



June 29, 2022

Mr. David Clark  
141 Pryor Street  
Atlanta, GA 30303

**RE : Atlanta Newnan Road Pump Station and Force Main – Firm Lump Sum 80% Design GMP Pricing**

Mr. Clark,

Please see the following breakdown for the Firm Lump Sum 80% Design GMP pricing for the Atlanta Newnan Road Pump Station and Force Main project.

FIRM LUMP SUM GMP - 80% DESIGN PRICING		
COST CODE	DESCRIPTION	80% DESIGN
15002	80% DESIGN TO 100%	\$ 135,000.00
15002	CONSTRUCTION ADMINISTRATION/INSPECTION	\$ 455,600.00
15002	CONSTRUCTION MATERIALS TESTING/SPECIAL INSPECTIONS	\$ 100,000.00
22000	SURVEYING & LAYOUT	\$ 60,000.00
24000	DEMOLITION	\$ 217,497.90
27000	DEWATERING	\$ 97,800.00
33000	STRUCTURAL CONCRETE	\$ 744,774.56
55000	MISCELLANEOUS METALS	\$ 87,376.45
71000	WATERPROOFING	\$ 200,000.00
79000	SEALANTS & CAULKING	\$ 15,000.00
99000	PAINTING & COATINGS	\$ 40,000.00
101400	SIGNAGE	\$ 25,000.00
260000	ELECTRICAL	\$ 2,768,156.00
311000	CLEARING & GRUBBING	\$ 100,000.00
312000	EARTHWORK	\$ 595,709.21
312500	EROSION CONTROL	\$ 401,219.84
314000	JACK & BORE	\$ 1,406,989.85
316000	SPECIAL FOUNDATIONS	\$ 25,000.00
321123	AGGREGATE COURSES	\$ 56,420.34
321216	ASPHALT PAVING	\$ 57,106.00
321217	PERMEABLE PAVERS	\$ 113,080.78
321313	FLATWORK	\$ 110,189.00
321613	CONCRETE CURB & GUTTER	\$ 5,000.00
321720	PAVEMENT MARKINGS	\$ 10,000.00
323100	FENCING & GATES	\$ 76,306.08
329000	LANDSCAPING & IRRIGATION	\$ 15,000.00
332000	YARD PIPING	\$ 3,318,885.46
334000	PRECAST UTILITIES	\$ 652,627.51
400000	PROCESS PIPE PURCHASE	\$ 3,470,242.12
400001	PROCESS PIPE INSTALL	\$ 58,444.78



400500	PROCESS PIPE SUPPORTS	\$ 136,080.58
404100	PROCESS PIPE HEAT TRACE & INSULATION	\$ 50,000.00
405000	PROCESS VALVES	\$ 492,560.69
407000	INSTRUMENTATION & CONTROLS	\$ 198,806.85
412200	CRANES & HOISTS	\$ 94,980.00
440000	PROCESS EQUIPMENT	\$ 1,329,232.01
	<b>COST OF WORK</b>	<b>\$ 17,720,086.01</b>
010000	GENERAL CONDITIONS & CONSTRUCTION EQUIPMENT	\$ 1,500,000.00
999000	INSURANCE (GL & BR)	\$ 106,677.91
999940	PERMITS	\$ -
999950	BOND	\$ 190,548.00
999995	PROJECT CONTINGENCY	\$ 224,174.36
999996	MATERIAL ESCALATION	\$ -
999998	CONSTRUCTION CONTINGENCY	\$ 448,348.72
999999	FEE	\$ 1,800,000.00
	<b>FIRM LUMP SUM TOTAL</b>	<b>\$ 21,989,835.00</b>

Thank you,  
Reeves Young, LLC

Greg VandenHeuvel  
Preconstruction

cc: Matt McCormack, Reeves Young  
Ty Kelley, Reeves Young  
Robby Land, Reeves Young  
Jim Teel, GMC  
Curtis Barber, GMC  
John Raiford, GMC  
Cherise Smith, Fulton County

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**PROJECT DESCRIPTION & EXECUTIVE SUMMARY:**

The project consists of the installation of the new Atlanta Newnan Road Pump Station, replacement and removal of the existing Little Bear Water Reclamation Facility with the new Little Bear Pump Station, modifications to the existing Ono Road Pump Station, installation of approximately 24,000 LF of 12" HDPE sanitary force main between the new Atlanta Newnan Road Pump Station and the new Little Bear Pump Station, and installation of approximately 21,000 LF of 18" HDPE sanitary force main between the new Little Bear Pump Station and the existing Ono Road Pump Station. The new construction and renovation lead to activities being completed at the following locations:

LOCATION	DESCRIPTION
ANRPS	ATLANTA NEWNAN ROAD PUMP STATION
LBPS	LITTLE BEAR PUMP STATION
ORPS	ONO ROAD PUMP STATION

A detailed breakdown of the Total Cost of Construction for the above areas in accordance with plans and specifications received to date, as well as anticipated costs for scopes that are not fully developed can be found in the detailed estimate to follow as well as the accompanying takeoff.

**The Firm Lump Sum 80% Design GMP is \$21,989,835.00.**

**ESTIMATED COST OF WORK:**

<b>FIRM LUMP SUM GMP - 80% DESIGN PRICING</b>		
<b>COST CODE</b>	<b>DESCRIPTION</b>	<b>80% DESIGN</b>
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999999	FEE	\$ 1,800,000.00
	<b>FIRM LUMP SUM TOTAL</b>	<b>\$ 21,989,835.00</b>

## QUALIFICATIONS AND EXCLUSIONS:

### General

#### Qualifications:

1. Unless otherwise noted herein, the scope of the work corresponding to this 80% Design GMP is consistent with the documents produced by Goodwyn Mills Cawood as per 80% Design Drawings dated 5/26/2022 and Basis of Design Report dated February 2022. Outlined herein are the changes and/or clarifications to the scope and shall supersede all previous documentation.
2. The Contract Agreement between the Design-Build Project Team and the Owner shall supersede and prevail for any conflicts between the contract documents and the Owner Agreement that are not addressed in this Estimate.
3. Electronic Documents will be provided to the Construction Manager at no cost.
4. Scheduling shall be compiled and issued in a standard CPM format using Primavera P6 as the scheduling software.
5. The Contractor shall be paid for any damage repair or relocations required relevant to below grade utilities that are not located by 811 services, indicated on the contract documents as existing or to be relocated (provided there is no willful misconduct on the part of the Contractor during the discovery process or normal working activities).
6. Work schedule is based upon five (5), 10-hour days.
7. Cost is included for construction material testing.
8. Cost is included for all Phase II design services.
9. All project supervision and management personnel and costs.
10. Construction contingency for unknown/differing conditions.
11. Project Contingency for development of design documents.
12. Material escalation through development of design documents.
13. Electronic as-built documents (two sets of red line as-built drawings will be provided to the Owner at the end of the project).

#### Exclusions:

1. Cost associated with comments and inspections from state and local authorities resulting in changes to the scope of work and or contract documents during the construction process.
2. LEED Requirements.
3. Material escalation factors including costs associated with foreign material tariffs outside of the above-referenced allowance.
4. Costs for Phase I services including current contract value of \$590,000.
5. Buy American or AIS requirements.
6. Davis-Bacon Wage Rates.
7. Temporary Telephone Service.
8. Third Party Special Inspections Cost.
9. Easement/property acquisition.
10. Cost for Permitting including Plan Review Fees, Land Disturbance Permit, Building Permit, Variance Permit, Air Rights Permit, GDOT Permit, Certificate of Occupancy Fee, and All Trade Permits shall be covered by the Phase I services contingency allowance.
11. Reeves Young to provide construction trailer and related furnishings to Owner for the duration of project.

### Division 2 – Existing Conditions

#### Qualifications:

1. Cost is included to decommission and demolish/abandon the existing Little Bear Water Reclamation Facility, and salvage select pieces of equipment as designated by Fulton County
2. Surveying, layout, and temporary controls for the pump stations and force main Work
3. Cost and coordination included to relocate electrical services as necessary with electric utility

**Exclusions:**

1. Cost for abatement of hazardous material
2. Establishing permanent survey monuments
3. Cost for removing/handling/disposing of residual sludge at LBPS
4. Cost for closeout permit and monitoring of abandoned Little Bear Water Reclamation Facility
5. Cost to remove and clean residual material from LBPS

**Division 3 – Concrete****Qualifications:**

1. Cost is included for 6" of stone under slabs
2. Where dimensions were not shown, drawings were scaled to derive quantities
3. Cost includes all electrical, equipment, and mechanical pads (size scaled from drawings)
4. Xypex concrete additive for ANRPS and LBPS
5. Cost of water for water-tightness testing

**Exclusions:**

1. Wet curing of concrete
2. Intermediate or deep foundations
3. Below slab drainage

**Division 4 – Masonry****Qualifications:**

1. N/A

**Exclusions:**

1. Masonry Work

**Division 5 - Metals****Qualifications:**

1. Cost is included for the hatches, grating, and ladders shown at ANRPS and LBPS

**Exclusions:**

1. Handrail, stairs, platforms at ANRPS, LBPS, ORPS

**Division 6 – Woods and Plastics****Qualifications:**

1. N/A

**Exclusions:**

1. Casework, lab equipment, FRP fabrications (grating, frames, etc.), rough carpentry

**Division 7 – Thermal and Moisture Protection****Qualifications:**

1. Rolled-on dampproofing at exterior of ANRPS and LBPS
2. Coating of interior of the wet well with corrosion inhibitor in accordance with 60% Design Specifications
3. Cost is included as an Allowance of \$15,000 for Joint Sealants and Caulking at construction joints in walls and slabs
4. Epoxy-coating of interior of precast concrete manholes

**Exclusions:**

1. Fluid-applied waterproofing at concrete footings
2. Fireproofing

## Division 8 – Doors and Windows

### Qualifications:

1. N/A

### Exclusions:

1. Doors, windows, and associated hardware

## Division 9 - Finishes

### Qualifications:

1. Cost is included for Painting and Coating of exposed and submerged ductile iron pipe (DIP) and fittings, exposed and submerged miscellaneous small-bore piping, and related appurtenances
2. Epoxy coating interior of precast utility structures

### Exclusions:

1. Painting of factory-finished electrical/mechanical equipment
2. Painting and coating of HDPE pipe/fittings
3. Painting and coating of stainless and aluminum metals
4. Painting and coating of odor control ductwork
5. Painting/coating/restoration of existing piping and equipment at LBPS and ORPS unaltered by new construction/modifications

## Division 10 - Specialties

### Qualifications:

1. Cost is included as an Allowance of \$25,000 for Signage
2. Pipe/duct labels
3. Equipment labels

### Exclusions:

1. N/A

## Division 12 - Furnishings

### Qualifications:

1. N/A

### Exclusions:

1. Furniture, furnishings, casework, and window treatments

## Division 13 – Special Construction

### Qualifications:

1. N/A

### Exclusions:

1. Furnish and install pre-engineered metal canopy system

## Division 14 - Conveying Equipment

### Qualifications:

1. N/A

### Exclusions:

1. Elevators or Lifts



## Division 21 - Fire Suppression

### Qualifications:

1. N/A

### Exclusions:

1. Fire Protection Systems (wet or dry type)

## Division 22 - Plumbing

### Qualifications:

1. Pipe, fittings, and appurtenances for complete installation of related emergency eyewashes and showers

### Exclusions:

1. Plumbing systems not shown or indicated on Contract Drawings

## Division 23 - Heating, Ventilating and Air Conditioning

### Qualifications:

1. N/A

### Exclusions:

1. HVAC systems

## Division 26 through 28 Electrical Systems

### Qualifications:

1. Cost is included to furnish and install one (1) each diesel-engine genset at ANRPS and one (1) each diesel-engine genset at LBPS
2. Cost to furnish and install custom enclosures for active front-end filters for VFDs (alternate to include smaller E-house for active front-end filters is currently being evaluated, any potential savings shall be returned to Owner)
3. Cost is included for all Electrical Equipment to be installed at ANRPS and LBPS
4. Cost is included for all Electrical installation, materials, and appurtenances at ANRPS and LBPS
5. Cost to make electrical connections for the new ORPS Odor Control system
6. Cost is included to furnish and install provisions for CCTV/Security System to be installed by others.

### Exclusions:

1. Fire Alarm System
2. Television / MATV / CATV System
3. Tel / Voice / Data System
4. CCTV / Security System
5. Audio Visual System
6. Electronic Door Hardware
7. Paging / Public Address Systems

## Division 31 & 33 - Site Grading & Utilities

### Qualifications:

1. Cost is included for Ductile Iron Pipe for all pipe from the discharge of the wet well pumps through and immediately after the Flowmeter and Bypass assembly at ANRPS and LBPS
2. Cost is included for 12" DIPS SDR11 HDPE for the Force Main pipe and fittings
3. Cost is included for 18" DIPS SDR11 HDPE for the Force Main pipe and fittings
4. Cost is included for Push-On Joints for all piping outside of 10' of the structure and fittings
5. Rock excavation at Force Main, ANRPS, and LBPS is assumed to be covered by the Project Contingency
6. Clearing/grubbing of ANRPS and LBPS for construction of new facilities
7. Clearing/grubbing of select locations along 12" and 18" Force Main pipe installation

8. Dewatering cost for ANRPS and LBPS per "Report of Geotechnical Exploration" for ANRPS and LBPS dated March 17, 2022
9. Cost is included for OSHA-compliant excavations at ANRPS, LBPS, and Force Main piping
10. Cost is included for pre-cast concrete utility structures at ANRPS, LBPS, and Force Main pipe corridor
11. Cost is included for Jack and Bore services for the installation of the 12" and 18" Force Main pipe
1. Utility Meter, Tap, Connection and Impact Fees / Cost including but not limited to water, sewer, gas, storm water, electrical, etc. shall be covered by the Phase 1 Design Service contingency allowance

**Exclusions:**

2. Damage to existing utilities not represented on contract documents or located via 811
3. Flow Testing of Existing Utilities
4. Physical and in pipe camera examination of existing water and sewer utilities
5. Unforeseen conditions and underground hidden conditions including but not limited to underground debris, old foundations, tanks, hazardous materials, unsuitable soils or unsuitable soil bearings, etc.
6. Fill materials for the replacement of unforeseen conditions as listed above
7. Hazardous materials
8. Final Property Survey – Certified or Other
9. Post As-built Hydrology Study and Reports
10. Certified Structural Settlement Survey
11. Easement and property acquisition and associated fees
12. Horizontal Directional Drilling (HDD) for the installation of the 12" and 18" Force Main Piping

**Division 32 - Exterior Improvements****Qualifications:**

1. Cost is included for final grassing of ANRPS and LBPS as hydroseeding
2. Cost is included for NPDES inspections and monitoring
3. Compliance with GSWCC requirements
4. Cost is included for chain link fencing and gates per C-301 at ANRPS
5. Cost is included for chain link fencing and gates per C-302 at LBPS
6. Cost is included for Permeable Paving at LBPS access road and site
7. Cost is included for Asphalt Paving repairs to existing property owners' driveways where Force Main piping crosses
8. Cost is included to grade slope in lieu of retaining wall at Little Bear Pump Station site. Cost to acquire easement shall be by Owner.
9. Cost is included for Concrete Flatwork/Paving at ANRPS
10. Cost is included as an Allowance of \$5,000 for Concrete Curb & Gutter repairs where damaged by Contractor
11. Cost is included as an Allowance of \$10,000 for Pavement Striping/Marking repairs where damaged by Contractor
12. Cost is included as an Allowance of \$15,000 for restoration of Landscaping where damaged by Contractor
13. Final grassing and restoration of areas by Contractor

**Exclusions:**

1. Landscaping not shown or indicated on Contract Drawings
2. Retaining wall at Little Bear Pump Station site (optional adder to include: \$68,134.00).
3. Replacement/restoration of landscaping within right-of-way

**Division 40 – Process Systems****Qualifications:**

1. Cost is included for flanged Ductile Iron Pipe for all pipe from the discharge of the wet well pumps into the valve and at the flowmeter vaults at ANRPS and LBPS

2. Cost is included for flanged valves at all exposed locations, and within the “Plug Valve and MH” and “Plug Valve and Cleanout” manholes
3. Cost is included as an Allowance of \$50,000 for Heat Trace and Insulation for Process Pipe and Equipment
4. Cost is included for furnishing and implementation of the Instrumentation, Controls/Systems Integration, and SCADA Systems

**Exclusions:**

1. N/A

**Division 41 – Cranes & Hoists****Qualifications:**

1. Cost is included for furnish and install of one (1) each overhead monorail crane at ANRPS and one (1) each overhead monorail crane at LBPS

**Exclusions:**

1. N/A

**Division 44 – Wastewater Process Equipment****Qualifications:**

1. Cost is included for Process Equipment as follows:
  - a. Slide & Weir Gates – Three (3) ea. at ANRPS and three (3) ea. at LBPS
  - b. Submersible Chopper Pumps (Wet Well Pumps) – Three (3) ea. at ANRPS and three (3) ea. at LBPS
  - c. Odor Control Equipment and Ductwork – One (1) ea. at ANRPS, one (1) ea. at LBPS, and one (1) ea. at ORPS
2. Cost for Sales Tax is included
3. Selected Equipment:
  - a. Stainless Steel Slide Gates: WACO – \$65,349.00
  - b. Submersible Chopper Pumps, Mixing System, & Accessories: Vaughn – \$621,000.00
  - c. Odor Control Equipment: PureAir – \$290,000.00
  - d. Instrumentation & Controls: Global Control Systems, Inc. – \$105,980.00

**Exclusions:**

1. Cost for equipment not defined or shown



# WACO Products, Inc.

1330 Knecht Avenue  
Baltimore, MD 21229-5511

Phone: 410-242-1000  
Fax: 410-247-4890

ISO 9001:2015 Certified  
[sales@wacoproducts.com](mailto:sales@wacoproducts.com)

May 6, 2022

WACO Quote # TCJ050622-2

**Job Reference:** Fulton County, GA - Atlanta Newman Road PS and Force Main.

**Bid Date:** Budget 60%

**Engineer:** GMC

WACO Representative Firm: Eco-Tech

Contact: Scott Cockrell

Phone: 770-345-2118

**Attn:**

Phone:

Company:

Fax:

Dear Sirs,

We are pleased to offer the following quotation for WACO Products' aluminum or stainless steel slide gates below based on the drawings indicated and with performance and construction as per specification section 40 05 59 in accordance with AWWA C561 and AWWA C561 unless noted otherwise:

Line #	Quantity Quoted	Description	Lot Price
<b>40 05 59 - Aluminum Slide Gates:</b>			
01	2 ea	WACO Series 6684 slide gate: 24"w X 30"h with non-self-contained frame and operator pedestal with wall bracket. BS-2200 manual rising stem operator with handcrank, stem guides as required, stem cover and stop collars. Includes 304 stainless steel mounting wedge anchors and hardware. <b>Sheets S-101, S-102, D-101 &amp; D-102: Newnan Road PS; Gates SG1010 &amp; SG1020.</b>	
02	1 ea	WACO Series 6684 slide gate: 24"w X 30"h with non-self-contained frame and operator pedestal with wall bracket. BS-2200 manual rising stem operator with handcrank, stem guides as required, stem cover and stop collars. Includes 304 stainless steel mounting wedge anchors and hardware. <b>Sheets S-101, S-102, D-101 &amp; D-102: Newnan Road PS; Gate SG1030.</b>	
03	2 ea	WACO Series 6684 slide gate: 24"w X 30"h with non-self-contained frame and operator pedestal with wall bracket. BS-2200 manual rising stem operator with handcrank, stem guides as required, stem cover and stop collars. Includes 304 stainless steel mounting wedge anchors and hardware. <b>Sheets S-201, S-202, D-201 &amp; D-202: Little Bear PS; Gates SG2010 &amp; SG2020.</b>	

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**Sheets S-201, S-202, D-201 & D-202: Little Bear PS; Gate SG2030.**

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TOTAL ALL Aluminum Equipment:	\$44,505.00
TOTAL ALL 304 Stainless Steel Equipment:	\$60,499.00

**Important: Our pricing above is based upon market conditions at the time of quotation and taking into consideration the notes below. Buyer is encouraged to call the WACO Products Representative Firm (above) for clarifications prior to using this quotation for bid or purchase.**

**Notes:**

- (1) The service of a factory representative for **start-up, training, testing and/or inspection are NOT included** in the above pricing. The charge for **on-site services will be \$860.00 per man/day plus expenses** for any one trip to the jobsite area; this does not include holidays, weekends, or other layovers which will incur charges in addition to the per diem rate.
- (2) **Freight to job site is included** based only on full shipment of all materials at time of fabrication completion **via common carrier box trailer**. Other shipment arrangements or schedules may incur additional charges unless otherwise noted above.
- (3) This quotation does not include any local taxes, erections, Professional Engineer stamps, or field measurements.
- (4) **Delivery:** Delivery of finished goods will be negotiated at time of receipt of all approved drawings. As of the date of quotation and with a purchase order accepted within 30 days, **electronic PDF format drawings for approval** can be completed and e-mailed within 10-12 weeks and fabrication can be completed within 10-12 weeks after approvals are received. This is subject to change based on workload at the time of purchase order acceptance and/or receipt of approved drawings.
- (5) **All submittals and WACO standard Installation, Operation and Maintenance manual (O & M) in PDF electronic format submitted via e-mail are included** as standard approval information with unlimited copy permission for Contractor and/or Owner. Hard copies or non-WACO standard formats for any purpose are available for an additional fee.
- (6) **Our terms are net 30 days with no retention of monies applicable with approved credit.** Interest charges of 1 ½% per month will be charged on invoiced accounts beyond 30 days. (Also see Terms & Conditions).
- (7) The quotation has been based on the referenced specifications and drawings, but is limited to the items shown above as described. It is the Buyer's sole responsibility to review our scope of supply as meeting the specification, and WACO Products assumes no responsibility for items omitted, or quoted items specifically called out as not meeting the specification(s). WACO Products will make every effort to correct omissions and/or to clarify or correct specification discrepancies prior to the bid date and time if they are brought to our attention by the customer. Where applicable, all aluminum in contact with concrete will be coated with bitumastic paint, and all operators and/or actuators will be standard factory shop painted. All other metals will have a mill finish, unless otherwise noted.
- (8) **Materials Pricing Clause:** Due to the volatility of raw materials pricing for these items, *after 15 days from the date of quote, we will adjust prices at the time of receipt of approved drawings*, unless otherwise specifically noted above or agreed to in writing by WACO Products, Inc. at the time of purchase order acceptance.
- (9) **Purchase order(s) must reference our quote number which indicates Buyer's acceptance of this quotation, including all Notes, and of WACO Products, Inc.'s Terms**

**and Conditions (below). Purchase orders omitting this requirement or in any way altering our Notes or Terms and Conditions will not be accepted.**

(10) Please execute your purchase order in the name of WACO Products, Inc., 1330 Knecht Ave., Baltimore, Maryland 21229-5511. The Buyer is required to provide WACO Products, at no charge, one set of all applicable and most current contract drawings and specifications required for our use, within 10 working days of purchase order acceptance.

(11) Other terms may be accepted at the sole discretion of the WACO Sales Manager. Contractors wishing to pre-negotiate any other conditions or terms should call the WACO Representative listed above prior to using this quote for bid purposes.

Sincerely,

Thomas Johnson  
Estimator  
Ext. 318



# ***WACO Products, Inc.***

## **TERMS AND CONDITIONS**

- 1. This quotation does not signify a contract unless a purchase order for this proposal is accepted by an authorized representative of WACO Products, Inc. at the company's home office and until so accepted, this quotation may be withdrawn at any time.**
2. This quotation, upon purchase order acceptance, shall constitute the entire contract and no representation or agreement, written or verbal, not included herein and made part hereof is binding upon us. No person, unless authorized in writing by an officer of the Company, has authority to alter the terms hereof.
3. The Company shall not be liable for loss or damage occasioned by delay in shipment or transportation, strikes, fires, or other casualties, Government Regulation and Priorities, failure of sub-contractors or suppliers to make delivery, or any other circumstance beyond its control.
4. The Company's responsibility ceases upon delivery of goods to carrier for transportation.
5. Claims for errors must be made immediately upon receipt of goods or they cannot be recognized.
6. Reasonable doubt, at any time, of the Buyer's financial responsibilities shall entitle the Company to stop operations, decline shipment, or stop any material in transit without liability, until the Buyer shall have paid for the operations and/or material or have satisfactory evidence of his financial responsibility.
7. Notwithstanding any other term or condition in this contract to the contrary, WACO Products, Inc., reserves the right to withhold shipment of material or to cancel the contract in its entirety if at the time of shipment any invoice between WACO Products, Inc. and the Buyer is past due.
8. Our terms are net 30 days from shipment invoice dates with no retention of monies applicable, pending credit approval, unless otherwise noted. A 1 ½% per month simple interest (18% APR) will be assessed on overdue accounts. First time purchasers are required to pay 30% with order, 30% prior to shipment and balance net 30 days with approved credit, or prepay in full unless otherwise specifically agreed to in the quotation or in writing by authorized WACO representative.
9. Any license fees, property, sales, use or excise tax which may at any time be levied or assessed by Federal, State, or Local law upon any goods or services which are subject matter of this quotation, or which may be imposed by similar authority by reason of manufacture, purchase or sale thereof, shall constitute an extra to this proposal and shall be paid by the Buyer. Only Maryland State sales tax can be invoiced and collected by WACO Products; it is the Buyer's responsibility to pay all other taxes and fees directly.
10. This quotation does not include any field erection, field measurements or field visitations unless otherwise noted.
11. This quotation is submitted for a period of 15 days from the printed date of quote. We reserve the right to change at any time and for any reason (including but not limited to errors or omissions on the part of Buyer or WACO Products) all or any portion of quotation including but not limited to: terms, delivery dates, price, product specifications, and scope of items to be bid.
12. In the event this becomes an order please forward the purchase order in the name of WACO Products, Inc. at 1330 Knecht Ave., Baltimore, Maryland 21229.





WC Equipment Sales  
Attn: Dave Williams

Quote Number: 46088B

Dated: 3/8/22

Page 1 of 7

Project: Fulton County, Newnan Road & Little Bear Pump Stations

*DUE TO CONTINUED PRICING INSTABILITIES IN MOTORS, METALS AND CASTINGS  
ALL PRICING BEYOND 60 DAYS MUST BE VERIFIED PRIOR TO PLACING AN ORDER.*

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
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## **BUDGET SCOPE**

### **NEWNAN ROAD PUMP STATION**

**700 GPM @ 215' TDH (1650 RPM)**

**1200 GPM @ 250' TDH (duplex pumps at 600 GPM ea., 1750 RPM)**

**1 3 ea Vaughan Model SR4V-155 Submersible Chopper Pump including:**

**Casing**, cast ductile iron with 4" ANSI CL 125 discharge flange.

**Impeller, Cutter Bar, Cutter Nut Upper Cutter**, cast steel, heat treated to minimum Rockwell C60.

**Mechanical Seal**, cartridge type with ductile iron gland, Viton O-rings, silicon carbide faces, and integral stainless steel sleeve as manufactured by Vaughan.

**Elastomers**, Buna N

**Bearings**, oil bath lubricated with minimum 100,000-hour L-10 bearing life.

**Bearing Housing**, cast ductile iron with piloted motor mount.

**Automatic Oil Level Monitor**, PVC plastic reservoir with 120V switch and relay and 50 feet of hose.

**Shaft**, heat treated steel

**Drive**, 125 HP, 1750 RPM, 460 volt, 3 phase, 60 Hz, 1.0 SF, Inverter Ready, Explosion Proof (Class 1, Group C & D) 15 minute in air continuous duty submersible motor with tandem mechanical seals, Class F insulation, moisture sensors, internal thermostats, and 50 feet of power and control cable, manufactured by ABB/Baldor.

**Pump Finish**: Sandblast and coat with minimum 30 MDFT Tnemec Perma-Shield PL Series 431 epoxy. (Except Motor)

**Pump Monitor Relay** for mounting in customer control panel to supply seal leakage and over temperature alarms for submersible motor.

**2 4 ea Spark Proof Guide Rail System consisting of:**

**4" Base Elbow**, cast ductile iron.

**4" Guide Bracket**, cast non-sparking aluminum bronze.

**(1) Intermediate Stiffener Brackets**, 316 stainless steel located every 10 feet.

**Top Mounting Bracket and Chain Holder Bracket**, 316 stainless steel.

Submittals:	Submittal time is 4 - 6 weeks after receipt of order.
Production Time:	Estimated 18 to 20 weeks after receipt of approved submittals, released to production and executed purchase order. Estimated ship dates are subject to change dependent on motor availability. Vaughan Co. will arrange shipment upon the receipt of approved factory tests, if applicable.
FOB:	Montesano, Washington via best way.
Terms:	Contingent on credit approval.
Expiration:	Quotation valid for 30 days.

jsf

**"First and Only Chopper Pump – Worldwide"**

Vaughan Co., Inc. | 364 Monte-Elma Road | Montesano, WA. USA 98563 | Phone 360-249-4042 | Fax 360-249-6155  
info@chopperpumps.com | <http://www.chopperpumps.com/terms/>



WC Equipment Sales  
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Quote Number: 46088B

Dated: 3/8/22

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Project: Fulton County, Newnan Road & Little Bear Pump Stations

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ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
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**3 1 set Factory Services consisting of:**

Factory Pump Performance Testing.

Factory Hydrostatic Testing.

Factory Routine Motor Testing.

**Factory Submittals**

One (1) electronic copy of preliminary submittal.

Up to (8) hardcopies of approved submittals on 20 lbs. 8 1/2" x 11" letter size paper in standard Three (3) Ring Binder.

**Factory O&M Manuals**

One (1) electronic copy of preliminary submittal.

Up to Six (8) hardcopies of approved submittals on 20 lbs. 8 1/2" x 11" letter size paper in standard Three (3) Ring Binder, two (2) CDs (if requested), and one (1) flash drive (if requested)

(O&M Manuals only include information on Vaughan supplied equipment).

Estimated Freight for Single Shipment, FOB Montesano, WA

**LITTLE BEAR PUMP STATION**

**1400 GPM @ 191' TDH (duplex pumps at 700 GPM ea, 1650 RPM)**

**3000 GPM @ 230' TDH (triplex pumps at 1000 GPM ea, 1750 RPM)**

**Note: 1 pump or 2 pumps cannot operate over 1650 RPM as this risks pump running off right side of the pump curve.**

**4 3 ea Vaughan Model SR4V-155 Submersible Chopper Pump including:**

**Casing**, cast ductile iron with 4" ANSI CL 125 discharge flange.

**Impeller, Cutter Bar, Cutter Nut Upper Cutter**, cast steel, heat treated to minimum Rockwell C60.

**Mechanical Seal**, cartridge type with ductile iron gland, Viton O-rings, silicon carbide faces, and integral stainless steel sleeve as manufactured by Vaughan.

**Elastomers**, Buna N

**Bearings**, oil bath lubricated with minimum 100,000-hour L-10 bearing life.

**Bearing Housing**, cast ductile iron with piloted motor mount.

**Automatic Oil Level Monitor**, PVC plastic reservoir with 120V switch and relay and 50 feet of hose.

Submittals:	Submittal time is 4 - 6 weeks after receipt of order.
Production Time:	Estimated 18 to 20 weeks after receipt of approved submittals, released to production and executed purchase order. Estimated ship dates are subject to change dependent on motor availability. Vaughan Co. will arrange shipment upon the receipt of approved factory tests, if applicable.
FOB:	Montesano, Washington via best way.
Terms:	Contingent on credit approval.
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Project: Fulton County, Newnan Road & Little Bear Pump Stations

*DUE TO CONTINUED PRICING INSTABILITIES IN MOTORS, METALS AND CASTINGS  
ALL PRICING BEYOND 60 DAYS MUST BE VERIFIED PRIOR TO PLACING AN ORDER.*

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
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**Shaft**, heat treated steel

**Drive**, 125 HP, 1750 RPM, 460 volt, 3 phase, 60 Hz, 1.0 SF, Inverter Ready, Explosion Proof (Class 1, Group C & D) 15 minute in air continuous duty submersible motor with tandem mechanical seals, Class F insulation, moisture sensors, internal thermostats, and 50 feet of power and control cable, manufactured by ABB/Baldor.

**Pump Finish**: Sandblast and coat with minimum 30 MDFT Tnemec Perma-Shield PL Series 431 epoxy. (Except Motor)

**Pump Monitor Relay** for mounting in customer control panel to supply seal leakage and over temperature alarms for submersible motor.

**5    4    ea    Spark Proof Guide Rail System consisting of:**

**4" Base Elbow**, cast ductile iron.

**4" Guide Bracket**, cast non-sparking aluminum bronze.

**(1) Intermediate Stiffener Brackets**, 316 stainless steel located every 10 feet.

**Top Mounting Bracket and Chain Holder Bracket**, 316 stainless steel.

**6    1    set    Factory Services consisting of:**

Factory Pump Performance Testing.

Factory Hydrostatic Testing.

Factory Routine Motor Testing.

**Factory Submittals**

One (1) electronic copy of preliminary submittal.

Up to (8) hardcopies of approved submittals on 20 lbs. 8 1/2" x 11" letter size paper in standard Three (3) Ring Binder.

**Factory O&M Manuals**

One (1) electronic copy of preliminary submittal.

Up to Six (8) hardcopies of approved submittals on 20 lbs. 8 1/2" x 11" letter size paper in standard Three (3) Ring Binder, two (2) CDs (if requested), and one (1) flash drive (if requested)

(O&M Manuals only include information on Vaughan supplied equipment).

Estimated Freight for Single Shipment, FOB Montesano, WA

Submittals:	Submittal time is 4 - 6 weeks after receipt of order.
Production Time:	Estimated 18 to 20 weeks after receipt of approved submittals, released to production and executed purchase order. Estimated ship dates are subject to change dependent on motor availability. Vaughan Co. will arrange shipment upon the receipt of approved factory tests, if applicable.
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WC Equipment Sales  
Attn: Dave Williams

Quote Number: 46088B

Dated: 3/8/22

Page 4 of 7

Project: Fulton County, Newnan Road & Little Bear Pump Stations

*DUE TO CONTINUED PRICING INSTABILITIES IN MOTORS, METALS AND CASTINGS  
ALL PRICING BEYOND 60 DAYS MUST BE VERIFIED PRIOR TO PLACING AN ORDER.*

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
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**NOTE:**

THE FOLLOWING ITEMS ARE NOT INCLUDED IN THIS QUOTATION.  
IF REQUIRED, PLEASE CONTACT YOUR LOCAL VAUGHAN  
REPRESENTATIVE FOR PRICING AND AVAILABILITY:  
UNLESS NOTED OTHERWISE, VAUGHAN'S STANDARD WARRANTY  
APPLIES.

- CONTROL PANELS, LEVEL CONTROLS, CONSTANT TORQUE VFD'S, OR ANY OTHER ELECTRICAL OR INSTRUMENTATION ITEM NOT SPECIFICALLY CALLED OUT HEREIN.
- PRESSURE GAUGES, SWITCHES, VALVES AND OTHER SPECIALTIES NOT SPECIFICALLY CALLED OUT HEREIN.
- SPECIAL COATINGS OTHER THAN THOSE QUOTED.
- FACTORY PUMP VIBRATION AND NOISE TESTS.
- EQUIPMENT, LABOR, MATERIAL AND PERSONNEL REQUIRED TO PERFORM FIELD TESTING OF PUMPS.
- SPECIAL MOTOR SPECIFICATIONS OTHER THAN THOSE SPECIFICALLY CALLED OUT HEREIN.
- INTRINSICALLY SAFE FEATURES.
- SPARE PARTS.
- ADDITIONAL LUBRICANTS OTHER THAN THOSE CONTAINED WITHIN THE PUMP.
- ANCHOR BOLTS.
- ACCESS HATCH COVERS.
- PUMP LIFTING HOISTS.
- 2 INCH SCHEDULE 40 PIPE RAILS FOR GUIDERAILS.
- LIFTING CABLES/CHAINS AND SAFETY HOOKS.
- STARTUP BY MANUFACTURER'S REPRESENTATIVE.

**Application:** Lift Station  
**Industry:** Municipal

Pumps - \$545,000  
Acc'y's - Incl. Above  
Field Services - \$14,000  
Mixing System - \$60,000  
TOTAL: \$621,000

Vaughan Co. Inc.

Submittals:	Submittal time is 4 - 6 weeks after receipt of order.
Production Time:	Estimated 18 to 20 weeks after receipt of approved submittals, released to production and executed purchase order. Estimated ship dates are subject to change dependent on motor availability. Vaughan Co. will arrange shipment upon the receipt of approved factory tests, if applicable.
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## PRODUCT WARRANTY, TERMS & CONDITIONS FOR SALES MADE BY VAUGHAN CO., INC.

1. **GENERAL:** The Terms & Conditions herein established by Vaughan Co., Inc. ("us", "we", "our") as may be amended by us from time to time ("Terms and Conditions") apply to all dealings with our potential and actual customers ("you" and "your"), whether made by you or us, for any solicitation, submission, inquiry, offer, request or arrangement (a "Communication") or sale by us with respect to goods we sell ("Product(s)"). Written authorization is only valid if executed by an authorized officer of Vaughan Co.
2. **SCOPE OF SUPPLY:** Scope of supply will be limited to accepted quotation or approved submittals, if required.
3. **ACCEPTANCE OF ORDERS:** No Communication is binding on us unless written authorization is obtained by an authorized officer of Vaughan Co. Any sample provided by us is not part of an Accepted Order.
4. **SUBMITTALS:** Drawings and submittals for approval will typically be supplied four to six (4-6) weeks from the receipt of the order in pdf format. Vaughan will not be responsible for damages, fees or charges for any additional submittal reviews that were not the fault of Vaughan.
5. **PRODUCTION TIME:** Vaughan's production time will begin after complete submittal approval, release to production, execution of the purchase order and receipt of progress payments, if applicable. Production time excludes time to approve test results.
6. **NO CANCELLATION:** Accepted Orders cannot be cancelled or modified, in whole or in part, without our prior written consent, which consent may be withheld or subject to conditions and reasonable charges we may impose. Any custom ordered parts cannot be cancelled without full payment.
7. **DEFAULT:** If Buyer defaults on the contract, Vaughan shall have the right to be cancel the contract in part or whole. Buyer shall be responsible for reasonable termination charges up to the total agreement value. The termination charge is at Vaughan's discretion dependent upon the percentage of the Agreement price reflecting the percentage of the work fabricated prior to the default plus actual direct costs resulting from default, including cancellation charges directly associated with costs for items that are in production at time of cancellation.
8. **PRICE INCREASE:** Price of Product(s) is subject to increase if equipment is not released to production within six months from the date Vaughan receives the initial purchase order from you.
9. **TAXES:** All prices are subject to all applicable sales and use taxes and any other taxes now or hereafter imposed and/or levied by any governmental authority with respect to the sale of the Product(s) ("Applicable Taxes"). Customers located in states where Vaughan is registered for sales tax sales must pay sales tax on all orders delivered or picked up within said state unless Vaughan Co. has in its possession an accurate and current resale or exemption certificate or other acceptable alternate document on file for your company and/or project. If you have a certificate on file with Vaughan Co., please indicate on the purchase order if tax is to be applied or not at the time of the order. Our failure to charge or collect Applicable Taxes when due shall not relieve you of your obligation for its payment. Regardless of any other payment terms, all Applicable Taxes are due net 30 days from the invoice date.
10. **PAYMENT TERMS:** Terms of sale will be shown on each invoice or purchase order, and it is agreed that invoices will be paid in full when due. Standard payment terms for projects covered by a project payment bond that extends coverage to Vaughan Co. are as follows:
  - 10% upon submittal approval;
  - 10% prior to shipment of equipment;
  - 75% net 30 from shipment of equipment;5% due at the earlier of startup or 120 days from shipment of equipment. However, Vaughan may at their discretion alter these percentages on a case by case basis. Projects that are not covered by a project payment bond, or payment bonds that do not extend coverage to Vaughan Co., must be 100% prepaid in advance of shipment. Payment is not subject to hold-backs or contingent upon the Buyer receiving payment from the Owner. If payment in full on any invoice is not received when due, or if your credit worthiness is deemed unsatisfactory by us at any time, we may take, without incurring any liability, one or more of the following actions: (a) impose a service charge at the rate that is the lesser of (i) 1.5% per month or (ii) the maximum rate allowed by applicable law, on any amount past due commencing from the date of such invoice, (b) modify or accelerate payments terms, (c) withhold delivery of Product(s) under any Accepted Order not yet shipped and/or delay, recall or reclaim shipments of Product(s) en route to you or delivered until arrangements satisfactory to us are made to secure payment for any outstanding invoice and for all open Accepted Orders and/or (d) file a lien or bond claim for any unpaid labor or material.
11. **RETAINAGE:** Retainage, if applicable, is limited to 5% of the total Accepted Order price less any applicable taxes and is due at the earlier of start-up or 10 days upon owner's acceptance, however, retainage shall not exceed 120 days from the shipment of equipment.
12. **FREIGHT:** Unless otherwise stated in the purchase order or quote, freight for a single shipment is included. Additional freight cost for split-shipments will be the responsibility of the Buyer. Buyer is responsible for providing complete shipping information and requirements including, but not limited to residential delivery, lift gates, limited access, advance notice, construction/jobsite, etc. Failure to provide accurate information may result in additional shipping fees. Those fees are the responsibility of the Buyer and will be billed accordingly.
13. **DATE OF SHIPMENT:** Shipment dates are approximate and subject to change based upon Product(s) availability, production schedules, and other prevailing conditions. Shipment date is contingent upon the receipt of approved submittals, execution of purchase order, receipt of progress payments and approved factory tests, if applicable. You must accept delivery after approval of submittals, production time and factory test approval or issue us a change to the Accepted Order that must be accepted by us in writing. If Vaughan does not receive approval to ship equipment within 30 days from the submission of factory tests, Buyer will pay Vaughan \$100 per day for storage of equipment.
14. **LONG TERM STORAGE:** We will hold Product(s) in long term storage contingent upon payment of full purchase order price less retainage. Long term storage duration, fees, and any other considerations will be evaluated on a case by case basis.
15. **YOUR ACCEPTANCE OF PRODUCT(S):** You are responsible to promptly inspect Product(s) delivered and notify us within five (5) calendar days following receipt of the Product(s) for which a claim is filed of any shortages, visible material defects or non-conformance of the Product(s) with the Accepted Order. If the equipment is damaged during transport that was arranged by Vaughan, Vaughan will file the claim with the freight carrier. Any damages will be limited to the amounts recovered by Vaughan from the freight carrier.
16. **RETURNS:** Product(s) may not be returned for any reason without authorization by us. Please refer to the "Returned Goods Authorization Policy" for further information on returns.
17. **WARRANTY:** Vaughan Company, Inc. (Vaughan Co.) warrants to the original purchaser/end user (Purchaser) all pumps and pump parts manufactured by Vaughan Co. to be free from defects in workmanship or material for a period of one (1) year from date of startup or eighteen (18) months from the date of shipment from Vaughan Co., whichever occurs sooner. Startup data must be submitted to Vaughan Co. within 30 days of startup. If Purchaser fails to submit startup data within 30 days of startup, then Vaughan, in its sole discretion, may elect to void this warranty at any time. Purchaser must contact Vaughan Co. prior to commencing any repair attempts, or removing pump or parts from service. If Purchaser fails to contact Vaughan Co. prior to commencing any repair attempts or removing pumps or parts from service, then Vaughan, in its sole discretion, may elect to void this warranty at any time. If during said warranty period, any pump or pump parts manufactured by Vaughan Co. prove to be defective in workmanship or material under normal use and service, and if such pump or pump parts are returned to Vaughan Co.'s factory at Montesano, WA, or to a Vaughan authorized Service Facility, as directed by Vaughan Co., transportation charges prepaid, and if the pump or pump parts are found to be defective in workmanship or material, they will be replaced or repaired by Vaughan Co. free of charge. Products repaired or replaced from the Vaughan Co. factory or a Vaughan authorized Service Facility under this warranty will be returned freight prepaid. Vaughan Co. shall not be responsible for the cost of pump or part removal and/or re-installation. All warranty claims must be submitted in writing to Vaughan Co. not later than thirty (30) days after warranty breach occurrence. The original warranty length shall not be extended with respect to pumps or parts repaired or replaced by Vaughan Co. under this Warranty. This Warranty is voided as to pumps or parts repaired/replaced by other than Vaughan Co. or its duly authorized representatives. Vaughan Co. shall not be liable for consequential damages of any kind, including, but not limited to, claims for property damage, personal injury, attorneys' fees, lost profits, loss of use, liability of Purchaser to customers, loss of goodwill, interest on money withheld by customers, damages related to third party claims, travel expenses, rented equipment, third party contractor's fees, or unauthorized repair service or parts. The Purchaser, by acceptance of delivery, assumes all liability for the consequences of the use or misuse of Vaughan Co. products by the Purchaser, its employees or others. Equipment and accessories purchased by Vaughan Co. from outside sources which are incorporated into any Vaughan pump or any pump part are warranted only to the extent of and by the original manufacturer's warranty or guarantee, if any, which warranty, if appropriate, will be assigned by Vaughan Co. to the Purchaser. It is Purchaser's responsibility to consult the applicable product



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**PRODUCT WARRANTY, TERMS & CONDITIONS FOR SALES MADE BY VAUGHAN CO., INC.**

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- documentation for specific warranty information. Specific product documentation is available upon request. Any warranty shall be void if the total contract amount is not paid in full. Vaughan Co. neither assumes, nor authorizes any person or company to assume for it, any other obligation in connection with the sale of its equipment with the exception of a valid Vaughan "Performance Guarantee" or "Extended Warranty," if applicable. Any other enlargement or modification of this warranty by a representative or other selling agent shall not be legally binding on Vaughan Co. Warranty eligibility determination is at Vaughan Co.'s sole discretion. Warranty Limitations: This warranty shall not apply to any pump or pump part which has been subjected to or been damaged by any of the following non-exclusive list of causes: Misuse, abuse, accident, negligence, operated in the dashed portion of the published pump curves, used in a manner contrary to Vaughan's printed instructions, defective power supply, improper electrical protection, faulty installation, maintenance, or repair, wear caused by pumping abrasive or corrosive fluids or by cavitation, dissatisfaction due to buyer's remorse, damages incurred during transportation, damages incurred during installation or maintenance. **THIS IS VAUGHAN CO.'S SOLE WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WHICH ARE HEREBY EXCLUDED INCLUDING IN PARTICULAR ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**
18. **FORCE MAJEURE:** Vaughan shall have no liability in respect of failure to deliver or perform or delay in delivering or performing any obligations due to causes such as fire, earthquakes, flooding or other natural disasters, failure of our supplier to deliver on time, war, acts or threats of terrorism, strikes and any other circumstance outside the reasonable control of Vaughan.
19. **DAMAGES:** Vaughan is not responsible for any damages due to delays, special, indirect, consequential or punitive damages.
20. **BACK CHARGES:** You shall not charge Vaughan back charges without first receiving written approval from an authorized officer of Vaughan Co.
21. **COLLECTION CHARGES:** You shall pay all costs and expenses, including without limitation reasonable attorneys' fees and administrative charges, we incur in endeavoring to protect our rights arising out of your failure to perform your obligations to us, including without limitation any attempt to collect any amount you owe us.
22. **CONFIDENTIALITY:** Buyer shall take reasonable efforts to maintain as confidential, such items marked or identified as such by Vaughan. Such confidential information shall not include information which may have been provided to Vaughan in connection with this Agreement. All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data, software and other documents or information prepared or disclosed by Vaughan, and all related intellectual property rights, shall remain Vaughan's property. Vaughan grants Buyer and Owner a non-exclusive, non-transferable license to use any such material solely for Buyer's use of the work. Buyer shall not disclose any such material to third parties without Vaughan's prior written consent.
23. **EAR COMPLIANCE:** If Product(s) are exported by us, we provide the following statement: "these commodities, technology or software were exported from the United States in accordance with the export Administration Regulations. Diversion contrary to U.S. law is prohibited."
24. **GOVERNING LAW:** The transactions between you and us are made in Washington State, shall be governed by the laws of Washington State, and you agree to submit exclusively to jurisdiction and venue of such state with respect to any dispute arising out of any transaction between you and us. **YOU AND WE KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVE THE RIGHT TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING ARISING OUT OF ANY SUCH DISPUTE.**
25. **DISPUTES:** Any claim or dispute between Vaughan and Buyer, arising out of or relating to either's obligations to the other under this Contract, shall, if possible, be resolved by negotiation between Vaughan's and Buyer's designated representatives. Vaughan and Buyer each commit to seeking resolution of such matters in an amicable, professional and expeditious manner so as to avoid unnecessary losses, delays and disruptions to the Work. If a matter cannot be resolved by the parties' designated on-site representatives, the following dispute resolution procedure shall apply:
- No later than thirty (30) days after the designated representatives fail to reach agreement, representatives from executive management of Seller and Contractor shall attempt to resolve the matter.
  - If resolution cannot be reached by the parties' executive managers, no later than thirty (30) days after the executive managers fail to reach agreement, the parties shall submit the dispute to non-binding mediation. The parties shall select a mediator that is mutually acceptable. The location of the mediation shall be in County wherein the project is located.
  - If resolution cannot be reached by the parties through mediation, within thirty (30) days after the mediation has concluded, either party may file a demand for arbitration. Such arbitration shall be administered by the American Arbitration Association ("AAA") in accordance with its Construction Industry Arbitration Rules. Judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.
26. **NO RIGHT OF SET-OFF:** Each Accepted Order constitutes a separate and distinct contract when accepted by us and you may not withhold payment for an invoice or offset same, in whole or in part, against sums you claim are due you by us with respect to another Accepted Order, invoice or for any other cause or reason whatsoever.
27. **INDEMNITY CLAUSE:** Any indemnification shall not include claims of, or damages resulting from the negligence, gross negligence, or willful, wanton or intentional misconduct of the parties indemnified hereunder. To the extent that conditions, acts, activities or conduct involve the contributory negligence or misconduct of you or other third parties, liability will be apportioned between the parties according to comparative fault.
28. **OUR RIGHTS ARE NOT EXCLUSIVE:** Our rights hereunder are in addition to and not in lieu of any other rights and remedies available to us at law or in equity.
29. **NOTICES:** All notices of claims or disputes given by either you or us with respect to any Communication, Accepted Order or these Terms & Conditions shall be in writing and sent by (a) first class mail with a copy by certified mail, return receipt requested, postage pre-paid, or (b) overnight delivery service, charges prepaid, and address as follows: (i) if intended for us, to our address to which a Communications was sent or an Accepted Order was placed, and (ii) if to you, at your address last known to us. Notice will be effective the first business day after notice is sent.
30. **NO OTHER TERMS ACCEPTED:** No terms or conditions, other than these Terms and Conditions, shall apply to any Accepted Order and no agreement or understanding in any way adding to or otherwise modifying these Terms and Conditions shall be binding on us unless set forth in writing and signed by an officer of Vaughan Co. Vaughan Co. is only bound to the terms of the contract/agreement/purchase order between Vaughan and Buyer. The Buyer's Prime Contract with an Owner shall not affect the contract between Vaughan and Buyer unless specifically accepted in writing by an authorized officer of Vaughan Co.
31. **COUNTERPARTS:** This Agreement may be executed in counterpart, and may be executed by way of facsimile, email or electronic signature, and if so, shall be considered an original.
32. **MISCELLANEOUS:** No waiver of any rights or remedies shall be binding on us unless set forth in a written waiver signed by us. We do not give up any of our rights or remedies if we fail or delay in seeking a remedy or if we accept a payment while there is a breach by you. Any such waiver, delay or failure by us on one occasion shall not be deemed a waiver by us of any future default by you or of any future right or remedy available to us. The Section, Paragraph and other heading in these Terms & Conditions are for convenience of reference only and shall not limit or otherwise affect the meaning of any provision contained in these Terms and Conditions. The invalidity of enforceability of any provision in these Terms and conditions shall in no way effect the validity or enforceability of any other provision.





## VAUGHAN CO., INC. PRODUCT WARRANTY

Vaughan Company, Inc. (Vaughan Co.) warrants to the original purchaser/end user (Purchaser) all pumps and pump parts manufactured by Vaughan Co. to be free from defects in workmanship or material for a period of one (1) year from date of startup or eighteen (18) months from the date of shipment from Vaughan Co., whichever occurs sooner. Startup data must be submitted to Vaughan Co. within 30 days of startup. If Purchaser fails to submit startup data within 30 days of startup, then Vaughan, in its sole discretion, may elect to void this warranty at any time. Purchaser must contact Vaughan Co. prior to commencing any repair attempts, or removing pump or parts from service. If Purchaser fails to contact Vaughan Co. prior to commencing any repair attempts or removing pumps or parts from service, then Vaughan, in its sole discretion, may elect to void this warranty at any time.

If during said warranty period, any pump or pump parts manufactured by Vaughan Co. prove to be defective in workmanship or material under normal use and service, and if such pump or pump parts are returned to Vaughan Co.'s factory at Montesano, WA, or to a Vaughan authorized Service Facility, as directed by Vaughan Co., transportation charges prepaid, and if the pump or pump parts are found to be defective in workmanship or material, they will be replaced or repaired by Vaughan Co. free of charge. Products repaired or replaced from the Vaughan Co. factory or a Vaughan authorized Service Facility under this warranty will be returned freight prepaid. Vaughan Co. shall not be responsible for the cost of pump or part removal and/or re-installation.

All warranty claims must be submitted in writing to Vaughan Co. not later than thirty (30) days after warranty breach occurrence. The original warranty length shall not be extended with respect to pumps or parts repaired or replaced by Vaughan Co. under this Warranty. This Warranty is voided as to pumps or parts repaired/replaced by other than Vaughan Co. or its duly authorized representatives.

Vaughan Co. shall not be liable for consequential damages of any kind, including, but not limited to, claims for property damage, personal injury, attorneys' fees, lost profits, loss of use, liability of Purchaser to customers, loss of goodwill, interest on money withheld by customers, damages related to third party claims, travel expenses, rented equipment, third party contractor's fees, or unauthorized repair service or parts. The Purchaser, by acceptance of delivery, assumes all liability for the consequences of the use or misuse of Vaughan Co. products by the Purchaser, its employees or others.

Equipment and accessories purchased by Vaughan Co. from outside sources which are incorporated into any Vaughan pump or any pump part are warranted only to the extent of and by the original manufacturer's warranty or guarantee, if any, which warranty, if appropriate, will be assigned by Vaughan Co. to the Purchaser. It is Purchaser's responsibility to consult the applicable product documentation for specific warranty information. Specific product documentation is available upon request. Any warranty shall be void if the total contract amount is not paid in full.

Vaughan Co. neither assumes, nor authorizes any person or company to assume for it, any other obligation in connection with the sale of its equipment with the exception of a valid Vaughan "Performance Guarantee" or "Extended Warranty," if applicable. Any other enlargement or modification of this warranty by a representative or other selling agent shall not be legally binding on Vaughan Co.

Warranty eligibility determination is at Vaughan Co.'s sole discretion.

### Warranty Limitations:

This warranty shall not apply to any pump or pump part which has been subjected to or been damaged by any of the following non-exclusive list of causes:

- Misuse
- Abuse
- Accident
- Negligence
- Operated in the dashed portion of the published pump curves
- Used in a manner contrary to Vaughan's printed instructions
- Defective power supply
- Improper electrical protection
- Faulty installation, maintenance, or repair
- Wear caused by pumping abrasive or corrosive fluids or by cavitation
- Dissatisfaction due to buyer's remorse
- Damages incurred during transportation
- Damages incurred during installation or maintenance

***THIS IS VAUGHAN CO.'S SOLE WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WHICH ARE HEREBY EXCLUDED INCLUDING IN PARTICULAR ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.***





Goforth Williamson, Inc.  
 Mail To: 373 O'Dell Road  
 Ship To: 377 O'Dell Road  
 Griffin, GA 30224  
 United States of America  
 Ph: 770-467-0303

Fax: 770-467-0301

<b>Quote</b>	
ID: P219941	Date: 09-Jun-22

**To**

Reeves Young Construction  
 45 Peachtree Industrial Blvd NW  
 Sugar Hill, 30518  
 United States of America

**Quote To**

SAME

Ph: 770-271-1159

Fax: 770-271-5856

Terms		Ship Via		Salesperson
Net 30 Days				DBMCDO
Quantity	Description	Unit Price	Amount	
	<p>11) Start up and training.</p> <p>Two (2) VBS-8 Odor Control System designed to deodorize malodorous air containing H2S and various sewage gases. PureAir Filtration will provide a VBS-8 FRP system as required to eliminate all odors. Each system will consist of the following, unless stated otherwise.</p> <p>1) One (1) PureAir VBS-8 FRP odor control with insulated vessel designed to provide 2,250 CFM of purified air and engineered per customer requirements.</p> <p>2) Full charge of PureAir Sulphasorb .30 high-capacity media. Media will be delivered in super sack for loading into the unit.</p> <p>3) H2S breakthrough indicator as specified or Real Time Media Bed Monitor: This system includes PureAir's "Real Time Media Bed Monitor Rod" which gives continuous, reliable monitoring of the remaining life of the H2S carbon.</p> <p>4) One (1) centrifugal industrial FRP fan that meets AMCA requirements with Teflon seals and TEFC motor, 230/480 volt/3ph/60hz designed to provide a minimum of 2,250 CFM.</p> <p>5) NEMA 4X control panel with SST enclosure, HOA, disconnect, 480-volt breaker, run/fail lights and alarm.</p> <p>6) High Efficiency mist &amp; grease filter. Mist &amp; grease filter equipped with differential pressure gage rated 0-2 iwvg.</p> <p>7) Sound enclosure.</p> <p>8) Exhaust stack.</p> <p>9) All ductwork and flexible connectors between the vessel, blower, mist and grease filters. All other ductwork not included.</p> <p>10) Differential pressure gauge to measure the pressure drop across the media bed.</p> <p>11) One (1) year or 18 months after shipment warranty.</p> <p>12) Start up and training.</p> <p>Includes: (3) Electronic Bed Monitors, 1 per station.</p> <p>Invoices are payable within 30-days from Invoice date. The attached Terms and Conditions become a part of this offer to sell.</p>			





Goforth Williamson, Inc.  
 Mail To: 373 O'Dell Road  
 Ship To: 377 O'Dell Road  
 Griffin, GA 30224  
 United States of America  
 Ph: 770-467-0303

Fax: 770-467-0301

<b>Quote</b>	
ID: P219941	Date: 09-Jun-22

**To**

Reeves Young Construction  
 45 Peachtree Industrial Blvd NW  
 Sugar Hill, 30518  
 United States of America

**Quote To**

SAME

Ph: 770-271-1159

Fax: 770-271-5856

Terms		Ship Via	Salesperson
Net 30 Days			DBMCDO
Quantity	Description	Unit Price	Amount
1	<p>Not Included:            Installation of any of the above equipment            Electrical Installation            Ductwork to odor source            Spare parts            Skid            RTP-1 stamp</p> <p>Terms: See also attached standard terms and conditions            Submittals to be completed in 3-5 weeks upon receipt of purchase order            Delivery will occur 15-18 weeks after written release from Purchaser.            Freight: FOB Destination            Taxes: Not included</p> <p>*Please issue purchase order direct to PureAir Filtration.</p>	\$290,600.00	\$290,600.00
	<p>Quote prepared by Dustin McDowell.</p> <p>PLEASE NOTE:</p> <ol style="list-style-type: none"> <li>1. Freight: FOB Origin, ground freight prepaid and charged to curbside of first location.</li> <li>2. Price "does not" reflect Sales Tax, Documentation, Drawings, or Special Paperwork.</li> <li>3. We can now accept Visa, Mastercard, American Express and Discover. Please contact us if you would like to pay via credit card.</li> <li>4. GWI will provide 1-year warranty on workmanship and materials from the date of delivery</li> <li>5. Please reference Quote on Purchase order and send your Purchase orders to PurchaseOrders@GoforthWilliamson.com</li> </ol> <p>THANK YOU FOR THE OPPORTUNITY TO PROVIDE THIS QUOTE. PLEASE CALL 770-467-0303, OR YOUR SALES REP, IF YOU HAVE ANY QUESTIONS.</p>	Total:	\$290,600.00

# GLOBAL CONTROL SYSTEMS INC.

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## System Integration & Automation Solutions

May 10, 2021

Mr. Patrick Hines  
Reeves + Young.  
45 Peachtree Industrial Blvd. N.W., Suite 200  
Sugar Hill, GA. 30518  
E-mail: [phines@reevesyoung.com](mailto:phines@reevesyoung.com)

Reference:     - GCS Proposal Number 22GA021\_Rev. 0  
                  - 60 % Design / Build: Atlanta Newnan Rd Pump Station and Force Main –Fulton County, GA.  
                  - Field Instrumentation with Mission RTU-Unit SCADA System  
                  - Division 40: Section – 40 71 13, 40 72 23, 40 72 76, 40 73 13, 40 73 26, 40 73 63  
                  - Division 26: 26 03 30 (Only Mission RTU-Unit SCADA System)  
                  - Contract Drawings: I-001, I-101, I-102, I-801 & I-902

Dear Patrick:

A Minority & Female Business Enterprise (FMBE), Global Control Systems, GCS, is pleased to provide the following proposal to furnish **specified Field Instrumentation with Mission RTU-Unit SCADA System scope as per “60 % Design / Build: Atlanta Newnan Rd Pump Station and Force Main – Fulton County, GA.”** bid Project.

### Proposal – General

Global Control Systems, Inc., GCS – Process Instrumentation and Control Supplier, in conformance with the contract drawings and specifications, proposes to furnish equipment and services, including engineering, submittals, equipment, freight, startup, testing, operation and maintenance manuals as specified. **Global Control Systems, Inc.** will assume responsibility only for the equipment and services enumerated herein in accordance with the Contract Drawings and Specifications. **Global Control Systems, Inc.** will **not** provide any **Local / Vendor furnished field instrumentation and Control Panels / Enclosures, any PLC / HMI Panels**, equipment installation, **taxes**, equipment demolition, mounting hardware, floor stands, wall brackets or instrument racks, **sunshades**, field wiring, conduit and cable, field tubing, terminations, unless otherwise explicitly stated within the body of this Scope of Supply.

### SCOPE SUMMARY

#### Division 40 – Process Interconnections

Section: 40 71 13 – Magnetic Flow Meters

Section: 40 72 23 – Radar level Meters

Section: 40 72 76 – Level Switches

Section: 40 73 13 – Pressure Gauges with Diaphragm Seals

Section: 40 73 26 – Gauge Pressure Transmitters with Diaphragm Seals

Section: 40 73 63 – Diaphragm Seals

#### Division 26 – Electrical

Section: 26 03 30 – SCADA System (Only Mission RTU-Unit)

Contract Drawings: I-001, I-101, I-102, I-801 & I-902

In reference to above contract specifications and drawings, **Process Field Instrumentation and Control “System Integrator” GCS** - scope involve includes Alarm and Monitoring System of specified **field instrumentation with Mission RTU-Unit SCADA System** to accept all specified new and existing signals to monitor and control with help from field instrumentation. Completely integrated instrumentation system, along with submittals, engineering design services, field test, field configuration, field calibration,

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*Minority Female Business Enterprise*

3297 Millwood Trail Smyrna, GA 30080 P: 678-908-8392 F: 770-432-9300 [www.globalcontrolsystems.com](http://www.globalcontrolsystems.com)

## System Integration & Automation Solutions

start-up, testing support, commissioning, training, O&M manuals and warranty shall be provided as specified.

### **GCS: Process Field Instrumentation and Control “System Integrator” GCS - CSI Functional Scope:**

1. The specified scope includes system integration as **“Process Field Instrumentation and Control System Integrator”** related to the new Pump Station instrumentation and control system
2. Furnish specified new field instrumentation with **new Mission RTU-Unit SCADA System** at **“Atlanta Newnan Rd and Little Bear Pump Stations – Fulton County, GA.”**
3. Provide engineering services such as field hardware submittals for **GCS furnished instruments with Mission RTU-SCADA System**, field test and start-up
4. O & M – manuals, Training and warranty shall be provided as specified and shown on the contract specifications

**Note: In reference to contract specs and drawings, All Local / Vendor scope field instruments and Control Panels / Enclosures with PLC/HMI System hardware / software and Programmer’s services shall be provided by others and not included under GCS scope of supply.**

### **ATLANTA NEWNAN RD. & LITTLE BEAR PS FIELD INSTRUMENTS:**

**Field Instrument: Instrumentation List, (Spec Section: 13420 & P&ID I-Drawings)**

**Section: 13360 – Automatic Refrigerated Sampler**

In reference to **contract specifications and drawings**, field Instrumentation scope by **“Process Field Instrumentation System Integrator” GCS - CSI include** only instruments listed below. Any devices other than listed below are **not** part of **GCS** scope of supply and to be furnished by **others / General Contractor**.

**Under this scope**, it covers specified field mounted instruments to interface with **new LCP-AL, LCP-R1, LCP-R2 & LCP-R3 Control Panels** with all necessary engineering and startup services, Factory Acceptance Test (FAT), Operational Readiness Test (ORT) and the Functional Demonstration Test (FDT). Completely integrated instrumentation system, along with engineering submittals, field calibration, start-up, testing, commissioning and O&M manuals shall be provided as specified.

#### **Spec Section: 40 71 13 - Magnetic Flow Meters and P&ID Drawing I-101, I-102 & I-902:**

**Two (2)** As specified, **Size: 12" NEMA 6P (IP68) - SUBMERGENCE with Remote Transmitters**,  
**Tag No. FE/FIT-1050 & -2050**

**Note: GCS scope does not include furnishing any mounting hardware such as flange, Brackets, Gaskets and misc. hardware for above Flowmeters with Remote Transmitters and to be furnished by GC or Others**

#### **Spec Section: 40 72 23 - Radar Level Meters and P&ID Drawing I-101, I-102 & I-902:**

**Two (2)** As specified, Radar Level Meters with Transmitters  
**Tag No. LE/LIT-1044 & -2044**

#### **Spec Section: 40 72 76 - Float Level Switches and P&ID Drawing I-101, I-102 & I-902**

**Four (4)** As specified, Float Switches  
**Tag No. LSL-1041, Lsh-1042, LSL-2041 & LSH-2042**

#### **Spec Section: 40 73 13 – Press. Gauge with Diaphragm Seal and P&ID Drawing I-101, I-102 & I-902:**

**Six (6)** As specified, Pressure Gauges with Diaphragm Seals  
**Tag No. PI-1010, -1020, -1030, -2010, -2020 & -2030**

## System Integration & Automation Solutions

**Spec Section: 40 73 26 & 40 73 63- Gauge Pressure Transmitter with Diaphragm Seal and P&ID Drawing I-101, I-102 & I-902:**

**Two (2)** As specified, Gauge Pressure Transmitters with Diaphragm Seals

**Tag No.** PE/PIT-1050 & -2050

**Note: GCS scope does not include furnishing Block/Root/Isolation Valves for these above Pressure Transmitters and to be furnished by GC or Others**

**Spec Section: 40 72 76- Submersible Level Transmitter and P&ID Drawing I-101, I-102 & I-902:**

**Two (2)** As specified, Submersible Level Transmitters

**Tag No.** LE/LIT-1040 & -2040

**Combustible Gas Detector- P&ID Drawing I-801 & I-902:**

**Two (2)** As specified, Combustible Gas Detector (Methane – LEL)

**Tag No.** AE/AIT-1180 & -2180

**Spec Section: 26 03 30 – Only Mission RTU-Unit SCADA System:**

**Two (2)** As specified, Mission RTU-Unit with Misc. hardware

**Tag No.** MI-Atlanta Newnan Rd. PS SCADA System

**Tag No.** MI-Bear Creek PS SCADA System

**Spec Section ?????, Field Surge Suppressor – Transient Voltage Surge Suppression:**

**One Lot (1):** As required, lightning and surge protection on **GCS part of instruments** analog signal and power wiring which enters or exits buildings or which terminates in outdoor control panels will be individually protected against lightning spikes, and other transient surges at only **GCS provided field instruments** termination point.

**Note: GCS scope does not include furnishing and termination of Fiber Optic / Ethernet / MODBUS or any other cables under this project throughout the plant and to be furnished by Electrical / Others,**

**Note: In reference to contract drawings, any and all vendor provided field instruments, control panels/enclosures, PLC/HMI panels and any type of communication cables (Fiber Optic / Ethernet (CAT 6) / MODBUS) are not included under GCS scope of supply and will be furnished by specified Vendor.**

### Process Control Networks

**If applicable, any and all Fiber Optic / Ethernet / MODBUS Cables are not included under GCS scope of supply and to be furnished by Electrical / Others**

#### **Note:**

- This scope **does not include** any **Fiber Optic / Ethernet cable** termination services
- This scope **does not** include furnishing and running Ethernet / fiber optic cable and conduit
- This scope **does not** include any patch panels, ETHERNET cables and communication fiber optic / ETHERNET switches
- For field instrumentation and control panels scope, **GCS** has included only field instruments listed above from contract **drawings and specifications**. Any devices other than listed above are **not** part of GCS scope of supply and to be furnished by others/General Contractor.
- **Where ever applicable**, this scope includes power and analog surge suppressors for field-mounted instrumentation provided by **GCS**
- This scope **does include** specified **spare parts** for field instruments and control panels
- If applicable, electrical Contractor will provide 120 VAC power for this equipment.
- Field Instruments with Mission RTU-Unit SCADA System furnished by **GCS** installation and field wire termination services are **not included** in this scope of work
- This scope **does not include** any field-mounted sample pumps and misc. hardware not specified above.

## System Integration & Automation Solutions

- Any mounting hardware or labor for field instruments with Mission RTU-Unit SCADA System furnished by **GCS** installation and termination is **not included** in this scope.
- This scope **does not include PLC / HMI /SCADA hardware and programming development software with Licenses**
- This scope **does not include** PLC programmer laptop
- This scope **does not include** installation of Antenna for Mission RTU-Unit SCADA System
- This scope **does not include** furnishing and installation of any type of communication cables such as Ethernet (CAT6), DeviceNet, MODBUS and **Fiber Optic** between PLC panel and to the field and panels via Ethernet

### Spare Parts:

- This scope **includes specified** spare parts for field instruments

### Field Start-up Services

**Field Instrumentation with Mission RTU-Unit SCADA System:** Qualified GCS staff will provide start-up services for the specified tasks.

### Warranty:

**Field Instrumentation with Mission RTU-Unit SCADA System:** As specified, warranty will be provided.

### Training:

**Field Instrumentation with Mission RTU-Unit SCADA System:** As specified, Qualified GCS staff will provide training for the specified tasks.

### Delivery Schedule

- Field instruments with Mission RTU-Unit SCADA System will be submitted for approval within **Four (4) to Six (6) weeks** after receipt of purchase order
- Field instruments with Mission RTU-Unit SCADA System delivery will be within **Eight (8) to Ten (10) weeks** after receipt of field instruments submittal approval
- Start-up services can be scheduled with **three (3) to four (4) weeks'** notice.

**Total cost includes: GCS furnished Field Instrumentation with Mission RTU-Unit SCADA System:** engineering services like component catalog cut sheets, field and with Mission RTU-Unit SCADA System equipment submittals, Operational and Maintenance Manual and equipment submittal for the items supplied by GCS.

**Total Cost for the above scope.....\$ XXX, XXX. 00**

**Any Applicable freight and sales taxes are included in this Cost.**

### Terms for Payment

- 20% - Approved field Instrumentation with Mission RTU-Unit SCADA System Equipment Submittal. Net 30 Days
- 75% - Delivery of Field Equipment. Net 30 Days
- 5% - After Field Start-up. Net 30 Days

### Terms and Conditions

Prices quoted herein are for the equipment and services listed and do not include any external electrical wiring or termination, equipment installation, plumbing or mechanical interconnection.

## System Integration & Automation Solutions

Prices are in US funds, all applicable taxes extra. The above prices will be held for thirty days provided equipment manufacturer's price does not change. Any equipment price change will be forwarded to the customer.

If we are not at the agreement within specified time frame, terms and agreement will be negotiated at later date.

### Payment terms are:

Pro-rated payment shall become due as each partial shipment is made. If shipment is delayed for any reason that is beyond the control of GCS, prices shall be increased 1.5% for each full month or fraction thereof that shipment is delayed beyond reasonable time frame. Further, if equipment is ready for shipment, and purchaser delays shipment, date of notice of readiness of shipment shall be deemed to be date of shipment for payment purposes.

This proposal is limited to only those technical portions of the Engineer's Specification specifically referred to herein, and to the Terms and Conditions of Sale as outlined. GCS is not bound by any Terms and Conditions of the Prime or other contracts not specifically included herein.

We appreciate the opportunity to furnish you with this proposal and look forward to working with you on this project. Should you have any questions, please feel free to give us a call.

Sincerely,

**Kishor Gandhi / Project Manager**



3297 Millwood Trail  
Smyrna, Georgia 30080  
Office: 678-799-9393 / Cell: 678-908-8392  
[kishor@globalcontrolsystems.com](mailto:kishor@globalcontrolsystems.com)  
[globalcontrolsystems.com](http://globalcontrolsystems.com)