

RESOLUTION 24-141

A RESOLUTION TO AUTHORIZE EMERGENCY PURCHASE RAIN GAUGES AND FLOW MONITORING OF WASTEWATER

WHEREAS, the wastewater treatment facility has significant increased flows during rain events; and

WHEREAS, the monitoring of wastewater levels and rain fall within the city are a critical component to the City of Spring Hill staff effectively diagnosing deficiencies within the sewer collections system and wastewater treatment plant; and

WHEREAS, the purchasing manual of the City of Spring Hill allows for emergency purchases under section "X."; and

WHEREAS, the City Staff met all requirements and utilized the provision in the City's Purchasing Manual to proceed with emergency purchases for the following amounts to be added to the Wastewater Collections FY 2024 budget through a budget amendment utilizing fund balance.

Rain Gauges strategically located throughout the collections system at a total cost of \$68,000.00

Four (4) ADS Triton Monitoring Flow Meters at a total cost of \$49,235.72
For a total cost of \$117,235.72

NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen authorize purchases of rain gauges at a total cost of \$68,000.00 and flow monitoring meters at a total cost of \$49,235.72

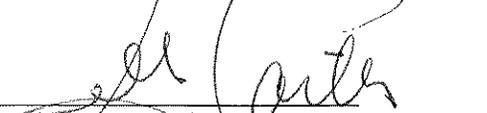
Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 17th day of June 2024.


Jim Haghman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney



230 GREAT CIRCLE ROAD, SUITE 234 NASHVILLE, TN 37228
PHONE 815-382-8389 WWW.PRIME-CONTROLS.COM

May 15, 2024

To: City of Springhill, TN
Attn: Eric Spears

Ref: Spring Hill
Rain Gauge Implementation
Prime Controls Quote No.: Springhill_TN_RG_051524_AJG

PRIME CONTROLS PROPOSAL

Prime Controls is pleased to offer this proposal for the procurement of 11 Rain Gauges and turn-key implementation of 11 Remote Site in the City of Spring Hill System. These Gauge will be mounted and wired to existing Control Panel/PLC and provide Read-Only Data on Rain Accumulation at the respective Remote Site. This Data will be visualized and trended on the Treatment Plant’s existing VTScada System.

A. CONTROL PANELS AND MAJOR PRODUCTS

Major products and control panels to be furnished by Prime Controls include the following:

ITEM	QTY	DESCRIPTION	REFERENCE
1.	11	Tipping Bucket Rain Gauges	1 Unit for each of the 11 Sites
2.	11	Mounting Brackets and Electrical Materials for 11 site implementations	Brackets to Mount Field Devices at each Site

B. SERVICES

Services to be provided by Prime Controls include the following major items:

ITEM	SERVICE
1.	Installation and integration of Rain Gauges at each of the 11 Remote Sites
2.	PLC Programming at 1 Remote Site to Integrate Read Only Rain Data
3.	VTScada Programming to Visualize Rain Accumulation at 11 Remote Sites
4.	Trending of Rain accumulation for each of the 11 Remote Sites
5.	Check-Out and Start-Up Services for 11 Remote Sites
6.	Standard 1 Year Manufacturer Material Only Warranty



C. PROPOSAL EXCLUSIONS

The following items are not included in our pricing and shall be the responsibility of others:

ITEM	EXCLUSION
1.	Red-Line and As-Built Panel Drawings
2.	Procurement of Field Control Panels and required processors and IO points required to collect Data from the Prime Controls Procured Rain Gauges
3.	VTScada and Reporting Licensing for the integration of the Rain Gauge Data
4.	Servers and Networking Material to Collect Data from Remote Sites
5.	Networking Modems/Radios/Antennas Required for Communications from Remote Sites Back to the Treatment Plant

D. PROPOSAL CLARIFICATIONS

ITEM	CLARIFICATION
1.	Pricing is for turn-key installation of 11 rain gauges. This rain gauge execution will be billed at a T&M Rate Basis. Pricing Provided is in a Not-To-Exceed Basis.
2.	Prime Controls is not responsible for integrity of any field devices or panel material that the new Rain Gauges will Integrate into. If any of the field signals or additional panel material are found to be malfunctioning, their repair/replacement will result in an additional charge
3.	Any requested field services or installation material is not included in this proposal. Inclusion of these services would result an additional charge at the provided rate
4.	Pricing does not include Sales Taxes or Bonding costs
5.	Pricing shall be valid for 90 days only from proposal date
6.	Pricing is valid for this offer only; for a single order for the Base Bid Amount (considering Contract Options and awarded Alternates, if any)
7.	Pricing is based on the assumption that, once Prime Controls receives an order or Notice to Proceed, the project will proceed without interruption. Should any interruptions occur due to Force Majeure, Prime Controls reserves the right to adjust pricing accordingly



E. NOT TO EXCEED PROPOSAL PRICING

BID ITEM	BASE BID	PRICING
1	Rain Gauge Work Described Above	\$67,909.00
TOTAL BASE BID AMOUNT		\$67,909.00

We appreciate this opportunity and look forward to being of service for this work.

Thank you again and please feel free to call if there are any questions.

Sincerely,

Prime Controls, LP

AJ Geunterman
Business Development Manager
(815)382-8389
a.geunterman@prime-controls.com

ADS ENVIRONMENTAL SERVICES®

340 The Bridge Street, Suite 204
 Huntsville, AL 35806
 256-430-3366
 www.adsenv.com

ADS Contact

Matthew Brown | Business Development Manager
 340 The Bridge Street, Suite 204 | Huntsville, AL 35806
 MBrown3@ldexcorp.com | 256.656.6385

City of Springhill, TN
 Attn: Ryan Lamunyon
 3893 Mahlon Moore Road
 Spring Hill, TN 37174

Quote Reference: SpringHill,EQP,TN24
 Date: 5.09.2024
 Terms: Net 30
 Delivery: 30 Days ARO
 Effective To: 07.09.2024

Description	Qty	Unit Price	Ext. Price
ADS Triton+ World Wide Modem Bundle • TRITON+ Flow Monitor (P/N 8000-FST-IM-4WW-VZW) • Antenna - (P/N 9000-0096) • Battery (P/N 8000-0043-02) • Mounting Hook (P/N 8000-0021) • Peak Combo Sensor (P/N 8K-CS4-05-35) • Shipping	4	\$10,775.93	\$43,103.72
New Monitor Wireless Telemetry and PRISM Webhosting (1 Yr.) Wireless Telemetry: Data Charges associated with cellular data transfer PRISM: Secure access to PRISM Website for data collection and Review	4 4	\$180.00 \$240.00	\$720.00 \$960.00
Existing Monitor Wireless Telemetry and PRISM Webhosting (1 Yr.) Wireless Telemetry: Data Charges associated with cellular data transfer PRISM: Secure access to PRISM Website for data collection and Review	6 6	\$180.00 \$240.00	\$1,080.00 \$1,440.00
Sensor Mounting Rings Stainless Steel Mounting Ring, 16.75-18.75" Stainless Steel Mounting Ring, 22.5-28.75"	2 2	\$462.00 \$504.00	\$924.00 \$1,008.00
Total:			\$49,235.72
Items may be taxable in accordance with local tax laws.			

NOTES:

- The above prices do not include any special, modified, or custom documentation or manuals that may be required. Standard ADS Environmental Services manuals, appropriate to the flow monitors delivered, are included with the equipment.
- Sale of the above equipment and software is subject to acceptance of ADS Environmental Services Equipment Sale Agreement. Activation of software requires users to execute ADS Environmental Services Software License Agreement.
- Acceptance of this proposal for the purchase of ADS Products constitutes you and/or your company's agreement to ADS' Standard Terms and Conditions of Sale found at <https://www.adsenv.com/ads-equipment-sales-terms-and-conditions/>. ADS' Terms and Conditions supersede any terms and conditions in any documentation submitted by you and/or your company as a buyer of ADS products.
- These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Client Name: <u>City of Spring Hill</u>	ADS LLC
Signature <u>[Signature]</u>	Signature
Printed Name/Title <u>Pamela S - Caske</u>	Printed Name/Title
Date <u>05-10-24</u>	Date

per NOV Emergency Purchase

Quote Ref: SpringHill,EQP,TN24



REQUEST: **Approval of Resolution 24-141**

SUBMITTED BY: **Jessica Weaver, Utility Director**

DATE: **June 17th ,2024**

RE: **To approve emergency purchase of rain gauges and flow monitoring equipment of wastewater**

ATTACHMENTS:

PURPOSE:

To approve Resolution 24-141 to approve emergency purchase of rain gauges and flow monitoring equipment of the wastewater.

BACKGROUND:

The City of Spring Hill wastewater treatment facility currently has a Notice of Violation for the total number of system bypasses. Currently, when the treatment facility experiences significant increased flows, the facilities filters are unable to accept the volume of excess material causing a bypass of the filters beyond the clarifiers. One of the main causes of this is rainfall and inflow and infiltration of rain into our sewer system. These rain gauges and flow monitoring equipment will allow staff to locate additional inflow and infiltration in the system and concentrate efforts of searching for the reasons our flows increase three-fold during these high flow events.

FINANCIAL IMPACT:

This will be funded from Inflow and Infiltration 410-52405-59125 through budget amendment # 3.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 24-141 to approve emergency purchase of rain gauges and flow monitoring equipment for wastewater.