

**WEST DES MOINES WATER WORKS  
BOARD OF TRUSTEES MEETING COMMUNICATION**

**DATE:** October 16, 2017

**ITEM:**

6. Recommendation from Staff

a. Motion –

Approving Replacement of Roof System on  
Center and West Filters

**FINANCIAL IMPACT:**

The 2017 budget included \$35,000 for this work under Replace Roof on Plant Filter Building. The cost of this replacement is \$41,400.00 and will be taken from (00800-120-17003).

**SUMMARY:**

2 proposals were received for this replacement with Rubber Roofing Systems, Inc. being the lowest.

The original roof system which is an EPDM rubber roof has out lived its useful life.

**BACKGROUND:**

When we obtained Budget Quotes last fall, it was anticipated that we would be able to save some of the existing insulation. However, core samples were taken recently after rains on the existing roof and water was found in the insulation. It was recommended to replace all the insulation down to the steel and concrete decking.

**RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:**

To concur with the recommendation of Staff and approve the replacement of the roof system at the treatment plant by Rubber Roofing Systems, Inc. at a cost of \$41,400.00

Prepared by: \_\_\_\_\_

Approved for Content by: \_\_\_\_\_





# PROPOSAL

2185 SOUTH FIRST  
WEST DES MOINES, IA. 50265-8301  
(515) 256-8881

**DATE: OCTOBER 10, 2017**

To: WDM Water Works  
1501 Railroad Ave.  
West Des Moines, Iowa 50265

Job Name: **New roof system**

Location: Upper middle & North sections  
Phone:

We hereby submit specifications and estimates for: **Approx. 3595 Sq. Ft.**

**Remove and dispose of existing roofing and insulation down to metal and concrete decking.**

**Remove and dispose of existing edge metals.**

**Install two layers of 2.5" ISO insulation for a R-25 value.**

**Install tapered ISO insulation with tapered crickets for positive drainage.**

**Insulation to be mechanically fastened to steel decking on middle roof; Set in foam adhesive on upper north roof with concrete deck.**

**Install 60mil fully adhered EPDM membrane and all accessories according to manufacturer specifications and details.**

**Install new 24-gauge prefinished steel coping cap.**

**Provide a Carlisle 20-year manufacturer's finish warranty.**

**WE PROPOSE** hereby to furnish material and labor – complete in accordance with these specifications, for the sum of: **\$41,400.00**

Payable as follows: **Forty-One Thousand Four Hundred Dollars**  
**35% down upon delivery of materials; Final payment due upon completion**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alterations or deviation from above specifications involving extra cost will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized  
Signature \_\_\_\_\_

NOTE: This proposal may be withdrawn  
by us if not accepted within \_\_\_\_\_ days

**ACCEPTANCE OF PROPOSAL** – The prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_



5225 NE 17th Street  
Des Moines, IA 50313

**515.244.2711**

**October 9, 2017**

To: Jeff Gutknecht  
Project: Des Moines Water Works  
Sections: Adhered EPDM Roofing  
Sheet metal Flashings & Trim

*Quotation is based on furnishing all labor, material, and equipment to complete the roofing work as outlined below.*

**Adhered EPDM Roofing**

- Remove and dispose of existing roofing and insulation down to metal and concrete decking (Existing insulation is wet. 5 of 6 cores showed wet insulation)
- Install two layers of 2.5" ISO insulation for a R-25 value
- Install 1/4" FT tapered ISO insulation with tapered crickets (Full Roof tapered system)
- Insulation to be mechanically fastened at roof 1 metal decking. Set in foam adhesive on roof 2 concrete decking
- Install 60mil adhered EPDM roof system per manufacturer's specifications
- Flash all curbs, drains, scuppers and penetrations as per manufacturer's specifications and details.
- Price includes manufacturer's 20-year warranty

**Sheet Metal Flashing and Trim**

- Remove and dispose of existing edge metals
- Fabricate and install new 24-gauge prefinished steel coping cap
- Price includes manufacturer's 20-year finish warranty

**Total Price \$56,204.00**

Chase Alderman  
Lead estimator  
P-515-447-6664  
F-515-299-9719  
[Chase.Alderman@Wrsia.com](mailto:Chase.Alderman@Wrsia.com)