



Strand Associates, Inc.®  
910 West Wingra Drive  
Madison, WI 53715  
(P) 608.251.4843  
www.strand.com

November 6, 2024

Mr. Dylan Mulfinger, City Administrator  
City of Oelwein  
20 2nd Avenue SW  
Oelwein, IA 50662

Re: Change Order No. 3  
Contract 1-2023, Reed Bed Expansion and EQ Liner Replacement Project  
City of Oelwein, Iowa (City)

Dear Dylan,

This letter provides supporting information, context, and a recommendation pertaining to Change Order No. 3. Change Order No. 3 lists the specific quantities and associated costs.

The existing Reed Bed Nos. 1 through 4 required rehabilitation and repair of damaged pea gravel and rock layers, and underdrain piping. The exact conditions and extent of repairs required could not be observed at the time of design and bidding. Bids included a base bid cash allowance for set quantities of material to complete the rehabilitation work within the existing reed beds. These original quantities were an estimate derived from discussions with City staff during design, and these estimates proved to be lower than actual observed conditions.

Cleaning Reed Bed Nos. 1 and 2 was completed on November 1, 2024, and allowed for observation and an accurate determination of the material quantities for reed bed rehabilitation. When cleaning the reed beds, Shift Companies, LLC (Contractor) identified that the amount of pea gravel and rock that was previously removed during prior biosolids disposal activities exceeded the quantities that were in the bid allowance. Contractor also identified plugged and damaged underdrain piping in excess of the quantity set in the cash allowance.

The new pea gravel, rock, and underdrain piping not only replaces missing quantities but are essential to reed bed drainage and system viability. Without replacement, the existing remaining reed bed media is impacted by biosolids or other defects that will only continue to exacerbate the existing poor drainage conditions. Replacement of the missing quantities are pertinent to reed bed rehabilitation. The base bid included a unit price for these allowance items. The unit cost will remain unchanged and is the unit cost basis of the change order. The quantities and costs are to not exceed values provided by Contractor with some additional contingency; the actual cost will reflect confirmed hauled and installed quantities.

Strand Associates, Inc.® recommends Change Order No. 3 as necessary to replace missing aggregate and underdrain piping to rehabilitate the reed beds and provide an effective drainage system for the reed beds.

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Please call 608-251-4843 if there are any questions.

Sincerely,

STRAND ASSOCIATES, INC.®



Troy A. Larson



William V. Anderson

Enclosure



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November 6, 2024

**CHANGE ORDER NO. 3**

**PROJECT:** Reed Bed Expansion and EQ Basin Liner Replacement  
**OWNER:** City of Oelwein, Iowa  
**CONTRACT:** 1-2023  
**CONTRACTOR:** Shift Companies, LLC

**Description of Change**

3a	Quantity adjustment for Cash Allowance Item No. 5–Replacement of Reed Bed Rock Layer, Section 46 73 70–Sludge Dewatering Reed Bed, from the base bid quantity of 100 cubic yards (CY) to a maximum allowance quantity of 410 CY. Unit cost shall remain at the Bid Unit Price of \$87.45 per CY.	ADD	\$27,109.50
3b	Quantity adjustment for Cash Allowance Item No. 4–Replacement of Reed Bed Pea Gravel Layer, Section 46 73 70–Sludge Dewatering Reed Bed, from the base bid quantity of 55 CY to a maximum allowance quantity of 322 CY. Unit cost shall remain at the Bid Unit Price of \$46.50 per CY.	ADD	\$12,400.00
3c	Quantity adjustment for Cash Allowance Item No. 3–Rehabilitation of Existing Reed Bed Underdrain Piping, Section 46 73 70–Sludge Dewatering Reed Bed, from the base bid quantity of 225 linear feet (FT) to a maximum allowance quantity of 245 FT. Unit cost shall remain at the Bid Unit Price of \$125.00 per linear foot.	ADD	\$2,500.00
3d	Adjustment of the Substantial and Final Completion dates by 7 days. This is a no cost change.	ADD	\$0.00
<b>TOTAL VALUE OF THIS CHANGE ORDER:</b>		<b>ADD</b>	<b>\$42,009.50</b>

**Contract Price Adjustment**

Original Contract Price	\$1,347,000.00
Previous Change Order Adjustments	\$40,000.00
Adjustment in Contract Price this Change Order	\$42,009.50
<b>Current Contract Price including this Change Order</b>	<b>\$1,429,009.50</b>

City of Oelwein–Shift Companies, LLC  
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**Contract Substantial Completion Date Adjustment**

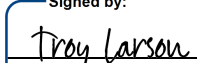
Original Contract Substantial Completion Date	October 5, 2024
Contract Substantial Completion Date Adjustments due to previous Change Orders	41 Days
Contract Substantial Completion Date Adjustments due to this Change Order	7 Days
Current Substantial Contract Completion Dates including all Change Orders	November 22, 2024

**Contract Final Completion Date Adjustment**

Original Contract Final Completion Date	November 3, 2024
Contract Final Completion Date Adjustments due to previous Change Orders	42 Days
Contract Final Completion Date Adjustments due to this Change Order	7 Days
Current Final Contract Completion Dates including all Change Orders	December 22, 2024

This document shall become a supplement to the Contract and all provisions will apply hereto.

**RECOMMENDED**

Signed by:	11/6/2024
	_____
ENGINEER-Strand Associates, Inc.®	Date

**APPROVED**

_____	_____
CONTRACTOR–Shift Companies, LLC	Date

**APPROVED**

_____	_____
OWNER–City of Oelwein, Iowa	Date