



STAFF REPORT

DATE: 8/21/2018

REGULAR

ITEM #: 17

MOTION

TO: City Council

FROM: Rob Weldon, Public Works Director

AGENDA ITEM: Construction of new Salt Storage Shed

REVIEWED BY: Kristina Handt, City Administrator
Sue Iverson, Finance Director

BACKGROUND: Included in the 2018 Capital Improvement Plan is the construction of a new Salt Storage Shed at the Public Works Facility. The existing salt storage shed was constructed in 2006 as part of the new Public Works Facility construction project. The current salt storage structure has a capacity to store approximately 400 tons of salt. With the growth of the city and additional lane miles of streets added since 2006 public works is finding it increasingly difficult to keep a sufficient supply of road salt on hand in the winter months. After 4-5 snow fall events salt needs to be ordered to keep a minimal supply on hand. Delivery of a salt order can take up to a week depending on supply and demand of the product and the availability of trucking companies for delivery. In this weeklong time the remaining salt supply can and has dwindled down to the point where salt is borrowed from other communities during snow events and applied to streets in Lake Elmo.

ISSUE BEFORE COUNCIL: Does the City Council support construction of a new Salt Storage Shed at the Public Works Facility?

PROPOSAL DETAILS/ANALYSIS: With the construction of a new Salt Storage Shed, Public Works will have the capacity to store approximately 1,000 tons of salt on site during the winter months. This will allow ample time for orders to be placed and delivered to public works and decrease the likelihood of running out of salt as we currently face with the existing storage building. In addition, the existing salt storage building can be repurposed into cold storage or other commodity storage.

The proposed new building will be 60' long x 40' wide and constructed as a engineered arched truss building with fabric roofing and interior concrete walls. It will be situate to the east of the existing building.

FISCAL IMPACT: Cost of the building and concrete walls is expected to be approximately \$90,000. Other cost associated with the project will be electrical/lighting cost and site paving. The total project cost will not exceed \$150,000 and will be funded through the City Facilities Fund.

OPTIONS:

- Approve construction of a new Salt Storage Shed
- Deny construction of a new Salt Storage Shed
- Table for further discussion

RECOMMENDATION:

“Motion to approve and award construction of a new Salt Storage Shed to Graystone Construction for a total project cost not to exceed \$150,000”

ATTACHMENTS:

- Graystone Construction - Quote
- ClearSpan Fabric Structures – Quote
- Paving Quote



July 19, 2018

City of Lake Elmo Public Works
Rob Weldon
3445 Ideal Ave N
Lake Elmo, MN 55042

Re: Lake Elmo Public Works Salt Storage Project

Mr. Weldon,

Thank you for the opportunity to provide you with this proposal for an engineered fabric structure for salt storage. We have prepared the following proposal for your review:

Fabric Building Option #1 - Furnish and Install:

- 42' x 60' Fabric Building, engineered to withstand 50psf snow loads, and 3 second 105 mph wind gusts (IBC2015)
- 12' on center bay spacing
- Clear span (no interior columns)
- 12.5oz, 23 mil NON-fire retardant polyethylene fabric
- Building to set on 2' above grade, engineered concrete pier foundation
- (1) Fabric end wall with steel framing
- (2) 4' x 4' mesh vent in end wall
- Fabric to terminate 1'+/- above base plates
- 10' high pre-cast bunker panels – 3 sides

| | |
|---|--------------------|
| Furnish and Install Price: | \$86,315.00 |
| Add for Payment/Performance Bonds: | \$1,075.00 |

Proposal valid for 30 days

Price Includes:

- All materials, equipment, and labor to install the items listed above
- Engineer stamped drawings for foundations and building
- Anchor bolts
- Shipping
- Sales Tax



Notes:

- Owner to provide a flat, pad ready site
- Owner responsible for all permits, governmental fees, licenses, concrete and soil testing, and special inspections
- Base for asphalt and bunker panels by City – fine grade for bunker panels included in Greystone scope
- Spoils to be left on site

Exclusions:

- Dewatering
- Winter Conditions
- Paving
- Import or export of soils

We thank you again for your interest in Greystone Construction. We look forward to working with you on this project. Please review the proposal and contact me with any questions at **952-496-2227**.

Sincerely,
Greystone Construction

A handwritten signature in black ink that reads "Matt Lawrence".

Matt Lawrence
Estimator/Project Coordinator



Corporate Offices

1395 John Fitch Blvd., South Windsor, CT 06074

Phone: 1.866.643.1010 • International Phone: 860.760.0046

Fax: 1.860.760.0210 • Website: www.clearspan.com

Cust ID: 8724441

Quote Number: 853675

QUOTE

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Quote To:

ROB WELDON
CITY OF LAKE ELMO
3445 IDEAL AVE N
LAKE ELMO MN 55042

Phone: 6517473941

Fax:

Date: 5/7/2018**Expires:** 6/6/2018**Truss Specialist:** BRAD WILLIAMS**Fax:** 860-760-0210

BWILLIAMS@CLEARSPAN.COM

Quote Total :**\$64,147.00**

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|--|------|-------------|-------------|
| 1 | 100106 | 42W RD BY 60L TRUSS BLDG 8'6"OC 50/90 CAT 1 | 1.00 | \$16,220.00 | \$16,220.00 |

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|----------------------|------|------------|-------------|
| 2 | 100106 | 42W END WALL PACKAGE | 1.00 | \$2,876.00 | \$2,876.00 |

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|-----------------------|------|----------|-------------|
| 3 | 110452 | 36"WX36H" WALL LOUVER | 2.00 | \$174.00 | \$348.00 |

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|--|------|------------|-------------|
| 4 | 700001 | STAMPED ENGINEERED DRAWING BUILDING | 1.00 | \$2,000.00 | \$2,000.00 |

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|-----------------|------|----------|-------------|
| 5 | 100007 | SALE OF FREIGHT | 1.00 | \$938.00 | \$938.00 |

| Line | Part | Description | Qty | Price | Total Price |
|------|--------|--------------------------------------|------|-------------|-------------|
| 6 | 700007 | PREVAILING WAGE RATE INSTALLATION | 1.00 | \$41,765.00 | \$41,765.00 |



DATE: 8/14/2018



PROPOSAL PLAN

City of Lake Elmo

Attention: Rob (651)747-3941

Blacktop Pros, LLC

2466 Galtier Circle, Roseville, MN 55113

Office: (651) 260-7345

Cell: (651) 983-2712

Email: Blacktopprosmn@yahoo.com

- A) Existing area for new parking pad approximately 108 by 75. City to have area ready to receive asphalt. Install 3 to 4" asphalt mat. Price: \$16,900.00
- B) Existing area in front of east entrance garage door approximately 100 by 60. City to have area ready to receive asphalt. Install 3 to 4" asphalt mat. Price: \$12,600.00

We propose hereby to furnish material and labor- Complete in accordance with above specifications, for the sum of:

\$

50% due before or on start date of job and payment due upon completion of job. A charge of 1 ½% per month will be made on all past due balances.

"(A) Any person or company supplying labor or material for this improvement to your property may file a lien against your property if that person or company is not paid for the contributions.

"(B) Under Minnesota law, you have the right to pay persons who supplied labor or materials for this improvement directly and deduct this amount from our contract price or withhold the amounts due them from us until 120 days after completion of the improvement unless we give you a lien waiver signed by persons who supplied any labor or materials for the improvement and who gave you timely notice."

You are authorized to do the work as specified. Payments will be made as outlined above:

X

Acceptance of Proposal

