



Water Pollution Control Plant  
1202 Musser Street  
Muscatine IA 52761-1645  
(563) 263-2752  
Fax (563) 263-3720

MEMORANDUM

WATER & RESOURCE RECOVERY FACILITY

To: Greg Jenkins, Interim City Administrator

CC: Nancy Lueck, Finance Director  
Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: July 31, 2020

Re: Harbor Dredging Geo Bags Purchase

**INTRODUCTION:** The Water and Resource Recovery Facility (WRRF) staff have received two quotes for the purchase of ten new geo-synthetic bags for the harbor dredging operations and digester cleaning. The low bid for was from Geo Synthetics, Inc. at a cost of \$28,490.00.

**BUDGET:** \$30,000.00 was budgeted for this purchase.

**BACKGROUND:** The WRRF runs the dredging operations for the harbor annually or as needed. Solids coming from the river fill the entrance and other areas of the harbor making it difficult for boats to enter or exit. Once the material is removed, the dredged spoils are pumped along the riverfront in underground piping to large bags at the old Hawkeye Lumber site now owned by the City. These bags are 150 feet long and 45 feet around and are made of a special material that allows the water to weep out yet contain the dredged material. Once the spoils have dried, Public Works removes the material for use as fill dirt. Eight bags are used so that four bags can be filling while four are draining making the operation more efficient and cutting time spent on dredging operations in half. Ten bags are being purchased so that two may be used to dewater material from the old digesters for the Digester Rehabilitation Project. The other quote received was from TenCate for \$34,446.00. Another quote was requested from the only other known vendor but was not submitted after multiple requests.

The dredge bags take weeks to arrive and we are starting to dredge in the next few weeks. We have some on hand but need these to complete a full season of dredging. The Digester Rehabilitation Project will be starting to clean the old digesters in the coming weeks as well.

**RECOMMENDATION/RATIONALE:** Staff recommends issuing a purchase order to Geo Synthetics, Inc. in the amount of \$28,490.00 for the purchase of ten 150' by 45' geo-synthetic bags.

**BACKGROUND:** Two quotes (quote from TenCate states 8 bags)

**To:**  
**Ron Lacina**  
**City of Muscatine**  
 1202 Mussr Street  
 Muscatine, IA 52761

**Phone** (563)263-2752

**Project Name** Geotextile Tubes

**Location** Muscatine, IA



a Babcock Power Inc. company

**Quote Number GSIQ14223**

**Date** 7/7/2020  
**GSI Contact** Robbie Keefover  
**Phone** 262-548-5831  
**E-Mail** rkeefover@gsibp.com

**Proposal For Material Only**

Geo-Synthetics Systems, LLC, hereafter referred to as the Seller, has based the proposed prices upon all quantities listed in the proposal. Should Buyer modify this proposal in any way, the Seller will not be bound to this proposal. Revised proposals will only be issued by the Seller.

Item	Description	Qty	UM	Unit \$	Total
TGTUBET45150	Geostrux Tan Geotextile Tube, 45' x 150', 2 Ports	10	EA	\$2,770.00	\$27,700.00
FRT	Estimated Freight - dedicated flatbed	1	LS	\$790.00	\$790.00

**\*Customer would only like 2 ports. Leave the middle port out.**  
**\*Customer closes at 3:30pm. All deliveries must be made prior.**

**PRICES ARE VALID FOR 30 DAYS FROM DATE OF PROPOSAL** **Quote Total \$28,490.00**

**Remarks / Special Instructions**

**FOB:** GSI

\*Payment Terms Net 30 Days

\*Plus tax if applicable

\*Tax exempt forms must be submitted before or at time of order

\*Price is subject to increase in the event of an increase of more than 3% in resin pricing.

**\*ACCEPTANCE. Order will be processed once a signed proposal is returned to GSI**

WE HEREBY ORDER the required material at the above unit price(s) and upon all terms and conditions contained herein. It is also agreed that a facsimile copy of this Proposal signed by both parties will constitute a legal and binding contract.

By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



TenCate Geotube  
 3680 Mount Olive Road  
 Commerce, GA 30529  
 Phone: 706-693-1897 Fax: 706-693-1896  
[www.geotube.com](http://www.geotube.com)



Proposal Number: 7-10-2020-1MI  
 Date: July 10 2020

**Billing Address:**

Attention:	James Allen
Company:	City of Muscatine Iowa
Address:	
City, State, Zip:	Muscatine Iowa

**Ship to Address:**

Attention:	James Allen
Company:	City of Muscatine Iowa
Address:	
City, State, Zip:	Nazerth, PA

Project Name:	City of Muscatine
Project Description:	Dewatering
From:	Michelle Rioux
cc:	Teresa Meeks

Item Description	Size Circ X Length	ApproxQuantity/ unit of Measure	Price/unit of sale	# of Units	Price Per USD Ea. / Unit	Total USD
1) Geotube GT500 Geotube Units 45" X 150" L with 2 GP8 Mechanical Fill Ports	45" X 150" L	container	ea.	8	\$ 3,196.00	\$ 25,568.00
						\$ -
3) Freight To Jobsite on Flat Bed Truck			ea.	1	\$ 2,486.00	\$ 2,486.00
<b>Total:</b>						\$ 28,054.00

<b>LTL:</b>	<input type="checkbox"/> Check Box	<b>Dedicated Truck:</b>	<input type="checkbox"/> Check Box	<input checked="" type="checkbox"/> Check Box
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Requested Ship Date: \_\_\_\_\_

Tax Certificate Number is applicable: \_\_\_\_\_

**Note: Please confirm all information, Sign, and fax to above number.**

You may choose to send your own Purchase order or enter your PO # below with you name, signature, and date. Please then fax to 706-693-1896

\_\_\_\_\_  Check Box

PO Number: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Notes:



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Project Name:	City of Muscatine
Project Description:	Dewatering

All items shall be rolled on to 4 inch dia. cardboard cores or 4 inch dia. steel cores.

**Drawings:**

Drawings will be submitted within two working days after receipt of approved purchase order.

**Shipment:**

Shipment: Approximately 21 days ARO and with credit approval.

**Terms & Conditions:**

- 1) Material is sold at unit price(s) shown, multiplied by the quantity actually ordered.
- 2) Unit price(s) shown are valid for project shipping schedule in Truckload quantities
- 3) Shipping terms are FOB Commerce, Ga.
- 4) Unit Prices quoted are exclusive of federal, local and state taxes.
- 5) Payment Terms: 30 days from date of shipment

*Buyers order for this material will be accepted in Commerce, Georgia by TenCate Geotube subject to the approval of the buyer's credit and to such other terms and conditions that are, in the opinion of TenCate Geotube in accordance with good business practice.*

**Certification of Compliance & Materials Warranty:** TenCate warrants that the woven and nonwoven products referenced in the above project shall be free of defects and or poor workmanship at the time of delivery.

No warranty or guarantee, expressed or implied, is made beyond the performance of any product, since the manner of use and handling are beyond our control.

**Disclaimer**

TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.