

SCOTT COUNTY ENGINEER'S OFFICE

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Senior Administrative Assistant

MEMO

TO: Mahesh Sharma
County Administrator

FROM: Angie Kersten, P.E.
County Engineer

SUBJ: Salt Shed Replacement at Secondary Roads Maintenance Facility

DATE: April 4, 2023

Our department has identified the need to replace the salt shed at our maintenance facility in Eldridge. The existing salt shed is a single open end timber framed structure with an asphalt shingle roof that was built in 1987. The existing shed is 63 feet wide by 72 feet long by 16 feet tall, with a divider wall, and holds approximately 900 tons of straight salt and 900 tons of sand/salt mixture. The building and roof have deteriorated such that removal and replacement is warranted. Therefore, replacement of the structure was budgeted for in FY 2023.

Over the past several years, our department analyzed replacement options. We determined that a fabric hoop building was an appropriate and economical replacement structure. These types of structures are more cost-effective, require less maintenance than a traditional timber structure, and can be built in a shorter time-frame. The replacement fabric structure is arch shaped in profile, 72 feet wide by 80 feet long by 10 feet tall, and will have a single open end. Additionally, a two-bin bunker will be constructed independently of the building foundation to hold approximately 1,100 tons of straight salt and 1,100 tons of sand/salt mixture.

Bids for demolition of our existing salt shed and construction of the fabric structure were solicited on Public Purchase. The following responsive bids were received:

A & B Construction, Harper, IA	\$202,892
Freedom Buildings, Belle Plaine, IA	\$222,100
Greenfield Contractors, Clermont, IA	\$227,579
Greystone Construction, Shakopee, MN	\$247,950

I recommend awarding the salt shed replacement project to A & B Construction of Harper, IA, contingent on the unit prices listed in the contract. We estimated the project to cost \$250,000 and have approximately \$320,000 remaining in our FY2023 budget for building expenditures. On page 2 of this memo are images of our existing salt shed and on page 3 are images of the proposed fabric structure.

Scott County Secondary Roads Maintenance Facility, 950 E. Blackhawk Trail, Eldridge, IA





THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY
THE BOARD OF SUPERVISORS ON _____
DATE _____

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

APRIL 13, 2023

AWARD OF CONTRACT FOR SCOTT COUNTY SECONDARY ROADS
SALT SHED REPLACEMENT PROJECT

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. That the contract for Scott County Secondary Roads Salt Shed Replacement Project be awarded to A&B Construction, Harper, IA, contingent on the unit prices listed in the contract.

Section 2. That the County Engineer be authorized to sign the contract documents on behalf of the Board.

Section 3. That this resolution shall take effect immediately.