK***	109.450	e	109.45
1ea	88495109571	AB SK-R9-PINT1-DF6C PowerFlex 750 150 HP Power Intrfce Board ***FACTORY BACKORDER 3-4 WEEKS***	767.630	e	767.63

TERMS & CONDITIONS

All transactions are subject to and exclusively governed by our Terms and Conditions of Sale, which are incorporated herein and available at:
<https://www.crawfordelectricsupply.com/terms#sale>. Additional or conflicting terms are rejected, void, and of no force or effect.

Subtotal	18052.65
S&H CHGS	0.00
Sales Tax	0.00
Amount Due	18052.65



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Terms and Conditions of Sale for Quotes

- A. Seller assumes no responsibility whatsoever for any interpretation of bid documents, plans, or specifications provided to Seller (i.e., customer shall be solely responsible for ensuring interpretation of such documents, plans and/or specifications and for conformity and appropriateness of all goods and services ordered in comparison to same).
- B. Prices are subject to change at any time prior to shipment unless otherwise agreed in writing signed by an authorized Seller representative.
- C. Pricing and estimated delivery dates are based solely on the quantities and specific products and/or scope of services identified in this quote. Seller may refuse, terminate, or change pricing, estimated dates, and other terms of its offer if customer requests changes or deviations from the original quote. Unless an authorized Seller representative accepts customer's proposed deviations in an explicit signed agreement modifying this quotation, any such proposed deviations are automatically rejected, void, and of no force or effect.
- D. Quotation does not include special mounting or installation hardware, equipment options, accessories, samples, spares, or mock-up equipment unless otherwise noted.
- E. Seller is not responsible for the design of the project or any goods supplied.
- F. Seller reserves the right to increase the pricing quoted herein to account for force majeure events, the imposition of new or increased tariffs, shipping costs, import/export fees, duties, customs, or taxes, currency fluctuations, or increases in commodity or market pricing.
- G. Pre-shipment of anchor bolts is plus freight.
- H. Where applicable, fabrication and shipment of goods can only be made after Seller receives the following: (i) purchase order conforming to this Quotation, (ii) customer's verification and approval of technical information, (iii) approved Submittal Drawings, and (iv) credit approval.
- I. Lead times are strictly estimates. Seller is not responsible for ship dates beyond estimated dates unless Seller's President or VP Finance otherwise explicitly agrees in a signed writing as part of this Quotation and then only to the extent so agreed.
- J. All orders are FCA Shipping Point, prepaid and billed, unless otherwise noted in quote.
- K. Logistic solutions, storage, handling, kitting, expedited or special delivery, testing, including, but not limited to, infrared scanning and NETA testing, spares, start-up, installation, commissioning, arc flash studies, and other services are excluded unless otherwise specified in this quote. Please contact your Seller representative for additional information on any such services if desired.
- L. This quotation and all related transactions are also subject to the applicable manufacturer's published warranties, including all applicable disclaimers, exclusions, and limitations.
- M. This quotation constitutes Seller's confidential information, and customer shall not share or distribute this quotation to third parties other than to the extent reasonably necessary to process the transactions contemplated herein with Seller.
- N. Unless otherwise expressly agreed in a separate writing signed by Seller's President or VP Finance, Seller does not agree and is not subject to any contractual flow-down or pass-through terms from customer, including, but not limited to, DFARs, FARs, Prime Contracts, Minority Business requirements, Buy America Act, etc.

Ryan Guild
Partner Manager, Distributor
NAS Sales Office
(615) 503-2340
rmguild@ra.rockwell.com

Rockwell
Automation

September 19, 2025

ATTN: Greg Shouse
Water Department Supervisor

City of Spring Hill
199 Town Center Parkway
Spring Hill, TN 37174-2460

Re: Crawford Electric Supply
1284 Heil Quaker Boulevard
La Vergne, TN 37086

This letter is to confirm that Crawford Electric Supply currently is the only distributor appointed and authorized to sell Allen-Bradley Standard Controls, Drives, PLC/MMI, Rockwell Software products and all LifecycleIQ Services offerings in the geographic area that City of Spring Hill Water in Spring Hill, TN is located.

As a matter of company policy, full factory product and sales support is made available only to the local authorized distributor, Crawford Electric Supply, and it is Rockwell Automation's practice and policy to always promote and recommend the use of that authorized distributor to customers in that geographic area.

Rockwell Automation discourages the use of other non-authorized sources, including distributors who may hold an Allen-Bradley appointment in another locale.

Should you have any questions regarding the above, please do not hesitate to contact either Crawford Electric Supply (615) 280-3300 or our local Rockwell Automation sales office at (615) 503-2340.

Respectfully,

Ryan Guild

Ryan Guild
rmguild@ra.rockwell.com
(615) 310-8477
Rockwell Automation
Partner Manager, Channel

CC: Anthony Graham, Crawford Electric Supply, Area Manager
Zachary White, Crawford Electric Supply, Account Manager
Stephen Smith, Rockwell Automation, Territory Sales Manager

LISTEN.
THINK.
SOLVE.