| | | |
|---|---|---|
| ST. CHARLES SINCE 1834 | **AGENDA ITEM EXECUTIVE SUMMARY** | Agenda Item number: 5.n |
| | Title: | Recommendation to Award Proposal for Materials Storage Structure |
| | Presenter: | AJ Reineking |

| | | |
|---|---|---|
| Meeting: Government Services Committee | Date: March 27, 2017 | |
| Proposed Cost: $41,762.61 | Budgeted Amount: $40,000.00 | Not Budgeted: ☐ |

**Executive Summary** (*if not budgeted please explain*)**:**

The Public Works Department utilizes an annex facility located at 1425 South Avenue (the former IDOT facility) for staging and cold storage. Stockpiles of black dirt, as well as various sizes of stone and gravel are stored at this facility before use, and spoils from digs are staged here before being tested and hauled away.

The bins used to separate these materials were originally constructed by IDOT prior to the City taking over the property. In their current state, the cast concrete bins are deteriorating and are on the verge of catastrophic failure. Staff is proposing to reform the walls using concrete block and erect a steel trussed fabric tension structure over the bins to cover the stored materials. Covering the materials greatly reduces the time it takes to break out frozen stone or spoil material in the winter, and it eliminates the need to provide Stormwater containment from runoff. A similar structure is currently present on the site to cover the City's black dirt stockpile.

Proposal specifications were prepared for a pre-engineered structure that can fit within the spatial parameters of the site; specifically the structure depth cannot exceed 30' and the width must be between 40' and 80'.

The City received two qualified, responsive proposals and one proposal that was improperly submitted and disqualified prior to the due date. The two proposals considered are as follows:

| | | |
|---|---|---|
| Greenfield Contractors, LLC | 1,500 sq. ft. (50' x 30') | $41,762.61 |
| Chicagoland Construction, Inc. | 1,200 sq. ft (40' x 30') | $41,000.00 |

Staff feels that the additional $762.61 that Greenfield has proposed is worth the additional 300 square feet of covered storage space that the City will gain by utilizing their structure.

**Attachments** (*please list*)**:**

* Proposal Tabulation * Proposal Specifications * Price Proposal Sheets

**Recommendation/Suggested Action** (*briefly explain*)**:**

Recommendation to award a proposal for Material Storage Structure to Greenfield Contractors, LLC in the proposed rate, not to exceed $41,762.61.

**Steel Tension Material Storage Structure**
Price Proposal Breakdown
GSC: March 27, 2017

| PROPOSER | PROPOSED SIZE | PRICE/SQ. FT. | BID PRICE | |
|---|---|---|---|---|
| **Greenfield Contractors, LLC** | 1,500 sq. ft. (50' x 30') | $ 27.84 | $ 41,762.61 | *Recommended* |
| *Bradford, IL* | (ALT Bid) 1,860 sq. ft. (62' x 30') | $ 26.63 | $ 49,532.91 | |
| **Chicagoland Construction, Inc.** *Addison, IL* | 1,200 sq. ft. (40' x 30') | $ 34.17 | $ 41,000.00 | |
| ***A+B Construction, LTD** | 1,344 sq. ft. (42' x 32') | $ 18.93 | $ 25,441.00 | |
| *Harper, IA* | (ALT Bid) 2,688 sq. ft. (84' x 32') | $ 14.94 | $ 40,168.00 | |

*Proposal was disqualified by Purchasing Manager prior to due date for failing to follow submittal instructions.

**Request for Proposal**
**Steel Trussed Fabric Tension Structure**

The City of St. Charles is requesting proposals for the purchase and installation of a Steel Trussed Fabric Tension Structure. The structure shall be placed at the City's Public Works Annex Facility located at 1425 South Avenue; St. Charles, IL 60174.

Proposals will be accepted until 11:00 AM on Thursday, February 16, 2017.

Questions regarding this project may be sent in writing to Public Services Division Manager, Tony Bellafiore at tbellafiore@stcharlesil.gov.

## 2-01. RECTANGULAR FABRIC TENSION MEMBRANE COVER AND STEEL TRUSS

References: Except where more stringent requirements are specified, comply with the applicable requirements of the following organizations and standards, for products, materials, and construction methods:

1. Illinois State Building Codes.
2. IBC 2012 Building Code.
3. American Institute of Steel Construction (AISC).
4. American Iron and Steel Institute (AISI).
5. American Society of Civil Engineers (ASCE 7-10 Minimum Design Loads for Buildings and Other Structures).
6. American Welding Society (AWS)
7. Welders must be qualified and tested and certified

## 2-02. DESCRIPTION

Provide design and construction for a permanent rectangular shape tension membrane covered truss type building. The structure shall meet or exceed the performance criteria of this specification. Site location is 1425 South Avenue, St. Charles, IL 60174.

## 2-03. PROJECT REQUIREMENTS

The City is requesting proposals for a structure that will store between two and four separate aggregate materials in individual bins under one covered structure.
The building shall occupy a minimum area of 40 feet wide by 30 feet deep and a maximum area of 80 feet wide by 30 feet deep with a complete fabric enclosed back and sides with an open front. The structure shall be placed on a concrete block foundation or concrete piers or wing walls. The City will place the concrete block foundation to the successful bidder's specifications. If the structure requires concrete piers or wing walls, such a foundation must be installed by the awarded contractor The building roof, wing walls, and end wall shall be shaped in such a way as to maximize both side and overhead clearance for off-loading material and loader operation within the structure.

*Optional Additional Work* – As an optional addition to this project, the City is requesting a price proposal to relocate the existing 40 X 40 Clearspan hoop structure from its current position on the upper pad to the lower pad adjacent to the new structure. The contractor shall provide all labor, equipment, materials, and permitting requirements necessary to complete this work while on site. This option will be exercised at the sole discretion of the City.

## 2-04. INTERIOR SPACE

The storage floor area shall be entirely free of columns and roof supports of any type allowing unimpeded unloading of tractor trailer dump trucks and loading of truck spreader vehicles with front-end loading equipment.

Minimum Interior Clearance: 25 feet minimum vertical clearance at the peak of the building not including the above grade concrete walls which will add up to an additional 6 or 8 feet. Sidewall clearance must be as close to vertical as possible from the interior face to the top of the prefabricated concrete block or poured in place foundation wing wall base. Building trusses shall provide ample interior clearance to support loading and unloading material safely.

## 2-05. VENTILATION

Suitable openings located at the back of the structure near the highest portion of the roof or walls providing adequate ventilation for the square footage of the proposed structure. Each ventilation opening shall be weatherproof.

## 2-06. BUILDING PRODUCT REQUIREMENTS

Prospective contractors must provide the brand of the building being proposed at the time the proposal is submitted. The proposed structure must be stamped by an architect licensed in the State of Illinois or certified by the manufacturer to meet all applicable building requirements. No substitutions will be allowed after the project is awarded.

1. Membrane used in the building design shall be designed to withstand the corrosive UV light according to the manufacturer warranty.
2. All trusses including the webbing between the trusses must be Hot Dip Galvanized “POST” fabrication. The Hot Dipped Galvanizing must be fully attained inside and outside of the truss and web tubing. Failure to provide this would cause the bid to not be accepted.
3. All bearing plates and other structural members must be hot dipped galvanized “POST” fabrication, no welding shall take place after the galvanized coating is applied. All anchor bolts, bolts and washers etc., shall be stainless steel or Hot Dip Galvanized.

## 2-07. STRUCTURAL REQUIREMENTS

1. Structure must be designed and stamped by an architect licensed in the State of Illinois or certified by the manufacturer to meet all applicable building codes.
2. Structure shall be engineered so it is capable of withstanding the loads specified in ASCE 7-10, and the IBC 2012 code without failure or damage. Design must incorporate both balanced and unbalanced loads. Additional rain on snow surcharge loading must also be added to gable shaped (non arch) buildings per ASCE 7-10. Bidder must list the manufacturers name at the time of the bid opening. Upon award of contract, quoted manufacturer must be utilized without substitution.
3. The building system is to be designed to meet a minimum ground snow load of 25 lb/sf. Exposure Category = C.
4. Structure must be capable of maintaining structural integrity in the event of a tear propagating in the fabric, without endangering occupants.

5. Design calculations shall include verification that the web/chord connection design conforms to the requirements of Chapter K of the AISC Steel Design Manual (13th Edition) to address “chord plasticization failure mode”.
6. Truss Framework tubing shall be Hot Dip Galvanized as per Building Product requirements stated above. The Hot Dip Galvanizing must meet ASTM 123 as per the building code. Acceptable products:
    a) Hot Dip Galvanized Product, galvanizing inside and out after fabrication is completed

7. Unless otherwise approved by a licensed architect in the State of Illinois, all purlins used in the building must be a minimum of 2.375 inches and be attached to the truss using a double bolted configuration directly
8. Building must utilize cross cables in each end bay to prevent racking. Main and wind bracing cable assemblies shall be manufactured to the required length and press swaged with metal sleeves. Cable clamps will be allowed on one end. Cables must be a minimum of 3/8”galvanized that is 7 by 19 commercial grade and must be secured to structural welded truss member using a solid bolted or clevis connection and they must be adjustable for proper tensioning with a stainless steel or galvanized, lockable turnbuckle. Cable assemblies attached with open hooks or loops will not be allowed.
9. All tie-down pipe that is used to fasten the cover to the building must be secured by a 12,000 pound lashing winch at every truss. Ratchet strap attachment to the tie down pipe will not be accepted as a main cover tensioning system.
10. Unless approved by a licensed architect in the state of Illinois, each individual truss shall weigh a minimum of 560 pounds.

2-08. FABRIC COVER ATTACHMENT

HDPE Fabric roof material must consist of a single cover unless the length required exceeds 100 feet long. The cover must be securely attached at ends and sides. Field fabric welding for this purpose is acceptable.

2-09. QUALITY ASSURANCE

Manufacturer's Qualification: The fabricator of the building or building components shall be regularly engaged in the fabrication of this type of building. They must meet the requirements of this Section and shall show evidence of having an adequate manufacturing facility, equipment, and a quality control system. The fabricator must provide evidence that they have produced a minimum of 50 such structures in the previous 12 months before acceptance of this contract. A reference list of 5 salt/anti-skid storage buildings shall be provided with the bid at the time of opening.

Erector's Qualification: The building erector shall be regularly engaged in the erection of fabric covered buildings, meeting the requirements of this Section. The erectors must provide evidence that they have constructed a minimum of 5 such structures with the bid at the time of opening or the bid will not be accepted. The erectors shall be subject to the approval of the Director.

2-10. WARRANTY

a. Steel Truss Warranty: Truss Framework tubing must be Hot dip Galvanized inside and out of tubing - completely after fabrication. The manufacturer is to provide a minimum 10+10 year warranty (10 year free of cost + 10 year pro-rata) on the trusses according to the standard manufacturer's warranty.

b. Fabric Warranty: All membranes used are to be North American made, water and mildew resistant, insect proof, and UV stabilized. They are to withstand extreme climatic variations and contain ultra-violet inhibitors to reduce degradation by the sun's rays. Manufacturer is to provide a minimum 20-year pro-rata warranty on non-fire rated fabric and a 10- year pro-rata warranty on fire rated fabric according to the standard manufacturer's warranty.

The manufacturer shall be given the opportunity to inspect the assembly of the structure prior to substantial completion. It shall be the manufacturer's responsibility to callout any deficiencies that may affect the warranty responsibilities at that time. The City shall in no way be responsible for conducting inspections as they may relate to future warranty claims.

2-11. MATERIALS FABRIC SPECIFICATIONS:

The HDPE fabric must be produced in North America with minimum fabric specification as follows:

(NON-Fire Rated)

| | | | |
|---|---|---|---|
| Coated Weight | | 13.0 oz/yd2 | ASTM D3776 |
| Nominal Thickness | | 24.1 | ASTM D5199 |
| Grab Strength | | 430 lbf | ASTM D751 |
| Tensile Strength | | 105 lbf/in | ASTM D882 |
| Tongue Tear | | 110 lbf | ASTM D2261 |
| Mullen Burst | | 590 psi | ASTM D751 |
| Pinhole Resistance | | 130 lbf | FAB NR-F-5 |
| Life Cycle Factor | 5000 hrs | 0.082 | ASMT G154 |
| Hydrostatic Resistance | | 475 psi | ASTM D751MAP1 |
| Flame Spread | Class A | | ASTM E84 |

(Fire Rated)

| | | | | |
|---|---|---|---|---|
| Coated Weight | oz/yd2 | | 12.6 | ASTM D3776 |
| Warp Construction | tapes/in | Warp | 16 | ASTM D3775 |
| | | Weft | 16 | |
| Tensile Grab | lbf | Warp | 405 | ASTM D751 |

| | | | | |
|---|---|---|---|---|
| | | Weft | 450 | |
| Tear Strength (tongue) | lbf | Warp | 79 | ASTM D2261 |
| | | Weft | 106 | |
| Tear Strength (trapezoid) | lbf | Warp | 83 | |
| Low Temperature Bend | | | 131 deg F | ASTM D2136 |
| Thickness | | mil | 24 | caliper |
| Flammability | | PASS | | UBC Standard 31-1 |
| Flammability | | PASS | | NFPA 701 L |
| Flammability | | PASS | | CAN/ULC-S109-M87 L |
| Flammability California Fire Marshall | | PASS | | CACTitle 19 par.1237.1 |

The stressed membrane structure must be designed to shed snow before the design load is exceeded, or alternatively provide structural capacity to meet or exceed required roof snow load requirements of specified site. The architectural membrane shall be continuous from the base of the structure to the peak and manufactured in such a way that no eave will exist.

## 2-12. METAL SPECIFICATIONS

The main structure shall consist of a welded truss arches with parallel tubes separated apart by tube webs.

2.375 inch Tube, minimum 14 Gauge tube, minimum truss depth of 18 inches out to out, with minimum 1.125 inch 14 Gauge webbing, all Hot dip Galvanized Post fabrication.

All steel tubing used in the structure must have the following minimum structural and mechanical properties (ASTM A-500): Tension Ultimate: 55 KSI and Yield: 50 KSI
All steel flat bar, cross rods and other steel components shall be fabricated from hot dipped galvanized material to ASTM A123 and must have the following minimum structural and mechanical properties (ASTM A-36): Yield: 36 KSI

## 2-13. CORROSION PROTECTION

All steel truss tube components, shall be Hot Dip Galvanized after complete fabrication. No welding is permitted after the galvanizing process. “Triple coat” or other “in-line” galvanizing will NOT be accepted on welded members as it does not provide galvanizing on the inside of the tubes and is applied pre fabrication leaving the pipe unprotected from corrosion after fabrication.

## 2-14 PAINTING

Painting of steel components shall only be utilized if necessary for field repairs and shall not be employed as a factory finish. Should field repair be necessary, a zinc rich field coat shall be used.

## 2-15. FIELD WELDING

In-Field fabric welding is accepted as a standard method of joining panels, rounding corners, repairing minor cuts or abrasions.

2-16. PERMITS

The successful contractor shall obtain all required permits, and shall furnish shop drawings needed to obtain required permits. The City will waive any fees associated with local permits.

2-17. PRODUCT MANUFACTURERS

The following manufacturer is preapproved and meets or exceeds this Specification.
Accu-Steel, Inc.
P.O. Box 201
Templeton, IA 51463
Phone-1-877-338-6936

2-18. REFERENCES AND STANDARDS

The following publications are for the standards listed below but referred to thereafter by basic letter designation only. They form a part of this specification to the extent referenced thereto: American Institute of Steel Construction (AISC):

A. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; American Society of Civil Engineers; 2011.

B. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2008.

C. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2012.

D. ASTM A307 - Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength; 2012.

E. ASTM A325 - Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength; 2010.

F. ASTM A325M - Standard Specification for Structural Bolts, Steel, Heat Treated 830 MPa Tensile Strength (Metric); 2013.

G. ASTM A500/A500M - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes; 2010a.

H. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building

Materials; 2013a.

I. AWS D1.1/D1.1M - Structural Welding Code - Steel; American Welding Society; 2010.

J. NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films; National Fire Protection Association; 2010.

K. SSPC-SP 6 - Commercial Blast Cleaning; Society for Protective Coatings; 2007.

L. SSPC-Paint 20 - Zinc-Rich Primers (Type I, "Inorganic," and Type II, "Organic"); Society for Protective Coatings; 2002 (Ed. 2004).

M. SSPC-Paint 22 - Epoxy-Polyamide Paints (Primer, Intermediate, and Topcoat); Society for Protective Coatings; 1982 (Ed.2004).

2-19. COLORS
As selected by the City’s Representative from standard Manufacturer’s Color charts.

2-20. ADJUSTING
Repair cut, welded, and/or abraded galvanized surfaces with a minimum 2 mil thick coating of cold galvanizing compound (containing 93 percent zinc) applied in accordance with manufacturer’s instructions.

CITY OF ST. CHARLES
2 E. MAIN STREET
ST. CHARLES, ILLINOIS 60014

**Proposals Due: Thursday, February 16, 2017 at 11:00 a.m.**

**Responder Information**

**Company Name: _____** **Telephone: _____**
**Address: _____** **Fax: _____**
**City, State, Zip: _____** **Email: _____**
**Contact Person: _____**

**Proposal Price**: **MATERIAL STORAGE STRUCTURE (Purchase & Installation)**

****The pricing submitted for the below shall include all permitting, preparation, labor, materials, equipment and supplies, as well as any items listed, or not listed, in the above scope of work necessary to successfully complete the project as described in the scope of services.***

**Price of Structure – Concrete Block Foundation: $_____**

**Price for Structure – Pier or Weir Wall Foundation: $_____**
**(*Foundation type to be determined at the City's sole discretion*)**

**Size of Proposed Structure: _____**ft. wide by

**_____**ft deep by

**_____**ft tall (not including wall)

****Proposers must attach details and cut sheets on the proposed structure and manufacturer with this price proposal.***

**Price for Option to Relocate Existing Structure to Lower Pad: $_____**

**Anticipated number of days to complete all work form notice to proceed: _____**Days

List any and all deviations from minimum specifications:
_____
_____
_____
_____
_____

_____I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

Name of Authorized Representative Title

Company Name

Street Address

City State Zip Code

(Area Code) Phone Number

# CITY OF ST. CHARLES

## REQUEST FOR PROPOSALS:

Steel Trussed Fabric Tension Structure

Proposals Due: Friday February 17, 2017 at 11:00 a.m.

## ADDENDUM #1 – Thursday February 9, 2017

**Please Note:**

1. Please note that in section 2-09 /Quality Assurance, has been amended as follows:

   "The manufacturer/fabricator must provide evidence that they have produced a minimum of ~~50~~ five (5) such structures in the previous 12 months before acceptance of this contract."

***THIS ADDENDUM MUST BE INCLUDED WITH THE SUBMITTED PROPOSAL***

City of St. Charles, Illinois
Two East Main Street St. Charles, IL 60174-1984
Phone: 630-377-4400 Fax: 630-377-4440 - www.stcharlesil.gov

# Precision GIS

RAYMOND ROGINA *Mayor*
MARK KOENEN *City Administrator*


Data Source:
City of St. Charles, Illinois
Kane County, Illinois
DuPage County, Illinois
Projection: Transverse Mercator
Coordinate System: Illinois State Plane East
North American Datum 1983
Printed on: January 27, 2017 01:35 PM

0 42 83 Feet

The Blue box represents the new structure and the Green box represents the existing structure we would like to have moved.

CITY OF ST. CHARLES
2 E. MAIN STREET
ST. CHARLES, ILLINOIS 60014

**Proposals Due: Friday, February 17, 2017, at 11:00 a.m.**

**Responder Information**

**Company Name:** Chicagoland Constructio **Telephone:** 331-225-2142
**Address:** 1050 Republic Drive **Fax:** N/A
**City, State, Zip:** Addison, IL 60101 **Email:** Chicagoland1@Ameritech.net
**Contact Person:** Ronald Niederer

**Proposal Price: MATERIAL STORAGE STRUCTURE (Purchase & Installation)**

***The pricing submitted for the below shall include all permitting, preparation, labor, materials, equipment and supplies, as well as any items listed, or not listed, in the above scope of work necessary to successfully complete the project as described in the scope of services.***

**Price of Structure – Concrete Block Foundation:** $ 41,000.00

**Price for Structure – Pier or Weir Wall Foundation:** $ N/A
(***Foundation type to be determined at the City's sole discretion***)

**Size of Proposed Structure:** 40 ft. wide by
30 ft deep by
25 ft tall (not including wall)

***Proposers must attach details and cut sheets on the proposed structure and manufacturer with this price proposal.***

**Price for Option to Relocate Existing Structure to Lower Pad:** $ 19,500.00

**Anticipated number of days to complete all work form notice to proceed:** 5 Days

List any and all deviations from minimum specifications:
None

Ronald Niederer I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

Ronald Niederer — President

Name of Authorized Representative — Title

Chicagoland Construction, Inc.

Company Name

1050 Republic Drive

Street Address

Addison — IL — 60101

City — State — Zip Code

(331) 225-2142

(Area Code) Phone Number

CITY OF ST. CHARLES
2 E. MAIN STREET
ST. CHARLES, ILLINOIS 60014

**Proposals Due: Friday, February 17, 2017, at 11:00 a.m.**

**Responder Information**

**Company Name:** Greenfield Contractors LLC **Telephone:** 309-370-8557
**Address:** 13500 Township Rd 1050 N. **Fax:** _____
**City, State, Zip:** Bradford, IL 61421 **Email:** Lyang@greenfield-contractors.com
**Contact Person:** Lucas Yang

**Proposal Price: MATERIAL STORAGE STRUCTURE (Purchase & Installation)**

***The pricing submitted for the below shall include all permitting, preparation, labor, materials, equipment and supplies, as well as any items listed, or not listed, in the above scope of work necessary to successfully complete the project as described in the scope of services.***

**Price of Structure – Concrete Block Foundation:** $ 50x30 $41,762.61 62x30 $49,532.91

**Price for Structure – Pier or Weir Wall Foundation:** $ N/A
***(Foundation type to be determined at the City's sole discretion)***

**Size of Proposed Structure:** 50 ft. wide by 62
30 ft deep by 30
25 ft tall (not including wall) 25

***Proposers must attach details and cut sheets on the proposed structure and manufacturer with this price proposal.***

**Price for Option to Relocate Existing Structure to Lower Pad:** $ 44,000

**Anticipated number of days to complete all work form notice to proceed:** 75 Days

List any and all deviations from minimum specifications:

_____
_____
_____
_____
_____

_____ I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Bethany Young
Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

Bethany Young — Office Manager
Name of Authorized Representative — Title

Greenfield Contractors LLC
Company Name

13500 Township Rd 1050 N.
Street Address

Bradford, IL — 61421
City — State — Zip Code

309-370-8587
(Area Code) Phone Number

CITY OF ST. CHARLES
2 E. MAIN STREET
ST. CHARLES, ILLINOIS 60014

**Proposals Due: Friday, February 17, 2017, at 11:00 a.m.**

**Responder Information**

**Company Name:** A+B Construction LLC **Telephone:** 319 330 0566
**Address:** 30810 200th St **Fax:** 641 636 2465
**City, State, Zip:** Harper IA 52231 **Email:** Striegel b1 @ yahoo.com
**Contact Person:** Ben Striegel

**Proposal Price: MATERIAL STORAGE STRUCTURE (Purchase & Installation)**

***The pricing submitted for the below shall include all permitting, preparation, labor, materials, equipment and supplies, as well as any items listed, or not listed, in the above scope of work necessary to successfully complete the project as described in the scope of services.***

| | 84 ft long | 42 ft long |
|---|---|---|
| **Price of Structure – Concrete Block Foundation:** | $ 40,168.00 | 25,441.00 |
| **Price for Structure – Pier or Weir Wall Foundation:** | $ 40,168.00 | 25,441.00 |

(***Foundation type to be determined at the City's sole discretion***)

**Size of Proposed Structure:** 32 ft. wide by

84 or 42 ft deep by

25 ft tall (not including wall)

***Proposers must attach details and cut sheets on the proposed structure and manufacturer with this price proposal.***

**Price for Option to Relocate Existing Structure to Lower Pad: $** 7510.00

**Anticipated number of days to complete all work form notice to proceed:** 60 Days

List any and all deviations from minimum specifications:
None

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

Ben Striegel

Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

| | |
|---|---|
| Ben Striegel | VP |
| Name of Authorized Representative | Title |
| A+B Construction LTD | |
| Company Name | |
| 30810 200th St | |
| Street Address | |
| Harper | IA 52231 |
| City | State Zip Code |
| 319 330 0566 | |
| (Area Code) Phone Number | |