



Mark Gordon
Senior Sales Engineer

Town of Chase City, VA
Mr. Dakota Jones
319 N. Main Street
Chase City, VA 23924

April 16, 2021

Reference: Phase III-Chase City Wastewater Treatment Plant Expansion and Collection System

Dear Dakota:

Dorsett Controls (DC) is pleased to provide a scope and cost proposal to design, build, and install additional SCADA controls and monitoring on the Town of Chase City's Wastewater Treatment Plant and Collection System. All efforts included in this scope of work will be added to Chase City's existing InfoScan platform.

The proposed approach at the WWTP is to add the plant's grit chamber, influent screen, and portable back-up pump's desired I/O to the Main Control RTU located in the control building. The Main Controls RTU has adequate I/O channels available to add the desired I/O. All wire, conduit, and field terminations associated with this process is to be installed by Chase City or others.

A dissolved oxygen sensor and PH sensor will be installed in the west basin, by others. These conductors will be connected to SCADA at the Blower Building RTU. Available channels on existing hardware exists enabling Dorsett to simply add these new conductors to the system without adding additional hardware. Dorsett Controls' scope includes two 4-20 mA isolators. All shielded wire, conduit, and field connections associated with these sensors is to be installed by others.

The sludge press building includes a J-Press (sludge press) unit that will be added to the existing system through hardwired connections. In addition to the sludge press unit, Chase City will be installing a flow meter on the sludge press that will also be picked up on SCADA. Currently, there is not an RTU in this portion of the plant and the current design includes adding a new 1 card RTU at this location. This RTU is designed to communicate with the Control Building RTU via a wireless bridge set.

Chase City's collection system consists of 4 pumping stations that deliver wastewater from commercial and residential areas to the treatment facility. The proposed approach is to build, test, and install cellular communicating RTUs at all 4 pumping stations. Dorsett's scope is to also include graphical displays, programming, database management, reporting agent, and historical data for these four sites.

The four wastewater pumping stations included in this scope are as follows: Thyndale PS, Oakwood PS, Butchers Creek PS, and Jonbil PS. A points list for each site has been generated by DC and approved by Chase City. Should the attached appendix A, the points list, be modified from its current form may induce a change in price.

The current hardware design is to include MS5 UNV one card panels at each remote site. The Butcher Creek PS RTU will be the only RTU installed inside a structure. The remaining 3 RTUs will be stainless steel and will be mounted in an outdoor environment. Dorsett Controls will build, test, and ship the SCADA control panels to the Town of Chase City. Town of Chase City's electrician will be responsible for mounting each RTU.

Each pumping station's RTU will be equipped with a 4G cellular modem. The cellular data plans for each of these cell modems will be added to the Town of Chase City's existing Verizon account. There are two options on the networking of the cellular communications network; public facing cellular network and a private cellular network. The difference in these two options is the private cellular private network will require an additional hardware component, an access point. This access point will be a 4G cellular modem that will route all traffic from the field modems before touching the server. Verizon typically requires a onetime private network setup fee (\$500); however, this fee may potentially be waived based on the Town's existing Verizon account.

Dorsett Controls' scope herein does not include electrical installation of the new SCADA RTUs. The Town of Chase City shall either use in-house personnel or contract with a qualified electrical contractor to complete the electrical installation. The electrical contractor's scope will include mounting all panels, run all new wire and conduit, discovery of existing wiring, terminate all conductors in the field, and introduce all conductors and 120-volt power to the new Dorsett Controls' panel. Dorsett Controls will produce as built drawings to assist the electrical contractor with these duties.

Dorsett Controls is to build, test, and supply all panels and ancillary equipment. InfoScan development programming, data base management, graphics, alarming, and conditioning is included in this proposal. Once all equipment is installed, Dorsett's staff will be on site to start up and check out the system.

The following equipment and services will be provided under the current scope:

Sludge Press Building RTU

- (1) MS5 UNV controller
- (1) MS5 UNV 1 card stainless steel control panel (24"x30"x8")
- (1) 4G cell modem, antennas, and cables
- (1) UPS, surge protection, power supply, and current switches
- (1) Panel thermostat and heater
- (1) 3D Graphics
- (1) Database management
- (1) Engineering, programming, and startup/checkout

Thyndale PS

- (1) MS5 UNV controller
- (1) MS5 UNV 1 card stainless steel control panel (24"x30"x8")
- (1) 4G cell modem, antennas, and cables
- (1) UPS, surge protection, power supply, and current switches
- (1) Panel thermostat and heater

- (1) 3D Graphics
- (1) Database management
- (1) Engineering, programming, and startup/checkout

Oakwood PS

- (1) MS5 UNV controller
- (1) MS5 UNV 1 card stainless steel control panel (24"x30"x8")
- (1) 4G cell modem, antennas, and cables
- (1) UPS, surge protection, power supply, and current switches
- (1) Panel thermostat and heater
- (1) 3D Graphics
- (1) Database management
- (1) Engineering, programming, and startup/checkout

Butchers Creek PS

- (1) MS5 UNV controller
- (1) MS5 UNV 1 card control panel (24"x30"x8")
- (1) 4G cell modem, antennas, and cables
- (1) UPS, surge protection, power supply, and current switches
- (1) 3D Graphics
- (1) Database management
- (1) Engineering, programming, and startup/checkout

Jonbil PS

- (1) MS5 UNV controller
- (1) MS5 UNV 1 card stainless steel control panel (24"x30"x8")
- (1) 4G cell modem, antennas, and cables
- (1) UPS, surge protection, power supply, and current switches
- (1) Panel thermostat and heater
- (1) 3D Graphics
- (1) Database management
- (1) Engineering, programming, and startup/checkout

In the event that the Town of Chase City chooses the cellular private network, Dorsett Controls will supply a 4G cellular modem, antennas, and cables for the access point which will be located at the server.

The proposed project delivery is relevant to the customers' needs and time frames. Dorsett can meet Chase City's needs depending on urgency. The following is a preliminary schedule that can be negotiated based your requirements:

- Within two weeks of the executed contract – Preconstruction meeting for coordination and design.
- Two weeks-System Design
- Eight to twelve weeks – Materials order and delivery

- One week – Installation
- One week – Commissioning and performance verification

Total Estimated Time: 90-120 Days

Cost Summary:

Total Price including the cellular private network access point: **\$60,350.00**

Total Price utilizing the public facing cellular network: **\$59,764.00**

Terms of Sale

Price Valid for 60 days from proposal date

Out of Scope Engineering Project Cost-All engineering services for this project will be exercised from the Yadkinville, NC office.

The customer is responsible for paying waiting time if Dorsett Controls personnel are prevented from working due to unavailability or lack of progress of other vendors.

In closing, Dorsett Controls looks forward to providing the Town of Chase City with a sustainable SCADA solution including excellent service. Once again thank you for your business and we look forward to working with town to ensure a long and mutually rewarding partnership.

This proposal and associated terms and conditions accepted by:

Charles Forbes

Signature

Charles Forbes

Name

Town Manager

Title

July 2, 2021

Date

Kindest Regards,

Mark Gordon
SCADA Sales and Design
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Cell: 540-494-0833
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Dorsett Controls STANDARD TERMS & CONDITIONS OF SALE - 8/12/2020

1. ACCEPTANCE - No proposal made by *Dorsett Technologies, Inc dba Dorsett Controls*. (hereinafter "DTI") shall be binding upon DTI until accepted and acknowledged by DTI, subject to these terms and conditions. Sales Representatives are not authorized to bind DTI. Orders are subject to acceptance within thirty days from the date of the proposal's issuance and the prices are subject to change without notice prior to acceptance by the Buyer. **No alteration, modification or change of such terms as may appear on the Buyer's purchase order or on the reverse side thereof shall be binding upon DTI unless expressly agreed by DTI in writing.** The prices stated herein may have been increased to the prevailing prices effective on the date of shipment unless prices are stated to be firm on the face of DTI's proposal. The conditions for firm pricing must have included a release for immediate production and shipment. Any delay in shipment caused by Buyer's actions will subject prices to increase to the prevailing prices during that period of delay. In no event will delays in shipment on firm price orders justify a decrease in prices accepted.

2. PERFORMANCE - DTI shall be obligated to furnish only the goods described in: DTI's published submittal data (if such data is issued in connection with the order), DTI's currently published price list, or website, as described in the attachments or on the reverse side hereof.

3. PRICES - Unless otherwise specified, **all prices are F.O.B. DTI's factory in NC**, and are subject to withdrawal or change without notice at anytime prior to DTI's receipt of a purchase order. After acknowledgment, prices are subject to the timely receipt of all required information from the Buyer, and the timely approval of submittal data and a notice to proceed (NTP). DTI's receipt and acceptance of NTP will not indicate or imply acceptance of the purchase order, without having formally acknowledged the purchase order. **The Buyer's agreement to these "Standard Terms & Conditions of Sale" will be evidenced by their instructions to ship the product or their submittal approval and/or NTP.**

4. TITLE TRANSFER and SHIPPING DAMAGE INSURANCE - Because DTI has no control over the acceptance of goods delivered damaged or the identification of and claim for any damage done during shipment, the risk of loss most appropriately belongs with the consignee. Therefore, the Buyer shall assume all risk of loss of goods in transit. DTI's liability as to delivery shall terminate upon delivery to the carrier at the shipping point, with the carrier acting as the Buyer's Agent.

5. PAYMENT - Standard payment terms for goods shipped hereunder will be "cash in advance of shipment." However, in most situations, open account credit terms of "Net cash 30 days" from invoice date will apply, pending credit approval, unless alternate terms appear on the face hereof or unless expressly agreed to in writing by DTI. A prompt-payment discount of 0.5%-10 days NET 30 may be available to pre-approved customers. When open account terms are approved and agreed, DTI reserves the right to add to any account outstanding for more than 60 days from date of invoice or more than 30 days past due, whichever occurs first, a finance charge of 2.5 % of the principal amount due at the end of each 30 day period thereafter. Accounts referred to an outside collection agency will be subject to an additional collection fee of 20% plus any additional direct costs of collection, related fees or charges. Otherwise, all collection costs, court costs and attorney's fees will be included in the total amount due.

6. FORCE MAJEURE - The duty to perform under any purchase order on the part of DTI and the price thereof is subject to the approval by DTI and is also contingent upon strikes, accidents, fires, the inability to procure materials from the usual sources of supply, the requirements of the United States Government; (through the use of priorities or preference or in any other manner), DTI diverts either the material or the finished product to the direct or indirect benefit of the Government or upon any like or unlike cause beyond the control of DTI. Upon disapproval by DTI or upon the occurrence of any such event as aforesaid mentioned DTI may delay performance or at its option, renegotiate prices, terms and/or conditions of sale with the Buyer. If DTI elects to renegotiate and if DTI and the Buyer are unable to agree on revised prices or terms, the order shall be canceled without any liability.

7. SHIPMENT DATES - Shipment dates proposed with the order acknowledgment are estimates only. No contract will be made to ship within a specified time unless specified in writing and signed by an officer of DTI.

8. SHIPPING TERMS - The costs for shipping are not included with the F.O.B. prices quoted or acknowledged for the products ordered. These costs will normally be **PREPAID & ADDED to the invoice** by DTI. The Buyer is solely responsible for payment of all shipping costs added to their invoice. Requests for alternate shipping methods or use of specific carriers may be considered, when requested and if appropriate. UPS Standard Delivery, FedEx Ground or the equivalent from another domestic package delivery service will be used, wherever possible. Should shipment size, weight, content or other limitations be exceeded, then domestic LTL common carrier transport will be used. The selection of the carrier or transportation service will be at the sole discretion of DTI.

9. TAXES - To the prices and terms stated herein, the Buyer must add any manufacturer's gross receipts, sales or use tax, or any other applicable tax, either Federal, State, or Local, payable on the transaction under any applicable statute. **DTI does not collect any applicable taxes.**

10. CHANGES - If, following acceptance of DTI's proposal by the Buyer, all or any portion of this order was changed by the Buyer without default on the part of DTI or without DTI's written consent, the Buyer shall be liable to DTI for all charges including, but not limited, to DTI's incurred costs and such profit as would have been realized by DTI from the transaction had the agreement not been changed or terms breached by the Buyer.

11. CANCELLATION - The buyer may not cancel all or any part of this order, except upon written consent of DTI and the payment of such cancellation or change order charges as may be determined by DTI.

12. RETURNS - Product may not be returned without explicit permission of DTI as evidenced by DTI's authorization in the issuance of an RMA number and shipping instructions to the Buyer. Authorized returns for credit will be subject to discounts and physical inspection when received. Unauthorized returns or returns with freight collect or charged to DTI without permission will be refused and returned to the Buyer, at the Buyer's expense. Customized products are non-cancellable and non-returnable.

13. AGREEMENT - This agreement shall be governed by the laws of the State of North Carolina (NC) and any action for breach hereof shall be maintained in the NC courts. DTI, at its option, may require that any action relating to the breach of this agreement be resolved by binding arbitration pursuant to the rules of the American Arbitration Association.

14. WAIVER & MODIFICATION - No waiver or modification of any of DTI's *Standard Terms and Conditions* shall be effective unless such waiver or modification is in writing and signed by an authorized representative at the office of DTI in Yadkinville, North Carolina.

15. STANDARD LIMITED WARRANTY - DTI warrants all its products covered by the order are free from defects in material and workmanship for a period of thirteen (13) months from the date of shipment. DTI may from time-to-time offer specific further warranty protection on an optional extra cost basis or as a condition of contract. Any further warranty must be in writing and signed by an officer of DTI. DTI's obligations and liabilities under these warranties are limited to the bench-repair or supply of replacement materials for any DTI products or parts of products not conforming to this warranty. Warranty coverage applies only to those products which have been returned to DTI freight prepaid; provided that notice has been given promptly for any claim of defect or nonconformity, and that DTI is given a reasonable opportunity to inspect same. Failure to give reasonable notice shall result in all equipment to be deemed, in all respects, in accordance with the sale contract. No liability whatever shall attach to DTI until invoices for said products have been satisfied in full and then Buyer's total claim shall be limited to the purchase price of the equipment determined to be defective. No claims shall be allowed for the cost of any unauthorized labor expended for the removal and/or reinstallation of such equipment. "Replacement" as used herein does not include the cost of materials or labor to remove, reinstall or reconstruct any other equipment or system within or to which the product covered by the order may be attached or installed.

The warranty and liability set forth herein are IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, whether in contract or in negligence, express or implied, in law or in fact, and specifically excludes without limitation, implied warranties of marketability, merchantability and fitness for a particular purpose. **IN NO EVENT SHALL DTI BE LIABLE FOR ANY BACK-CHARGES, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**