

# DUE TO THE COVID-19 CONSIDERATIONS, Council Chambers is open with limited accessibility. Council Meetings and Public Meetings are open to public 20%

capacity of Council Chambers. All guests will practice physical distancing as recommended.

Citizens are encouraged to watch the meetings from home.

#### Watch Live via YouTube at:

https://www.youtube.com/channel/UCBmloqX05cKAsHm ggXCJIA

To participate in a **Public Hearing**, you may either email to <a href="mailto:comments@jaspercountysc.gov">comments@jaspercountysc.gov</a> or request via email or phone by **1:00PM** on **Monday**, **August 8**, **2022**, to speak via telephone at the Virtual Council Meeting.

Instructions may also be found at the Jasper County website <a href="https://www.jaspercountysc.gov">www.jaspercountysc.gov</a>
FOR MORE INFORMATION, PLEASE CALL (843) 717-3696



#### **JASPER COUNTY COUNCIL**

# Workshop and Special Called Meeting

Jasper County Clementa C. Pinckney Government Bldg 358 3<sup>rd</sup> Avenue Ridgeland, SC 29936

> August 8, 2022 AGENDA

#### 5:30 PM - Workshop

I: Call Workshop to Order by Chairwoman Barbara B. Clark

Clerk's Report of Compliance with the Freedom of Information Act.
\*In compliance with the Freedom of Information Act, notice of meetings and agendas were posted and furnished to all news media and persons requesting notification\*

- > Bailey Park PDD Workshop
- II. Call to Order for Special Council Meeting
  (Beginning at conclusion of Workshop)
- III: Executive Session SECTION 30-4-70.
  - (a) A public body may hold a meeting closed to the public for one or more of the following reasons:
  - (2) Discussion of negotiations incident to proposed contract arrangements and proposed purchase or sale of property, the receipt of legal advice where the legal advice related to pending, threatened, or potential claim or other matters covered by the attorney-client privilege, settlement of legal claims, or the position of the public agency in other adversary situations involving the assertion against the agency of a claim - Exit 3
  - (5) Discussion of matters relating to the proposed location, expansion, or the provision of services encouraging location or expansion of industries or other businesses in the area served by a public body Project Silver Star

ANY EXECUTIVE SESSION MATTER ON WHICH DISCUSSION HAS NOT BEEN COMPLETED MAY HAVE DISCUSSION SUSPENDED FOR PURPOSES OF BEGINNING THE OPEN SESSION AT ITS SCHEDULED TIME, AND COUNCIL MAY RETURN TO EXECUTIVE SESSION DISCUSSION AFTER THE CONCLUSION OF THE OPEN SESSION AGENDA ITEMS

IV: Return to Regular Session:

V: Invocation

VI: Pledge to the Flag

VII: Approval of the agenda:

6:30 PM - Public Hearing

**VIII: Public Hearing** 

A: David Tedder – Public Hearing Only regarding the citizen input on the desirability of an ordinance in the future to levy and impose up to a one (1) percent sales and use tax, subject to a referendum, within Jasper County pursuant to Section 4-10-1010 et seq. of the Code of Laws of South Carolina, 1976, as amended; to define the specific purposes and designate projects for which the proceeds of the tax may be used; to provide the maximum time for which such tax may be imposed; to provide the estimated cost of the projects funded from the proceeds of the tax; to provide for a county-wide referendum on the imposition of the sales and use tax and the issuance of general obligation bonds and to prescribe the contents of the ballot questions in the referendum; to provide for the administration of the tax, if approved; to provide for the payment of the tax, if approved; and to provide for other matters relating thereto.

#### IX: New Business:

A: Kimberly Burgess - Cumming Management Group, Inc. Professional Service Agreement Change Order #3 in the amount of \$35, 152 for Marsh Cove Fire Station.

B: Kimberly Burgess - Marsh Cove Fire Station C. Merrill Construction Change Order #008 (RDA Change Order #6) for a fire suppression system certified water designed to meet NFPA 24.20167 requirements and reconciliation of contract allowance of \$3,500 for a septic tank system.

#### X: Adjourn

\*Council may act on any item appearing on the agenda including items discussed in executive session.

In accordance with South Carolina Code of Laws, 1976, Section 30-4-80(d), as amended, notification of the meeting was posted on the County Council Building at a publicly accessible place and on the county website at least 24 hours prior to the meeting. A copy of the agenda was given to the local news media and posted at the meeting location twenty-four hours prior to the meeting.

<u>Special Accommodations Available Upon Request to Individuals with Disabilities</u>
(843) 717-3696

## **AGENDA ITEM:**

Workshop

Topic:

## Bailey Park PDD

## AGENDA ITEM: VIII

# PUBLIC HEARING ONLY

# AGENDA ITEM: IX

New Business item A



#### **CHANGE ORDER No. 3-ADDITIONAL SERVICES**

PROJEC	T DESCRIPTION:	Marsh Cove Fire Station	CMG/ Project Number 21-00306 00
1 110360		IAIGI 211 COAE LITE TRUICIT	CIVICI PROPECT NUMBER Z LATUSUS CITA

CONTRACT FORM: Professional Service Agreement - Project Management

**CLIENT: Jasper County** 

CHANGE ORDER NO: 3
DATE: 07.27.2022

CONSULTANT: CUMMING MANAGEMENT GROUP, INC.

The Contract Letter executed between us, with an effective date of March 10, 2021 is requesting to be changed as follows:

Continuation of Project Manager services – Service extension of <u>One Hundred Twenty-Three (123)</u> Additional days: July 1, 2022 – October 31, 2022 for a Total Fee of <u>\$35,152.00</u>. See attached Draw Schedule.

As a result of the above-described change, the Owner's Representative compensation and completion dates are adjusted as mentioned above and as follows:

COMPENSATION FOR ADDITIONAL SERVICES: This Change Order incorporates, by reference, the terms and conditions of the **Professional Service Agreement – Project Management** dated March 10, 2021 between Cumming Management Group, Inc. "Consultant" and Jasper County "Client". The Client hereby agrees to pay the Consultant as follows:

Last Adjusted Compensation for Services: \$ 130,677.00
This ASR Increase Based on Detail Above: \$ 35,152.00
Expenses (approx.) \$ 00.00
Revised Compensation: \$ 168,829.00

Consultant's authorized signature below evidences agreement with the terms contained herein including, but not limited to, the adjustment in the compensation for Work and completion dates. The Consultant agrees that revisions in the compensation for Services and the completion date constitute complete and final adjustment to the Agreement for all services and Reimbursable Expenses in any way associated with the changes described above and any work that may be affected by these changes.

CLIENT – Jasper County

CONSULTANT – Cumming Management

Group, Inc.

By:

Title:

Signature:

Title

Signature

# AGENDA ITEM: IX

New Business item B



#### **Woods Dendy Architects, LLC**

893 Grays Highway Ridgeland, SC 29936 P 843-726-6730

JULY 27, 2022

Jessica Daily Lowcountry COG

CC: Tina Thomas, CDGB Grants Administrator

Ref:

Marsh Cove Fire Station 4820 Low Country Dr. Ridgeland, SC. 29936

Dear Jessica,

Attached is our contractors change order request #8 that will be change order #6. We are requesting a simultaneous review by Low Country and CDBG to prevent a delay in the completion of the project. The requested amount of \$16,189.00 are reasonable costs and within market value.

The scope of work includes a fire suppression system certified water tank that is designed to NFPA 24. 2016 requirements and designed by DLP Fire Protection Group, LLC, and their engineer of record Mr. Russell Armstrong, PE. In order to obtain a certified tank as required by LLR the state fire suppression authority having jurisdiction the costs are required. Also included in this request is a reconciliation of the contract allowance of \$3,500 for a septic tank system. Back up documents are included for your approval

If you have any questions, you may contact me at our office.

Regards,

Thomas Henry Woods Dendy Architects, LLC 893 Grays Highway Ridgeland, SC 29936 O: (843)726-6730 PEVIEWED COPY



9521 Hwy 301 South Stateshoro, Georgia 30458 Phone: (912) 988-8934

#### INITIATED BY:

ARCHITECT

CONSTRUCTION MANGER

OWNER

CONTRACTOR

#### **CHANGE ORDER**

#### OWNER:

Marsh Cove Fire Station 4820 Low Country Drive Ridgeland, SC 29936

CHANGE ORDER NO: C2110-08 COR #8 R1

**DATE: 07/25/22** 

PROJECT NOS: C2110

**CONTRACT FOR:** Marsh Cove Fire Station CONTRACT DATE: November 25th, 2020

#### TO CONTRACTOR:

C. Merrill Construction 9521 Hwy 301 South Statesboro, GA 30458

X ATTACHMENTS INCLUDED:

#### You are hereby directed to make the following change(s) in this Contract:

This COR is for the additional cost associated with the NFPA-22 Tank required for the fire suppression system. The second item is for the cost of the septic system over the bid day allowance.

ADJUST  I. The proposed basis of adjustment to the Price is:  Lump sum increase of \$\frac{16.189}{2}\$  Price of \$\frac{16.189}{2}\$	e Contract Sum or Guaranteed Maximum	Signature by the Contractor indicates the Contractor's agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this Construction Change Directive.		
Design Fee of \$	-	CONTRACTOR C. Merrill Construction		
2. The Contract Time is proposed to remain unchanged The proposed adjustment, if any, is (an increase of 90 trays)		Address 9521 Hwy. 301 S. <u>Statesboro, GA 30458</u> Bydeff May		
When signed by the Owner, Construction Manager and Change Directive (CCD), and the Contractor shall proc Jasper County Council	Architect and received by the Contractor, this docume ced with the change(s) described above.  N/A	Date		
OWNER	CONSTRUCTION MANAGER	Woods Dendy Architects, LLC ARCHITECT		
1509 Grays Hwy. Ridgeland, SC 29936	CONTROCTION MANAGER	893 Grays Hwy, Ridgeland, SC 29936		
Address	Address	Address		
By Kımberely Burgess	Ву	By Thomas Henry		
Date	Date	Date		



#### C. MERRILL CONSTRUCTION

9521 Hwy 301 South Statesboro, Georgia 30458 Phone (912) 938-8914

#### INITIATED BY



CONSTRUCTION MANGER

OWNER

CONTRACTOR

#### **CHANGE ORDER**

#### OWNER:

Minsh Cove Fire Station 4929 Low Country Drive redgetand, SC 29936

CHANGE ORDER NO: 77110-98

DATE: 07/25/22

PROJECT NOS (2110

CONTRACT FOR: Mitişti tovo Fite Station CONTRACT DATE: Nevember 25ts 2020

Address

Date

By Hiomas Hemy

#### TO CONTRACTOR:

Metall Construction 21.21 Hwy 10 i South Statesbury A 19458

By Kimberely Burgess

Date

#### You are hereby directed to make the following change(s) in this Contract:

Ву

Date

This COR is for the additional cost associated with the NFPA-22 Fack required for the file suppression system. The second item is for the cost of the solitic system over the bild day allowance.

ADJUSTMENTS  The proposed basis of adjustment to the Contract Sum or Guaranteed Maximum Price is:  Lump sum increase of \$\frac{16,189,00}{16,189,00}\$ Unit  Price of \$\frac{16,189,00}{16,189,00}\$  The Contract Time is proposed to remain unchanged. The proposed adjustment, if any, is (an increase of \$\frac{1}{2}\$ thays)		Signature by the Contractor indicates the Contractor's agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this Construction Change Directive.  William C Blad CFO CONTRACTOR  C. Marrie Construction  Address  9521 Hvy, 30: S. Sintesborg, GA 39458  By Act Mar.	
a a a a a a a a a a a a a a a a a a a	nd Architect and received by the Contractor, this docume need with the change(s) described above	Date 07/25/72 int becomes effective IMMEDIATELY as a Construction	
Jasper County Council	N-A	Woods Dendy Architects, LLC	
OWNER 1509 Grays Hwy Ridgeland, SC 29936	CONSTRUCTION MANAGER	ARCHITECT 893 Grays Hwy, Ridgeland, SC 29934	
Address	Address	Address	

FORM APPROVED OMB NO. 0575-0042

	_				
ORDER COR-0	NO. 8				
DATE 07-25-	2022				
STATE	South	Car	oli	na	
COUNTY	/ _				

#### Form RD 1924-7 UNITED STATES DEPARTMENT OF AGRICULTURE RURAL DEVELOPMENT AND (Rev. 2-97) **FARM SERVICE AGENCY CONTRACT CHANGE ORDER** CONTRACT FOR Jasper Marsh Cove Fire Station OWNER Jasper County C. Merrill Construction, LLC (Contractor) You are hereby requested to comply with the following changes from the contract plans and specifications: **Description of Changes DECREASE INCREASE** (Supplemental Plans and Specifications Attached) in Contract Price in Contract Price Please see attched breadown for COR-08 16, 189.00 0.00 TOTALS | S -16, 189.00 0.00 16, 189.00 NET CHANGE IN CONTRACT PRICE | S JUSTIFICATION: Changes to CMC Scope of Work The amount of the Contract will be (Decreased) (Incurased) By The Sum Of: Dollars (\$ 16.189.00 ). The Contract Total Including this and previous Change Orders Will Be: Dollars (\$ The Contract Period Provided for Completion Will Be (Increased) (Decreased) (Unchanged): 90 Days. This document will become a supplement to the contract and all provisions will apply hereto. Requested (Owner) (Date) Recommended (Owner's ArchitecyEngineer) (Date) Accepted (Contractor) Approved by Agency\_

(Name and Title) (Date) According to the Papers ork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of info Accounted to one i superment activation act of 1999, an agency may not consider a spinorar, one a present is now required to respect to each consideration of the value of the value of the constraint with the superment of the value of the value of the control master for this afterward to average 15 and per response, including the time for reviewing instructions, securiting existing that sources, gathering and transmitting the state received, and completing and reviewing the value of the control of

	ORIGINAL	-BORROVE	RS C	ASE F	OLDER
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COPY-CONTRACTOR
COPY-BORROWER

POSITION 6

Form RD 1924-7 (Rev. 2-97)

C. Merrill Construction, LLC.

P.O. Box 3008

Statesboro, GA 30459 Phone: (912) 988-8934



#### **COR-008 Marsh Cove Changes**

PROJECT:

Marsh Cove Fire Station

**ENGINEER: CUSTOMER:** Jasper County

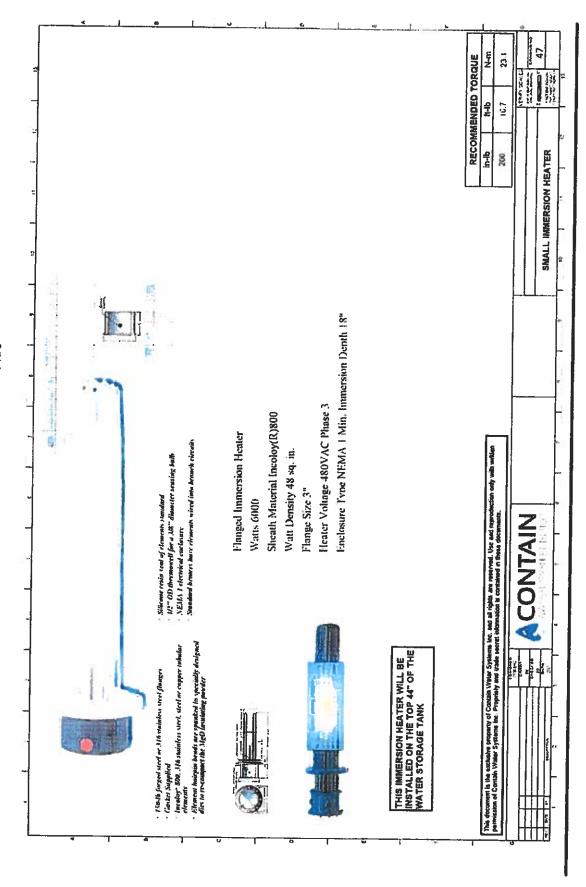
Woods Deny

DATE:

07//25/2022

Ukon	DESCRIPTION	COST
	Fire Suppression System Upgrades DLP Fire Protection Revised Quote for NFPA-22 Certified Tank	TANKE THE PARTY OF
1.	DLP Fire Protection Revised Quote for NFPA-22 Certified Tank	9,423.00
2.	Bid Day Allowance for the Septic Tank	-3,500.00
3.	Low Country Septic Tanks Quote	10,266.00
_		

7/19/22, 3:28 PM





2935 Argent Blvd Ridgeland, SC 29936 Phone: 843 290 1965 steve@dipfire.com

July 19, 2022

Jeff May, Project Manager C. Merrill Construction, LLC 9521 US Highway 301 South Statesboro, GA 30458

Project: Marsh Cove Fire Station - Budget Adjustments

Jeff,

I am addressing the budget adjustments for additional costs caused by the following: delays in ordering materials, costs for designing the project, and substituting a UL approved fire system water storage tank that is NFPA 22 compliant (Tank Depot) for the original budgeted water tank (Pioneer) because, notwithstanding manufacturer's representations, that tank does not satisfy IBC and NFPA requirements.

The cost for the water storage tank, including installation, certification, warranty, and installing heat tracing on the line to the pump. (The line to pump will need to be insulated and an electrician will need to connect	
the heat tracing line.)	\$81,730.00
Fire Pump Increase:	\$ 6,992.00
Fire Pump Materials for Installation:	\$ 1,929.00
Materials Increase 25%+:	~\$1,400.00
Fabrication Increase 25%+	~\$ 750.00
Design Costs Increase:	\$ 5,520.00

Credit for Deleted Dry Pipe Valve System for Attic:

(\$5,000.00)

Total:

\$93,320.00

Stephen Carter



#### Jeff May <jeff@cmerrillconstruction.com>

#### **Tank Quote**

Steve Carter <Steve@dlpfire.com>

To: Jeff May <jeff@cmerrillconstruction.com>

Tue, Jul 19, 2022 at 10:54 AM

------ Forwarded message -----

From: Ryan Cottle - TD <rcottle@tank-deput.com>

Date: Tue, Jul 19, 2022 at 10:06 AM

Subject: Re: Tank Quote

To: Steve Carter < Steve@dipfire.com >

Hey Steve,

Below is pricing for the immersion heater and optional insulation. Attached is the standard NFPA engineering certification for our tanks. Let me know if you need anything else to get this going.

Immersion Heater Option: \$5,350.00 (not included in quotation) Insulation Option: \$6,280.00 (not included in quotation)

Thank You,

#### **Ryan Cottle**

Industrial Sales Manager



Quote #: CWSI-16421

#### Model 2403D- NFPA-22- SC - Jasper County 07/11/2022

Prepared for: Jeff May 912-536-1615 jef@cmerrillconstruction.com

Prepared by:

Ryan Cottle





#### **Quote Number:**

#### Introduction

CWSI appreciates the opportunity to provide you with the following proposal for your upcoming project. At CWSI we approach every request for information and quote as an opportunity to earn your business, and want to be sure we understand your needs and the challenges you face with your project.

Project Summary & Scope of Work:

For a more detailed description of activities please refer to this proposal.

We look forward to answering any questions you may have after reviewing this proposal and would welcome the opportunity to schedule the production of the quoted equipment at your direction. Should you have any questions or require any additional information please don't hesitate to contact us.

Sincerely,

Ryan Cottle roottle@tank-depot.com 682-255-1805

#### **Pricing & Product Description**

Item & Description	Qty
2403D Corrugated Steel Water Tank with Dome Roof: 36633 Gallons 33,903 useable gallons with 12" freeboard	3:1
24" Menway Hatch	1
30"x30" Side Wali Access	2
Liquid Level Indicator W / Site Wire Guide.	1
16" GOOSNECK ROOF VENT	1
3 Tier Tank: Exterior Wall Ledder (OSHA Rated) W / Hardware Components.	1
Fall Arrest 3 TIER includes all tank Fall Protection System hardware for a single tank	1
Exterior Wall Ladder Block-Off Door Assembly	1
3 Tier: Interior Wall Ladder W / Safety Foot Climb Device	1
6" Internal Carbon Steel (PC) Anti Vortex Assembly (Flange incd.)	1
6" 150 Pounds FL: 6"150 Pounds RF threaded flange A105 Companion Flange	1
4" Metal Flange Penetration Kit Grooved overflow	1
2* (NPT) Metal Flange Penetration Kit NPT THREADED Inlet/Drain- Sample Port-Drain	2
Notes for Quote: Flat Bed Truck- Customer to Unload	
NC wet stamped engineering packet: \$6,200.00 (not included in quotation)	

Exterior pipes and fire department connections not included in quotation

Product Total \$44,165.00

Sales Tax

Paid Amount

Froight \$3,720.00

instal	lation
--------	--------

\$12,155,00

Grand Total ( NON PREVAILING WAGE/NON UNION)

\$60,040.00

Notes for Quote:

Proposal Valid Until: 07/23/2022

#### **Quote Number:**

#### Terms & Conditions

1. Engineering & Seismic:

Estimation exceeds AWWA D103-09 Codes & Standards (American Water Works Association - Standards for bolted steel tanks).

CWSI estimations are in compliance with all OSHA Codes & Standards, Seismic Zones 4D (most stringent) ASCE
 Structural design considerations, 165 MPH Wind Rating. 30 PSF Live Roof Loads. Designed to IBC 2015.NBC 2015, NSF
 61 / ANSI Standards are also included.

2. Assembly:

Tanks to be field erected on customer supplied foundation. Engineering & design by others.

BY CMC

Foundation recommendations are available from CWS.

 Water must be provided for the leak test at the expense of the customer. Water for the leak test should be considered as a part of the installation cost. If water is not made available to fill the tank immediately upon completion of the construction than the client will be responsible for re-mob costs for the repair.

The client is responsible for providing two fill cycles totaling 80% of the tanks capacity each - if required.

· Please visit the following link for additional information:

Http://www.containwatersystems.com/pdf/terms/000%20Water%20Tank%20Operation%20Man uai.pdf

3. Disinfection & Sterilization Compliance

CWSI is installing a NSF 61 Approved Potable Water Liner, however, all potable systems must be disinfected prior to use. Without proper disinfecting within a 72 hour period the liner is no longer considered NSF 61 / ANSI Potable compliant.

Additionally, all potable water storage tank customers must consult with a professional conveyance contractor to include U.V sterilization, chlorine rinse upon initial use, water circulation system, aerator and ozone generator. Without a proper system in place as mentioned above - this water storage tank is not considered compliant with NSF 61 / ANSI Potable Water Storage Standards and should not be used for human, animal or food irrigation BY CMC consumption. Contain Water Systems Inc provides a NSF 61 Potable Water Storage Tank but cannot guarantee the quality of water added nor the usability of the water without the proper conveyances listed above.

CWSI is quoting a storage (tank) not a storage (system). A storage system encompasses external and internal
conveyances that should be reviewed and approved by the customer to ensure its compliance & performance.

In the event that CWSI supplies (ANY) external or interior conveyance equipment, it is the responsibility of the client to confirm its performance metrics and its code compliancy.

#### 4. Warranty

- 20 year Manufacturer's Structural Warranty on materials and workmanship when assembled by CWSI or certified
  experts.
  - 12 month Manufacturer's Workmanship Warranty when assembled by CWSI or certified experts.
  - 1 year structural warranties are available for tanks sold as supply only and installed by others.
- All Contain Water Tanks are installed as per manufactures installation instructions and therefore a Water Test and a Sign Off by the customer are required at the completion of the installation with the understanding the water tank has been installed to the best of CWS's ability and within the guidelines set out by the manufacture.
- Further mobilizations to site for potential Warranty work will be as per standard warranty description guidelines.
- Please review the following link for our warranty inclusions/exclusions/terms:

http://www.contairwatersystems.com/pd/rerms/000%26Water%20Tank%20Warranly.pdf

#### 5. Tank Specifications

See attached Scope and Specification sheet. If a specification sheet is not included in this proposal than the body of this proposal becomes the governing material description driver.

#### 6. Special Notes:

- Permits, soils testing, foundation engineering, or inspections if required, are not included in this proposal unless otherwise stated.

  BY CMC
- Any products or services not specifically mentioned in this proposal shall be the responsibility of others.
- The above offering is based on supplying equipment in accordance with the Standard Terms and Conditions of Sale, which are to be considered a part of this proposal. Contain is providing this quote as a good faith estimate to product sizes and quantities, it is the responsibility of the customer to ensure that they are correct.
- CWSI is quoting a storage (tank) not a storage (system). A storage system encompasses external and internal conveyances that should be reviewed and approved by the customer to ensure its compliance & performance. In the even that CWSI supplies (ANY) external or interior conveyance equipment, it is the responsibility of the client to confirm its performance metrics and its code compliancy.
- 7. Payment Terms: 50% down/ Remaining balance required prior to installation of tank
- Please view all of our terms, conditions, warranties and important information packets by following the below link: http://www.containwajersystems.com/terms.php

#### 8. Lead Times:

- Engineering: 3-4 Weeks
- Tank Manufacturing: 3-4 Weeks
- Assembly Start: 3-4 Weeks

#### 9. Shipping & Handling:

The above equipment is quoted FOB: estimated freight quotes may vary and will be billed for at the actual cost at the time of shipping.

BY CMC

#### 10. Exclusions:

- Our proposed pricing and schedule does not include for any delays due to causes outside CWS's complete control, including but not limited to force majeure, strikes, political conditions, and weather. If we encounter any delays, the schedule will be adjusted and costs for delays will be reimbursed to CWS at the applicable T&M rates.
- This Contract does not include unloading, hauling, grouting, or washing, painting (other than touch-up on erection scratches), welding, load lines or other systems installation unless stated as being included. The responsibilities of CWS Bolted Tank will not include liability for demurrage. All licenses, fees, permits, taxes or any items or services not specifically mentioned are excluded. CWS will not be responsible for damage to personnel, automobiles, or machines within 100 feet of erection site.
- Any items or specifications not specifically mentioned above are not a part of this quotation. This quotation represents our complete offering. If there are any conflicts between your requirements or the plans and specifications and what we have quoted, our quotation shall govern.
- Material pricing here within, after the quote valid until date, will be subject to Producing Mill Increase or Decrease and any applicable increase or decrease of material surcharges at the time of order placement from the Producing Mill or Steel Supplier. \* Unless otherwise noted, CWS has quoted our standard design, fabrication, accessories (perimeter handralls, ladders, etc.) and coalings. \* Pricing does not include piping, valves, brackets, or elbows (other than interior fill & overflow to grade) unless specifically mentioned in accessories area. Any pipes supplied by CWS will not have coating applied to the interior of the pipe. \* All electrical, wiring and calibration by others. \* This quote does not include disinfection at jobsite, unless otherwise noted. \* No bonds, permits, sales and/or use tax included. \* LIQUIDATED DAMAGES WILL NOT BE ACCEPTED.

#### 11. Buyer's Responsibility:

- Buyer will ensure all operations are continuous, scheduled and completed in accordance with suggested sequence throughout erection and finishing with a completed water test and inspection. CWS will not be liable for any reason whatsoever for any indirect, incidental, special or consequential damages.
- The Buyer will obtain insurance and indemnify CWS against loss by fire, lightning, removal, and all extended coverage perils, theft, vandalism, and malicious mischief, earthquake,

negligence, breach of contract and any other insurance which the Buyer deems necessary upon the work covered by the Contract, for the full insurable value thereof. Additional expense by theft will be reimbursed to CWS by Buyer. Cost of security guards, if required, to be paid by Buyer. CWS is to be named as an additional insured and a certificate of insurance is to be provided at the time the order is agreed upon.

BY CMC

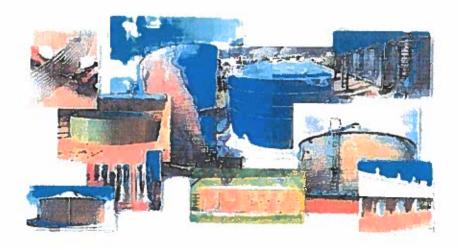
#### 12. Cancellation of Order

All orders cancelled within 30 days of order placement will be subject to a 10% cancellation charge. Orders cancelled after 30 days will be subject to a cancellation charge of 10%, or the proportionate share of the contract amount performed to date, whichever is greater. Cancellation must be received in writing, either physically or electronically.

- We reserve the right to delay tank erection if payment on tank invoice is not paid in accordance with stated terms. Maximum retainage allowed is 5% of materials and construction
- retainage amount to be paid in full 45 days from date of substantial completion. All terms of payment are subject to approval by our Credit Department. Absolutely NO "pay when paid" terms. Past Due invoices will be charged a service charge of 1.5% per month. Please sign, date and return to roottle@tank-depot.com to place an order for this quote

Auth	orized	Siona	ature:

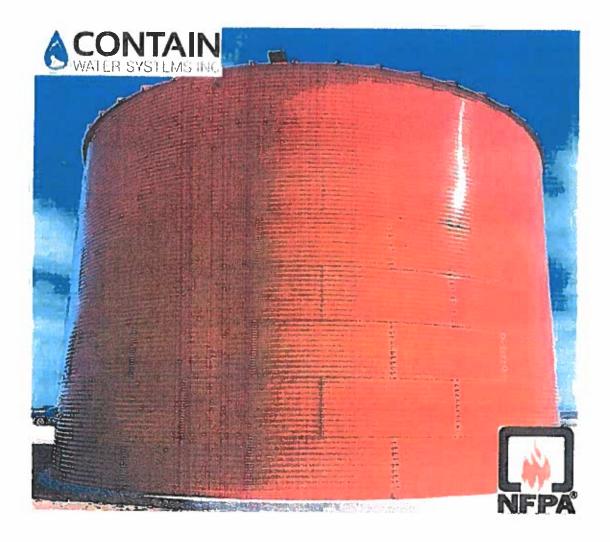






### CONTAIN WATER SYSTEMS INC. NFPA 22 FIRE PROTECTION WATER STORAGE TANK CERTIFICATION





#### Memo

Attention: Users of Contain Water Systems Inc. Corrugated Steel Fire Protection Water Storage Tanks.

Date: 09.15.2019

Regarding: Corrugated Steel NFPA 22 Fire Protection Water Storage Tanks.

#### Contain Water Systems Inc. prospective clients,

Contain Water Systems Inc. hereinafter referred to as CWS, has been asked about our compliancy with NFPA 22 in regards to our corrugated steel NFPA 22 fire protection line of water storage tanks.

- CWS has included an engineer's stamped statement confirming our compliancy with NFPA 22 fire protection water storage tanks.
- CWS has included a statement from Mr. David Prague, whom is a board member from the NFPA
   22 committee & whom has certified corrugated steel fire protection water storage tanks as compliant with NFPA
   22 requirements.
- CWS has included an engineers stamped calculation package evidencing CWS's water storage tanks design exceeding the standards put forth from the American Water Works Association & NFPA 22.
- CWS has included an engineer's stamped NFPA 22 foundation design.

#### \*\*\*NOTE\*\*\*

(AWWA) "American Water Works Association" is a prominent design "recommendation".

AWWA is not a governing design code nor is it a governing design authority.

AWWA heavily relies upon ASCE building codes for large building structures. (ASCE7-14).

ASCE (IS IN FACT) a governing design authority and CWS water storage tanks are in full compliancy with ASCE.

If there is any doubt as to the compliancy of Contain Water Systems Inc. corrugated steel fire protection water storage tanks meeting NFPA 22 requirements. CWS can stamp, seal and authenticate our corrugated steel fire protection water storage tank designs with a PE's stamp & seal in all states as well as provinces throughout North America.

PROVIDE FOR SOUTH CAROLINA

#### **ENGINEERS STAMPED STATEMENT**



Date: From:

September 11, 2019 Justin Naguit, Westeel

Regarding:

Water Tank Design Considerations

In response to inquines regarding the design of Westeel water ranks

- 1. Standard Westeel Water Tanks are designed for the primary containment of figuids with a specific gravity of less than or equal to 1.00. Designs for higher specific gravities are possible under special consideration. The Westeel steel tank attricture provides the structural integrity required for the specified liquid loads and environmental loads. The actual containment of the liquid is achieved through the use of an integral kner. The steel tank is designed to be compatible with this liner. However the liner specifications, and its compatibility with the stored product, is the responsibility of other manufacturers.
- 2. Westeel Water Tanks are an engineered product and the structural design is conducted by professional Engineers employed by Westeel. The Water Tanks are designed to be in compliance with relevant national codes, most notably the National Building Code (NBC 2010 Edition). In addition, CSA-S18-09 (Design of Steel Structures 2009) and CSA-S136-07 (North American Specification for the Designation of Cold-Formed Steel Structural Members 2007), both of which are compatible with the NBC, are utilized as appropriate. The designs are further enhanced by utilizing relevant sections of ANSI/AWWA D103-09 (American Water Works Association Factory Conted Belted Carbon Steel Tanks for waters Strange 2009) particularly for seismic and wind loading applications. (Note: The AWWA code does not recognize the variability of steel grades within their recommendations. The gauge selection provided within ANSI/AWWA D103-09 (a) is consistent with commonly available hot raffed commercial stool grades and a 2.5 live load factor. Westeel has adjusted the gauge selection to reflect the higher grades of steel commonly associated with golvanized costate steels, and to those utilized by Westeel. Westeel maintains the 2.5 live load factor in their water tank designs... this equation to a total cafety margin in excess of 2.5 times. With the adjustment to reflect higher steel grades, Westeel is compliant with the design requirements provided by ANSI/AWWA D103-09. Further, for the style of bolted water storage tanks that Westeel manufactures. NFPA 22 requires the designs are compliant with the Prelavant sections of AWWA D103-09. As such the Westeel designs are compliant with NFPA 22 requires the designs are compliant with NFPA 22.
- Standard Westeel Water Tanks are designed to withstand maximum horizontal wind speeds of 94 mph (150 km/h) and minimal seismic activity (Seismic Zone 2A UBC -97).
- 1 There is little structural interaction between the Westeel Water Tank itself and the supporting soils. The site should be firm and level, and free of abractive elements or other features that could harm the liner. The site and anchorage must be capable of supporting the loads imposed by the empty water tank, a filled water tank, and the affect of design environmental load conditions. The reaction forces at the anchorage points are available from Westeel. Such considerations are the responsibility of others.

Standard Westeel Water Tanks are not site specific. Special applications are possible if

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provided during the quoting process. For instance seismic designs are generally location specific and are designed accordingly only if the site location is provided as part of the quoting process. Information regarding any specific site requirements, and/or the adherence to local jurisdictional requirements, is the responsibility of others and must be provided to Westeel in order to be considered as part of the design process.

 Westeel employs a multiplicity of wall sheet gauges that are utilized to match the design requirements. Higher salety margins can be readily accommodated if desired by substituting higher capacity wall sheets.

#### Water Tank Specifications

#### A. Wall Sheets

- 44" x 112.5" wall sheet coverage is standard Comugation is 4" pitch x 7/16" deep
- Wall Sheet material
  - material 17 Ga. and heavier ASTM A653 Grade 50 Class 1 (50,000 psi minimum yield strength, 65,000 psi minimum tensile strength) 18 Ga. and lighter ASTM A653 Grade 40 (40,000 psi minimum yield strength, 55,000 psi minimum tensile strength)

#### B. Galvanizino

- All galvanized components are coated to ASTM A853
- The Zinc coating is Z350 (G115) for a minimum coating of 1.15 oz/sq

#### C. Hardware

- All structural bolts are Gr. 8.2 as per SAE J429 Water tank wall sheet bolts have slotted round heads for ease of installation and minimal interaction with the liner
- Bolts are zinc dichromate coated with JS500 surface neutralizer for longer life

#### D. Accessories

- Westeel employs several accessories to meet a multitude of applications. Some special applications are noted as follows.

  o Westeel steel anti-vortex assemblies meet the requirements of NFPA 22

Regards,

Justin Naguk, P. Eng. Intermediate Designer - Water Storage AGI Westeel Winnipeg, MB

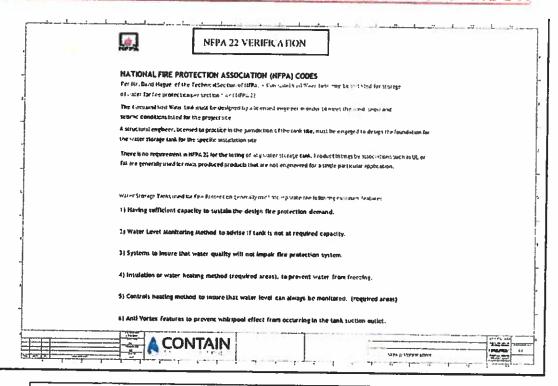
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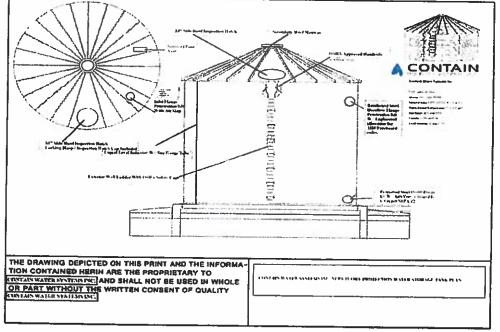
CMC TO CONFIRM US REGISTRATION FOR ENGINEER

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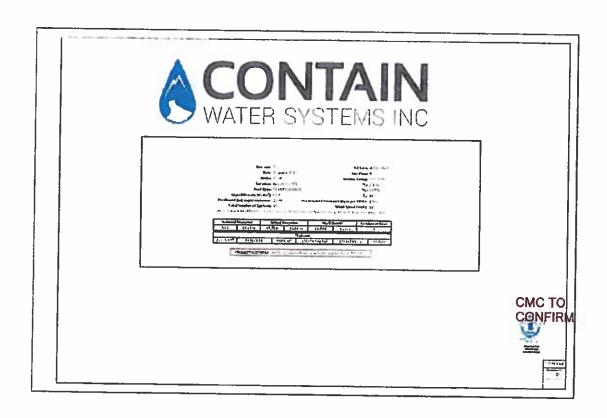


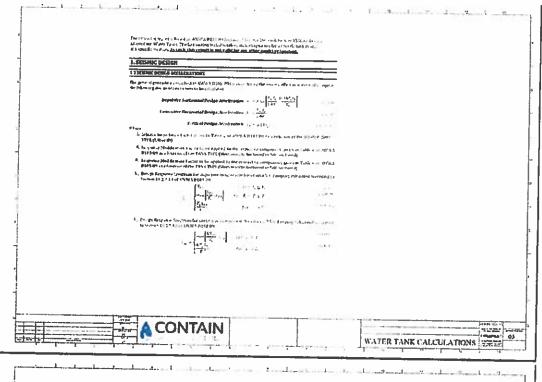
#### STATEMENT FROM NFPA 22 TECHNICAL ADVISOR

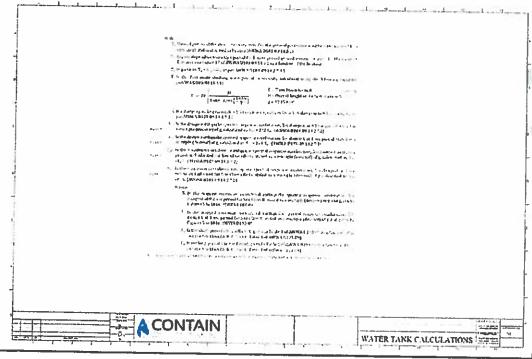


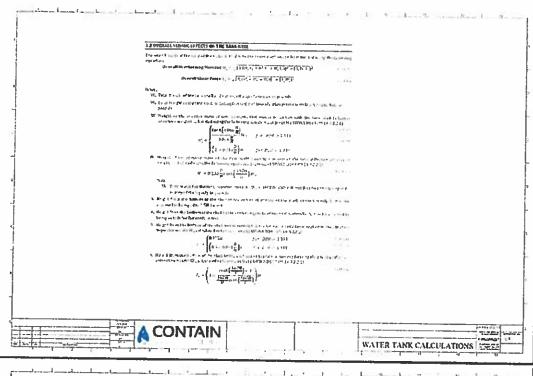


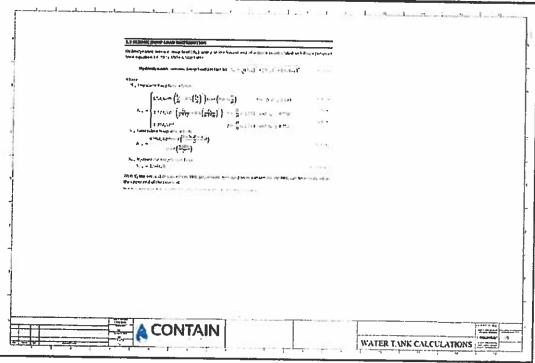
#### **ENGINEERS STAMPED STRUCTURAL CALCULATIONS**

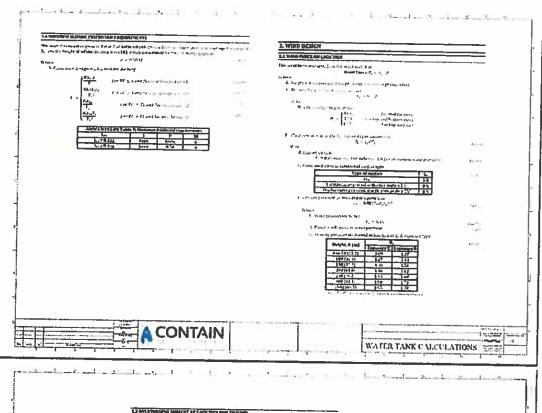


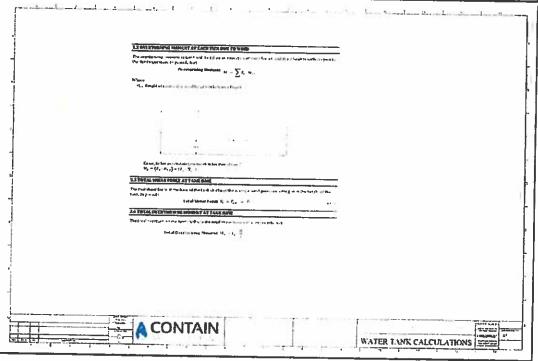


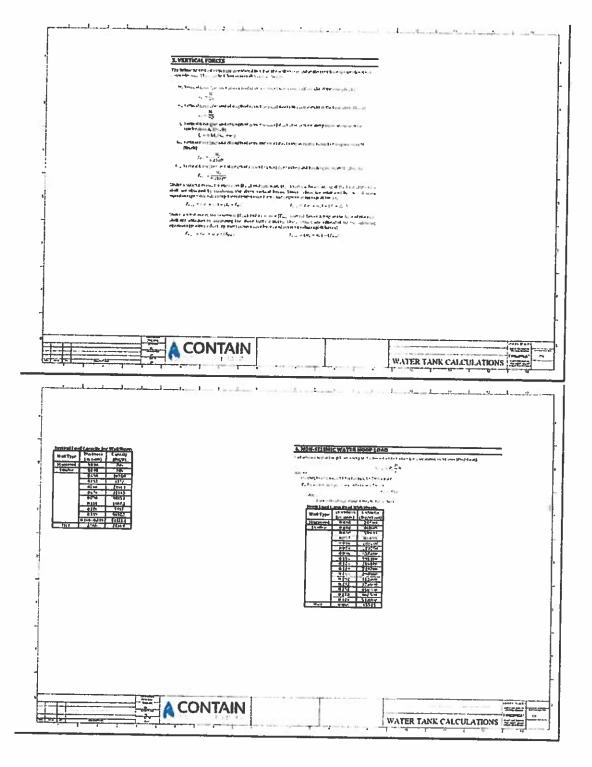


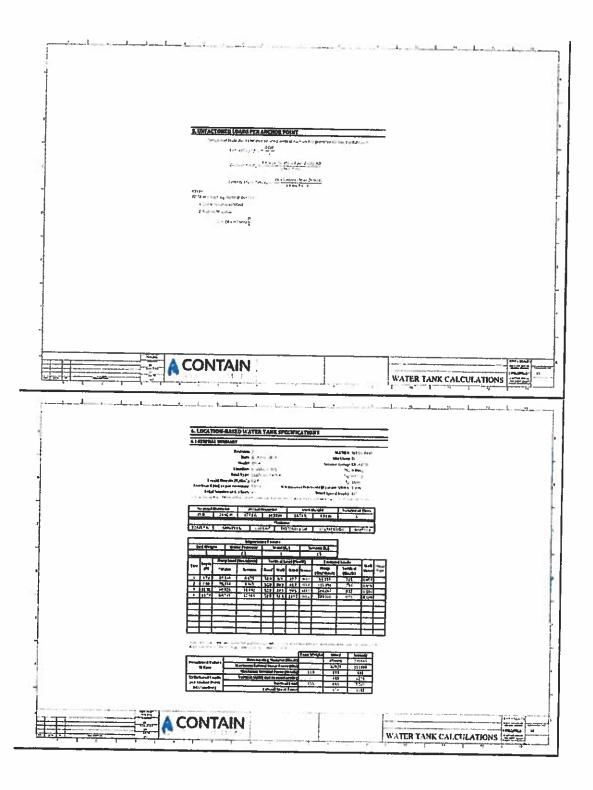


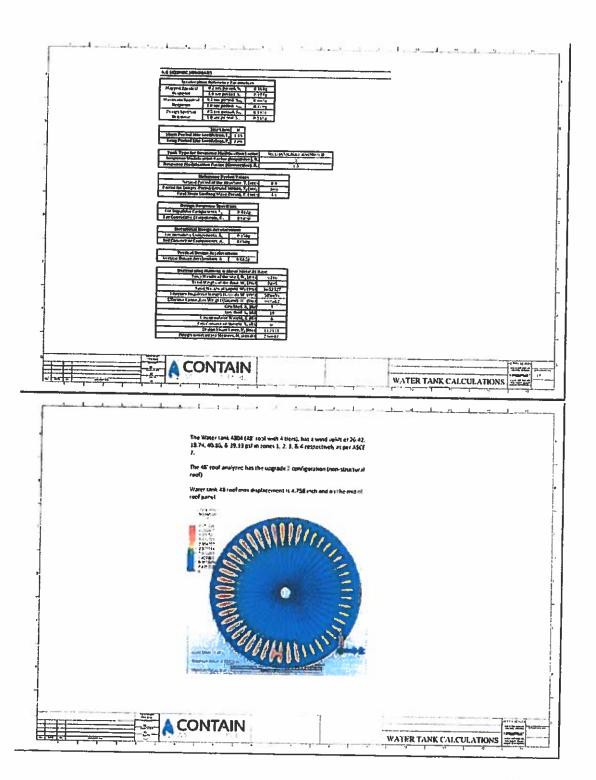


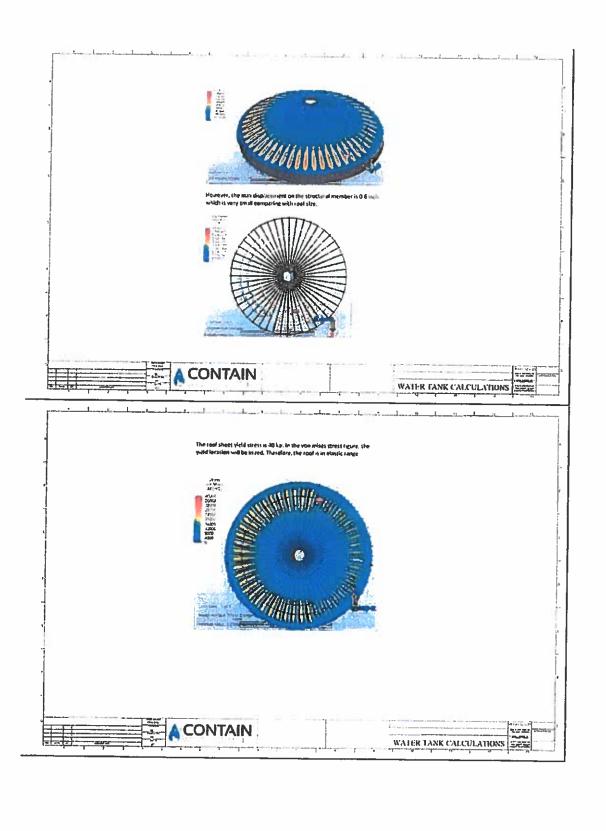


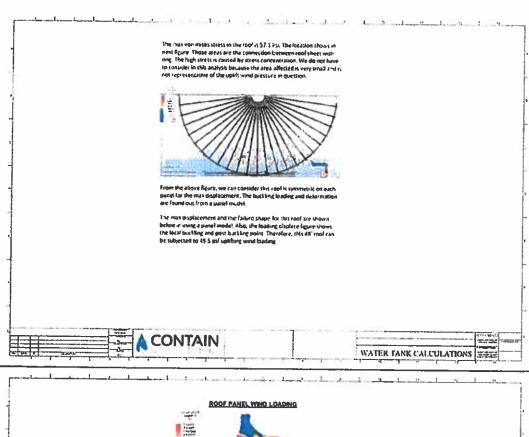


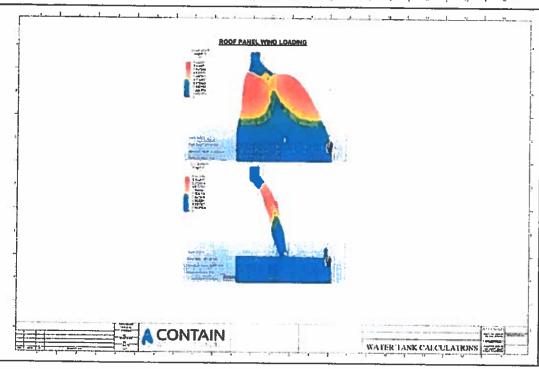


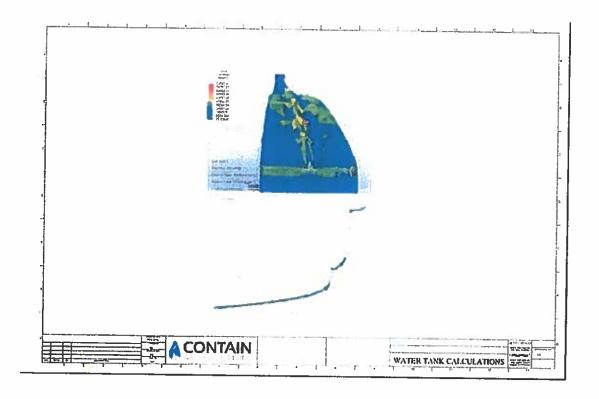




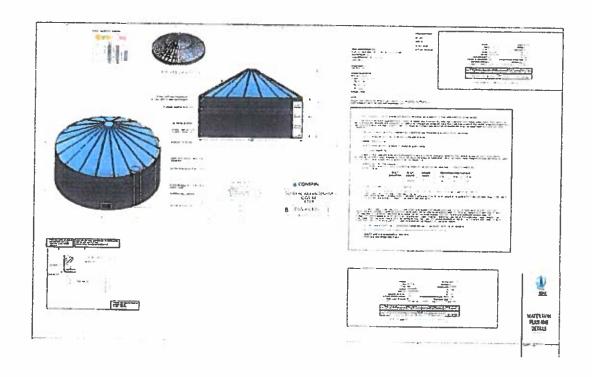




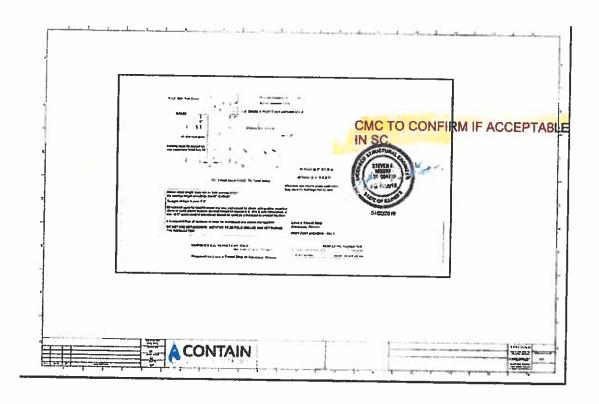


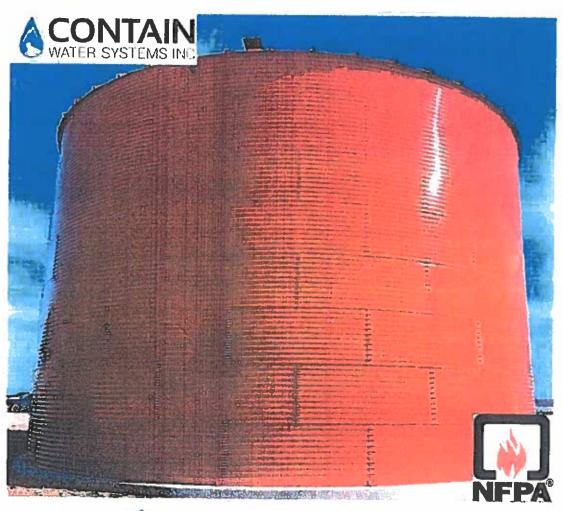


#### **ENGINEERS STAMPED WATER TANK GA**



**ENGINEERS STAMPED NFPA 22 TANK FOUNDATION** 









Septic Works of the Lowcountry 36 Clarendon Road Savannah, GA 31410 Phone: 912-856-6915

Quote for: Jasper County Emergency Service

4820 Low Country Drive Ridgeland, SC 29936

ltem	Description of Service	Quantity
Septic Tank	1,000 Gallon Concrete Septic Tank	1
Drainfield	200 ft. of Multi-pipe for Drainfield	200 ft.
Miscellaneous Supplies	Miscellaneous Supplies	
Equipment	Equipment	
Labor	Labor	16
Septic Sand	Sand Sand for cover and Delivery	3 truckloads
Complete Drainfield	Complete drainfield: installed inspected and covered	<del></del>

Total: \$9,550.50

- Since prices are constantly rising, this quote is only good for one month before we have to check prices again.
- The cost of additional state approved septic sand is not covered in this estimate. If needed, the add on cost will be 300.00 per truck load.
- We fully warranty our products and work well after installation and the manufacturer warranty.
- Septic Works of the Lowcountry is not responsible for damage to concrete sidewalks and sprinklers.

Jasper County is an Equal Opportunity Employer. <u>Special Accommodations Available Upon Request to individuals with Disabilities by calling (843) 717-3696 or (843) 717-3690.</u> This email message contains confidential and/or privileged information that is intended solely for the addressee. If you have received this message in error, please notify us by return email, and delete it from your system. Reading, copying or disseminating this message is strictly prohibited.

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Thomas Henry <thenry@woodsdendy.com>

Fri, Jul 29, 2022 at 8:33 AM

To: chris merrill <chris@cmerrillconstruction.com>

Cc: Grady Woods <gwoods@gradywoodsarchitects.com>, Harold Lee <htee@ccorpusa.com>, Russell Wells <rwells@jaspercountysc.gov>, dtedder@jaspercountysc.gov, afulghum@jaspercountysc.gov, Kimberly Burgess <kburgess@jaspercountysc.gov>

#### Chris

Can you confirm the items on the attached review shown in red. We can't and will not approve without your confirmation as this is final.

#### Regards

Thomas
[Quoted text hidden]



Mrsh Cove COR-008 R1Combined 28 JULY 22.pdf 9766K

chris merrill <chris@cmerrillconstruction.com>
To: Thomas Henry <thenry@woodsdendy.com>

Fri, Jul 29, 2022 at 9:54 AM

Yes we can confirm all items noted are addressed by CMC and our subcontractors.

[Quoted text hidden]