

Committee-of-the-Whole Agenda

6:30 p.m.

Tuesday, May 19, 2015

Presentation

Hidalgo Neighborhood Group presentation of check for McCandless Park (Alderman Lori Turner)

Informational

South Slope Discharge Permit Renewal Update (Greg Swanson, Utilities General Manager)

Questions on the Agenda

Agenda Items

- 1. North Slope Change Order** (Greg Swanson, Utilities General Manager)
- 2. A Grant for “Less Lethal Weapon Deployment Project.”** (Kim Hankins, Public Safety Director)
- 3. Other**
- 4. Public Comment**

Explanation

1. **A Resolution authorizing the Utilities General Manager to approve Change Order #2 to the Contract with Williams Brothers Construction, Inc., in the amount of \$279,352 for the North Slope Wastewater Plant Improvements Project.** (Greg Swanson, Utilities General Manager)

Explanation: Change Order #2 consists of six individual changes to the North Slope Wastewater Plant Improvements Project construction contract documents. In general, these changes are adjustments to meet field conditions encountered during construction or enhancements to the efficiency, functionality or longevity of the completed Project. These changes are summarized in the attached documentation. Change Order #2 increases the current contract amount of \$37,238,665 to \$37,518,017. Change Order #2 provides Williams Brothers Construction, Inc., with thirty additional calendar days to complete the contract work.

Staff Recommendation: Approval
Fiscal Impact: Funds are budgeted in account #320-1838-433.08-06
Public Notice/Recording: N/A
Goals Impacted: Upgrade City Infrastructure & Facilities

2. **A Resolution authorizing the Mayor and City Clerk to execute a Memorandum of Understanding between the City of Moline, City of Rock Island, and County of Rock Island, setting forth the terms for submitting a joint application for funding available through the U. S. Department of Justice 2015 Byrne Justice Assistance Grant (JAG) Program.** (Kim Hankins, Chief of Police/Public Safety Director)

Explanation: Moline, Rock Island, and Rock Island County law enforcement agencies are eligible to submit a joint application for a total of \$31,084.00 to be awarded through the JAG program. The Allocations and Disparate Information listing published by the Department of Justice specifies the award level for Moline and Rock Island, with Rock Island County listed as a disparate jurisdiction entitled to request a share. The individual allocations will be \$3,108.40 to Rock Island County for its Courthouse/Justice Center Security Enhancement Project, \$16,335.90 to Rock Island for its Police Officer Personnel Project, and \$11,639.70 to Moline for its Less Lethal Weapon Deployment Project. No matching funds are required under the grant. Additional documentation attached. This item will also appear on the City Council Agenda on May 19, 2015 under "Items Not on Consent."

Staff Recommendation: Approve execution of MOU and submission of joint grant application
Fiscal Impact: \$11,639.70 grant award
Public Notice/Recording: Public notice through published agenda and open meeting process
Goal Impacted: Financially Strong City

**South Slope Wastewater Treatment Plant
Discharge Permit Renewal Update
May 2015**

Introduction

The Clean Water Act established the National Pollutant Discharge Elimination System (NPDES) permit program to control water pollution by regulating point sources that discharge pollutants into waters of the United States. The discharges from Moline's North Slope and South Slope Wastewater Treatment Plants are regulated point sources for which NPDES permits are required. These NPDES permits must be renewed every five years and are subject to both public comment and IEPA revision during the renewal process.

South Slope Discharge Permit Renewal

South Slope's NPDES permit was renewed earlier this year. During the public comment period, the Sierra Club submitted a letter to the Illinois Environmental Protection Agency (IEPA) urging that the City of Moline be required to conduct a phosphorus removal study at the South Slope facility. The IEPA subsequently determined that the Sierra Club's request had merit and included the phosphorus removal study requirement, along with a number of other changes, when the NPDES permit was renewed.

Key Changes in the South Slope Discharge Permit

1. Conduct monthly phosphorus and nitrogen analyses on plant discharge (no limits)
2. Conduct monthly mercury analyses on plant discharge (limit is a rolling 12-month average of 12 ng/L)
3. Achieve 85% removal of CBOD and suspended solids (using 30-day average)
4. Conduct technical re-evaluation of Local Limits (within 12 months)
5. Develop, implement and submit a Capacity, Management, Operations and Maintenance (CMOM) plan (within 12 months)
6. Prepare and submit a Feasibility Study that identifies methods, timeframes and costs to reduce the phosphorus level in the discharge to 1.0 mg/L, 0.5 mg/L and 0.1 mg/L (within 18 months)
7. Develop and submit a Phosphorus Discharge Optimization Plan (within 18 months)

Ramifications of Key Discharge Permit Changes

1. Estimated annual cost of analyses = \$600
2. Estimated annual cost of analyses = \$2,040 (compliance may be challenging)
3. Plant performance currently meets this requirement
4. The re-evaluation of the local limits will require the services of a consultant partner – staff recommendation forthcoming
5. Staff is preparing the CMOM in-house, but the hydraulic model component will be provided through the South Slope Collection System Study that is already underway
6. The Phosphorus Reduction Feasibility Study will require services of a consultant partner – staff recommendation forthcoming
7. The Phosphorus Discharge Optimization Plan will be developed in conjunction with item #6



May 12, 2015

CHANGE ORDER NO. 2

PROJECT: North Slope WWTP Improvements
OWNER: City of Moline
CONTRACT: 1-2014
CONTRACTOR: Williams Brother Construction, Inc.

Description of Change

2a	Change the surge protective devices in the remote MCCs, PP-80 in Structure 80, and LP-90 in Structure 90 according to CPR 001 issued on December 22, 2014.	DEDUCT	(\$62,485)
2b	Provide grounding rings for RAS pumps RASP-45-01 through RASP-45-03 according to CPR 002 issued on December 23, 2014.	ADD	\$705
2c	Change access hatch sizes for doors 4504D and 7003D according to CPR 003 issued on February 23, 2015.	ADD	\$0
2d	Provide a PLC and interface card in SCC-10 to communicate with the MAS units for the influent pumps according to CPR 004 issued on March 11, 2015.	ADD	\$2,879
2e	Provide 22 micropiles for the foundation of Structure 10 according to WCD 001 dated April 2, 2015; provide steel casings for two micropiles according to WBCI proposal dated April 13, 2015; and 35 additional feet of micropile at the unit cost in WCD 001 in WBCI proposal dated April 16, 2015.	ADD	\$332,133
2f	Provide labor and material for Structure 70 Tank No. 3 and No. 4 fillets according to CB 001 dated January 23, 2015.	ADD	\$6,120
TOTAL VALUE OF THIS CHANGE ORDER:		ADD	\$279,352

Contract Price Adjustment

Original Contract Price	\$37,082,000
Previous Change Order Adjustments	\$156,665
Adjustment in Contract Price this Change Order	\$279,352
Current Contract Price including this Change Order	\$37,518,017



**WILLIAMS
BROTHERS
CONSTRUCTION, INC**

Letter of Transmittal

Item 2a

Date April 6, 2015

TO: Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope
007 1st Avenue
Moline, Illinois 61265
Purchase Order No. CWA-478

ATTN: Tina Sebold

GENTLEMEN:
WE ARE SENDING YOU

- HEREWITH
- UNDER SEPARATE COVER
- BY MESSENGER

THE FOLLOWING DRAWINGS:

LATEST DATE	Submittal NO.	NO. OF COPIES	DESCRIPTION	VENDOR	STATUS
04/06/15		1	CPR-001- Revise Surge Protection Devices	Various	For Approval

- FOR YOUR APPROVAL AND/OR CORRECTION; RETURN _____ COPIES _____
- PROCEED WITH FABRICATION _____
- CORRECT AND RESUBMIT _____ COPIES _____
- FOR YOUR FILES AND/OR JOB USE _____
- FOR YOUR ESTIMATING USE; PLEASE PROVIDE US WITH YOUR PROPOSAL BY _____
- DELIVERY REQUIRED _____

COMMENTS

C.C. File _____
Job _____

WILLIAMS BROTHERS CONSTRUCTION INC.

BY Joey Metzloff



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 04/06/15

RFP No. 1

Engineer:

Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline

PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Revise Surge Protection Device Requirements

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$0.00	\$0.00	\$0.00
B. LABOR-	\$0.00	\$0.00	\$0.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$0.00
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$0.00
E. NET TOTAL		(A+B+C)	\$0.00
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$0.00
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$0.00

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Tri Cities Electric		(\$12,605.63)
2. Altronex		(\$49,340.00)
3.		
4.		
H.		(\$61,945.63)
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$0.00
J. PROPOSAL	(Lines G+H+I)	(\$61,945.63)
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	(\$303.53)
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	(\$235.39)

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP ~~increase~~ (decrease) in contract amount **(\$62,485)**

N. The work for this RFP will require and extension of time of 0 Calendar Days.

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 04/06/15



Cost Proposal Request
North Slope WWTP Improvements
City of Moline
Contract 1-2014
December 22, 2014

COST PROPOSAL NO.: 001

TO: Williams Brothers Construction Inc.
ISSUED BY: Tina Sebold

DISTRIBUTION

Joey Metzloff	Williams Brothers Construction
Greg Swanson	City of Moline
Sacha Tetzlaff/Rob Fortune	Strand Associates, Inc.®

Please submit an itemized quotation for changes in the Contract Price and Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTIONS AFFECTING THE SPECIFICATIONS

001-01 Provide the surge protective device specified in Section 16412–Surge Protective Devices (SPD) for the main switchgear SWGR-35 only. For all remote MCCs (MCC-10, MCC-35, MCC-45, MCC-70, and MCC-75), provide surge protective devices manufactured by MCG, 160M Series, or equal, in lieu of the specified device. Provide a credit for the change in equipment.

Joey Metzloff

From: Sebold, Tina [Tina.Sebold@strand.com]
Sent: Wednesday, January 14, 2015 10:07 AM
To: joey@wbci.us
Cc: gswanson@moline.il.us; Fortune, Robert; Tetzlaff, Sacha
Subject: Moline NS CPR-001 Clarification
Attachments: CPR-001.surge devices.pdf

Joey,

The following clarification applies to CPR 001 (attached.)

CPR 001 indicates:

"For all remote MCCs (MCC-10, MCC-35, MCC-45, MCC-70, and MCC-75), provide surge protective devices manufactured by MCG, 160M Series, or equal, in lieu of the specified device."

Clarification: ADD "Provide surge protective devices manufactured by MCG, 160M Series, or equal, in lieu of the specified device in Structure 80 at PP-80 and in Structure 90 at LP-90."
"

Contact me with questions.

Tina M. Sebold, P.E. | Senior Associate
Strand Associates, Inc. | 910 W. Wingra Drive, Madison, WI 53901
608-251-4843 Office | 608-251-2129, x-1077 Direct www.strand.com<<http://www.strand.com>>

PROPOSAL

Phone 608.222.8622
Fax 608.222.9414



Altronex Control Systems

A Division of L. W. Allen, Inc.

Excellence, By Design

4633 Tompkins Drive
Madison, WI 53716

Williams Brothers Construction
Attn: Joey Metzloff

PROPOSAL ID: 15010614MMB
REFERENCE: CPR-001-SPD
LOCATION: Moline North Slope WWTP
BID DATE: January 6, 2015

TERMS: NET-30 DAYS PER ATTACHED TERMS AND CONDITIONS

FREIGHT IS F.O.B. ORIGIN – ALLOWED

ADDENDUM __ ACKNOWLEDGED

PRICES DO NOT INCLUDE SALES OR USE TAXES

ITEM	QUAN	DESCRIPTION	TOTAL PRICE
A	1	L.W. Allen and its Altronex Control Systems division are pleased to provide a quotation for the following equipment and services based on Strand Associates Cost Proposal Request No. 001 Provide the surge protective devices specified in Section 16412—Surge Protective Devices (SPD) for the Main Switchgear SWGR-35 only. For all remote MCC's (MCC-10, MCC-35, MCC-45, MCC-70, and MCC-75), provide surge protective devices manufactured by MCG, 160M Series, or equal, in lieu of the specified device. Total Deduct...	(\$49,340.00)
		<u>Breakout Pricing of Above Proposal</u>	
	5	Current Technology Series CGP80 Suppressor Filter Systems for mounting in MCC's as original specified. \$12,830.00 each. \$64,150.00 Total	
	5	MCG Model 160M Series TVSS for installation in MCC's \$2,962.00 each. \$14,810.00 Total	
		Note: Above pricing includes 5% credit.	

ACCEPTED THIS _____ DAY OF _____, 20____

PRICE FIRM FOR 30 DAYS

SUBMITTED THIS:

January 06, 2015

NAME OF PURCHASER

BY: _____

L.W. ALLEN, INC.-BY:

NAME & TITLE

Mike Bewick

Terms and Conditions

Controlling Provisions: These terms and conditions shall supersede any provisions, terms, and conditions contained on any purchase order or other written form Buyer may use or provide (whether received by Seller prior or subsequent to date hereof), and the rights of the parties shall be governed exclusively by the provisions, terms, and conditions hereof.

Quotations and Acceptance: Acceptance of a quotation, whether by a separate purchase order or by other means, shall constitute an acknowledgment and approval of the quotation as written and an acceptance of the Terms and Conditions hereof. Written quotations shall expire on the date specified in the quotation or, in the absence of such specification, thirty calendar days from the date issued. Seller may, by written notice, terminate a quotation at any time prior to acceptance. Any purchase order received after expiration of a quotation, which Seller honors, shall be subject to all of the Terms and Conditions hereof.

Submittal Drawings: Submittal of drawings for approval, if required, will be made after receipt of complete information from buyer. The quantity of the submittal drawings will be as specified in the contract documents. Additional sets will be supplied at \$150.00 per set. Return to Seller of one (1), final approved drawing constitutes notice to Seller to proceed with manufacturer. If this order is conditioned upon "engineer approval" Seller requires written notification from buyer in the form of approved submittal data.

Force Majeure: Seller shall not be liable for failure to deliver or perform, for any delay in the performance of orders or contracts, or in the delivery of shipment of goods, or for any damages suffered by the buyer due to such delay or failure, when the delay or failure is, directly or indirectly, caused by or arises from delays of suppliers or carriers or any other cause beyond Seller's control.

Prices and Taxes: All prices are F.O.B. factory unless expressly stated otherwise. Prices do not include sales, excise, municipal, state or other governmental taxes. Buyer shall be responsible for all taxes.

Credit Approval: The credit terms specified on the face hereof are subject to Seller's continuing approval of Buyer's credit. Seller may withdraw the extension of credit and require modified payment terms if, in Seller's sole judgment, Buyer's credit or financial standing is impaired to the point where Seller in good faith deems itself insecure.

Delivery: Unless otherwise specified in this quotation, delivery will be F.O.B. Seller's point of shipment. Buyer will accept delivery within twenty (20) days after Seller notifies Buyer that the equipment is ready for shipment. If Buyer does not furnish exact shipping instructions within ten (10) days after acceptance of this proposal, Seller will select, at its discretion, the means and terms of shipment. Seller will not be liable for any loss resulting from such selection. The time of delivery is an estimate only, and Seller may change such time if it does not receive the information and approvals necessary to proceed with the manufacture of equipment.

Title, Risk of Loss, Inspection of Equipment: Title and risk of loss to the equipment shall pass to Buyer upon delivery of the equipment to the carrier. Buyer shall immediately inspect equipment upon receipt and any damage must be noted on the carrier's bill of lading at time of receipt. Seller is not liable for any shortages or nonconformance unless notified by Buyer within 10 days of Buyer's receipt of the equipment. Buyer will make all claims for loss or damage in transit against the carrier.

Changes, Cancellations, Returns: All changes, cancellations, or returns must have Seller's prior written approval and are conditional on compliance with manufacturer's cancellation/return policies and subject to restocking fees and service charges. Authorized returned equipment must be packaged and shipped prepaid to manufacturer.

Payment: Unless the Seller extends alternative credit terms, 90% of the total purchase price is due net 30 days after delivery of equipment (but in all cases prior to field service start-up, if earlier) and the remaining 10% is due upon start-up of equipment by Seller's field technician, but in no event more than 90 days after shipment of equipment. Any balance owed by Buyer after the due date is subject to a 1.5% per month delinquency charge until paid. **FIELD START-UP SERVICE CANNOT BE AUTHORIZED WITHOUT RECEIPT OF PAYMENT IN THE AMOUNT OF 90% OF THE TOTAL PURCHASE PRICE.** If no start-up is required, 100% payment is due net 30 days from invoice date. **BUYER'S PAYMENT OBLIGATION IS IN NO WAY CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY.**

Indemnification and Default: In addition to all other amounts due hereunder, buyer shall reimburse Seller in full for all collection costs or changes, including reasonable attorney fees, which Seller may incur in the collection of past due amounts from buyer, including interest on overdue accounts. If buyer is in default under this or any other agreement with Seller, Seller may defer performance hereunder until such default is cured. Seller shall have no obligation to provide factory startup assistance and/or factory training until all invoices (including retentions) for equipment have been paid in full.

Security Interest: Seller shall retain a security interest in the equipment until the full purchase price has been paid. Buyer's failure to pay any amounts due shall give Seller the right to possession and removal of the equipment after providing ten (10) days written notice. Seller's taking of such possession shall be without prejudice to any other remedies Seller may have.

Warranty and Liability: Buyer shall have such warranty rights, and only such warranty rights, as may be extended by the manufacturer of the product. The terms and conditions of any such warranty rights are set forth in the Manufacturer's Operation/Maintenance Manual which accompanies each product. Seller does not otherwise offer any guaranty or warranty for the product. Seller disclaims any and all warranties; express or implied, including the warranties of merchantability and fitness, except as may be set forth in the terms and conditions of sale in this Agreement or in any express written warranty which seller may have otherwise extended to Buyer for the product.

Seller shall not be liable for any damages, charges for labor, or expense in making repairs or adjustments to the product without prior written approval of Seller. Seller shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data or service by Buyer or any third party. Seller shall not be liable for startup or any other field work performed by personnel other than authorized representatives of Seller unless expressly approved in writing in advance by Seller. Seller shall in no event be liable for any consequential, incidental or liquidated damages or penalties. Seller's liability under this Agreement shall in no event exceed the lesser of: (i) the cost of remediating any defect or deficiency in the performance of Seller hereunder; or (ii) the purchase price of the product in respect of which the claim is made.

Operation/Maintenance Manuals: Buyer's installation, maintenance and operation manuals will be furnished in the number of copies specified at the time of quotation in contract documents. If none specified, one will be provided at no added cost, with additional copies at \$150.00 each.

Electrical Construction
Residential Services
Renewable Energy
Power Testing Solutions
Engineering & Integration
Service
Structured Cabling
Security Solutions
Telecommunications
Audio/Visual



Tri-City Electric Co.
Since 1895

6225 N. Brady Street
Davenport, IA 52806
telephone.563.322.7181
fax.563.322.1643
www.tricityelectric.com

January 19, 2015

TO: Williams Brothers Construction, Inc.
Mr. Joey Metzloff, Project Manager
1200 E Kelly Ave.
Peoria Heights, IL 61616

RE: North Slope WWTP Improvements – CPR: 001.

Dear Joey:

Tri-City Electric Company would like to offer the following credit of <\$12,605.63> for the substitution of (2) Current Technologies SPDs with (2) MCG SPDs for panels LP-80 and LP-90.

Breakout of credit:

Current Tech SPD: $(9,852.00 \times 2) \$19,704.00 \times 5\% \text{ markup} = \$20,689.20$

MCG SPD: $(\$3,514.60 \times 2) \$7029.19 \times 15\% \text{ markup} = \$8,083.57$

Please feel free to contact me at this office with any questions.

Sincerely,

Andy Ernat
Project Manager



ELECTRICAL ENGINEERING & EQUIPMENT CO.
 206 EAST 5TH
 DAVENPORT, IA52801
 (563)323-2214 FAX (563)323-2261
 www.3e-co.com

QUOTE

TAKEN BY	QUOTE DATE	QUOTE NO.
jc1e	11/17/14	4122976-00
P.O. NO.		PAGE #
CURRENT TECH SPD		1
PLACED BY	ANDY	

CUST.#: 267861
 SHIP TO: TRI-CITY ELECTRIC CO. OF IOWA
 NORTH SLOPE WWTP
 007 1ST AVE
 MOLINE, IL 61265

BILL TO: TRI-CITY ELECTRIC CO. OF IOWA
 6225 N BRADY ST
 DAVENPORT, IA 52806

CORRESPONDENCE TO: Electrical Engineering &
 Equipment Co.
 953 73rd St.
 WINDSOR HEIGHTS, IA 50324

INSTRUCTIONS	REFERENCE	CASH DISCOUNT:
SHIP POINT	SHIP VIA	IF PAID BY:
3E - DAVENPORT	3E TRUCK	

LINE NO.	PRODUCT AND DESCRIPTION	QUANTITY ORDERED	QUANTITY B.O.	QTY. SHIPPED	QTY. U/M	NET PRICE	AMOUNT (NET)
1	MISC SL3-200 MNT-M3-F2 Non Stock ***** 3 LOCATIONS SWGR-35 (1) LP-80 (1) LP-90 (1) THIS IS THE SAME PRICE AS YOU PURCHASE DIRECT. THIS DOESN'T HAVE ANY MARK UP ON IT. 3E WILL HANDLE AS A VALUE ADD SERVICE FOR TRI CITY ELECTRIC. *****	3			each	9627.00	28881.00
2	MISC HPI-6*-05 PRICE PER 5 FT	2			each	225.00	450.00
3	MISC TIMEMARKC269 VOLTAGE MONITOR C269	3			each	0.00	0.00
3	Lines Total				Total		29331.00
					Invoice Total		29331.00



ELECTRICAL ENGINEERING & EQUIPMENT CO.
 206 EAST 5TH
 DAVENPORT, IA52801
 (563)323-2214 FAX (563)323-2261
 www.3e-co.com

QUOTE

CUST.#: 267861
 SHIP TO: TRI-CITY ELECTRIC CO. OF IOWA
 NORTH SLOPE WWTP
 007 1ST AVE
 MOLINE, IL 61265

TAKEN BY	QUOTE DATE	QUOTE NO.
jcle	01/15/15	4177503-00
P.O. NO.		PAGE #
MCG CHANGE ORDER QUOTE		1
PLACED BY	A ERNAT	

BILL TO: TRI-CITY ELECTRIC CO. OF IOWA
 6225 N BRADY ST
 DAVENPORT, IA 52806

CORRESPONDENCE TO: Electrical Engineering &
 Equipment Co.
 953 73rd St.
 WINDSOR HEIGHTS, IA 50324

INSTRUCTIONS	REFERENCE	CASH DISCOUNT
SHIP POINT	SHIP VIA	SHIPPED
3E - DAVENPORT	3E TRUCK	IF PAID BY:

LINE NO.	PRODUCT AND DESCRIPTION	QUANTITY ORDERED	QUANTITY B.O.	QTY. SHIPPED	QTY. UIM	NET PRICE	AMOUNT (NET)
1	MISC 160M-480D MCG SURGE PROTECTION 480V NO MODBUS/NO TEST	2			each	3514.60	7029.19
1	Lines Total.				Total		7029.19
					Invoice Total		7029.19



**WILLIAMS
BROTHERS
CONSTRUCTION, INC**

Letter of Transmittal

Item 2b

Date January 19, 2015

TO: Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope
007 1st Avenue
Moline, Illinois 61265
Purchase Order No. CWA-478

ATTN: Tina Sebold

GENTLEMEN:
WE ARE SENDING YOU

- HEREWITH
- UNDER SEPARATE COVER
- BY MESSENGER

THE FOLLOWING DRAWINGS:

LATEST DATE	Submittal NO.	NO. OF COPIES	DESCRIPTION	VENDOR	STATUS
01/19/15		1	CPR No. 2- Add shaft Grounding Rings to RAS Pumps	Various	For Approval

- FOR YOUR APPROVAL AND/OR CORRECTION; RETURN _____ COPIES _____
- PROCEED WITH FABRICATION _____
- CORRECT AND RESUBMIT _____ COPIES _____
- FOR YOUR FILES AND/OR JOB USE _____
- FOR YOUR ESTIMATING USE; PLEASE PROVIDE US WITH YOUR PROPOSAL BY _____
- DELIVERY REQUIRED _____

COMMENTS

Please let us know if additional information is needed to process the RFP.

C.C. File _____
Job _____

WILLIAMS BROTHERS CONSTRUCTION INC.

BY  _____
Joey Metzloff



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 03/07/15

RFP No. 2

Engineer:
Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline
PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Revise Surge Protection Device Requirments

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$608.00	\$0.00	\$608.00
B. LABOR-	\$0.00	\$0.00	\$0.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY	(1% of LABOR) - Deletion -0-		\$0.00
2. EXPENDABLE TOOLS	(2.5% of LABOR) - Deletion -0-		\$0.00
E. NET TOTAL	(A+B+C)		\$608.00
F. OVERHEAD AND PROFIT	(E x 15%) - Deletion -0-		\$91.20
G. TOTAL WORK PERFORMED BY CONTRACTOR	(Lines E+F+D1+D2)		\$699.20

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Tri Cities Electric		\$0.00
2. Altronix		\$0.00
3.		
4.		
H.		\$0.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$0.00
J. PROPOSAL	(Lines G+H+I)	\$699.20
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$3.43
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0-	\$2.66

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP ~~increase~~ (decrease) in contract amount **\$705**

N. The work for this RFP will require and extension of time of 1/4 Calendar Days.

CONTRACTOR

(SIGNATURE).....

Joy Metzloff
Joy Metzloff

Title: Project Manager

Date: 03/07/15



Cost Proposal Request
North Slope WWTP Improvements
City of Moline
Contract 1-2014
December 23, 2014

COST PROPOSAL NO.: 002

TO: Williams Brothers Construction Inc.
ISSUED BY: Tina Sebold

DISTRIBUTION

Joey Metzloff	Williams Brothers Construction
Greg Swanson	City of Moline
Sacha Tetzlaff/Rob Fortune	Strand Associates, Inc.®

Please submit an itemized quotation for changes in the Contract Price and Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTIONS AFFECTING THE SPECIFICATIONS

002-01 Provide the RAS pump motors (RASP-45-01 through RASP-45-03) with shaft grounding rings. Grounding rings shall be manufactured by Aegis, or equal.

Joey Metzloff

From: Rich Hussey [RHussey@lai-ltd.com]
Sent: Monday, January 05, 2015 9:57 AM
To: Joey Metzloff
Subject: RE: Moline WWTP- CPR 002 (RAS Pump Grounding Rings)

Joey,

Have requested a cut sheet from Wemco per our discussion.

The total price for the item to be added to the motors is \$608.00. Any labor costs are by others.

If you have any questions or need additional information, please let me know.

Sincerely,

Richard Hussey, P.E.
LAI Ltd
5400 Newport Drive, Suite 10
Rolling Meadows, IL 60008
P: 847 392 0990
F: 847 392 1095
C: 847 989 5422 – Best Way to Reach Me

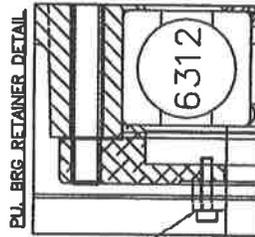
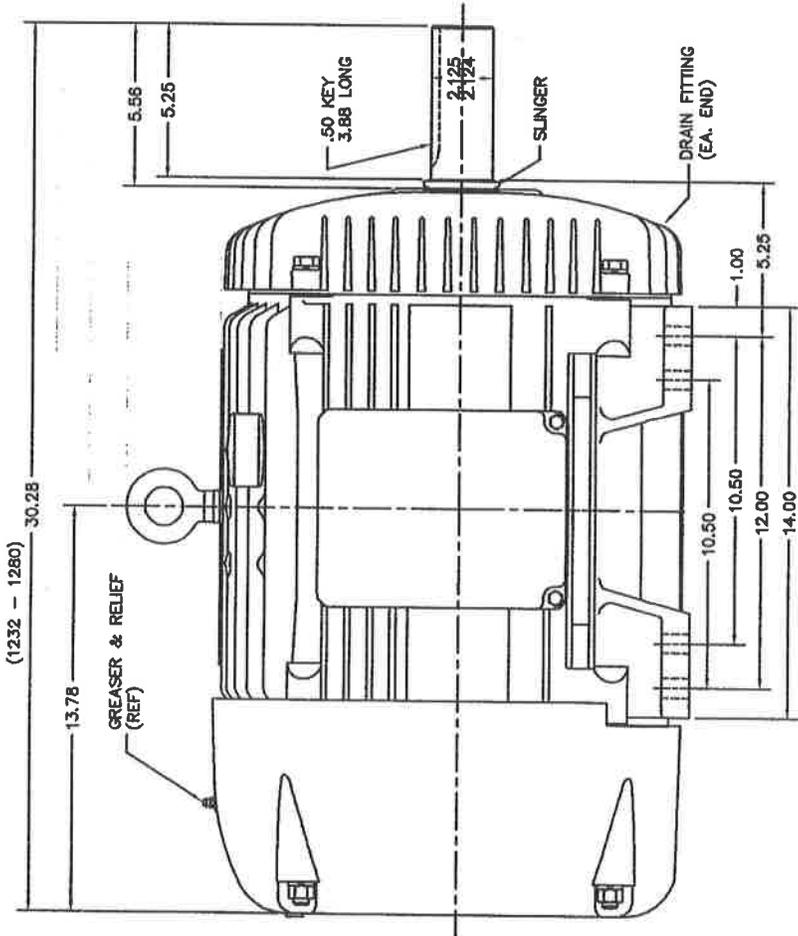
From: Joey Metzloff [mailto:joey@wbci.us]
Sent: Monday, December 29, 2014 12:57 PM
To: Rich Hussey; 'Ernat, Andy'; mbewick@lwallen.com
Cc: roger.wbci@gmail.com; nmullen.wbci@gmail.com
Subject: Moline WWTP- CPR 002 (RAS Pump Grounding Rings)

Attached is a copy of CPR 002, for surge device revisions at the Moline WWTP. We request review the attached CPR and provide pricing for the work by Wednesday, January 7, 2015. As always, we request you provide a complete proposal, which includes labor, material, and equipment breakdowns. We also request you notify us if you do not have costs associated with the revisions. Contact us if additional information is needed or if there are questions or comments.

Joey Metzloff
Williams Brothers Construction Inc.
Project Manager
P.O. Box 1366
Peoria, IL 61654
Ph: 309-688-0416
Fax: 309-688-0891
Cell: 309-303-3748
joey@wbci.us

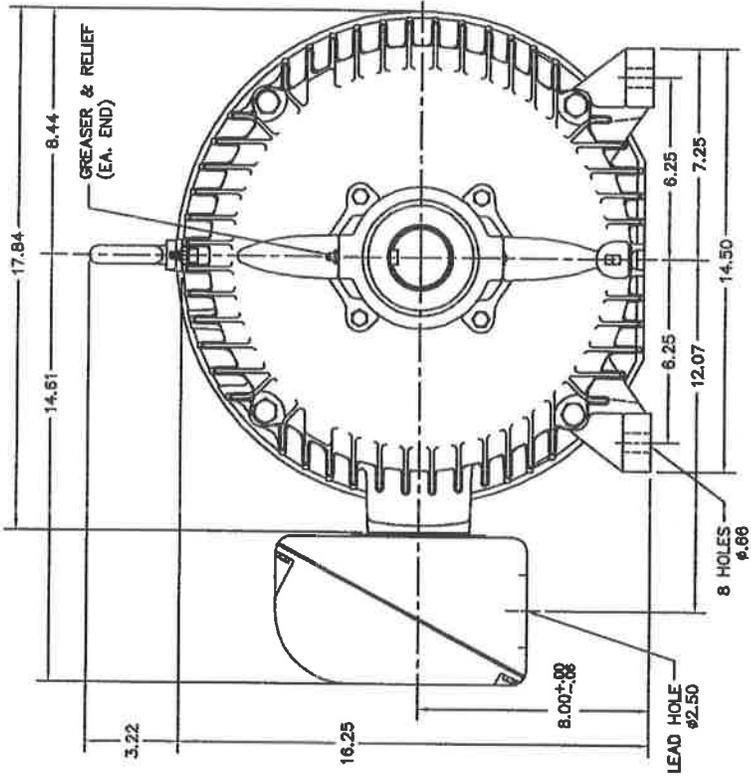
PLEASE NOTE: This e-mail message and any documents accompanying this transmission may contain privileged and/or confidential information and is intended solely for the addressee (s) named above. If you are not the intended addressee/recipient, you are hereby notified that any use of, disclosure, copying, distribution, or reliance on the contents of this e-mail information is strictly prohibited and may result in legal action against you. Please reply to the sender advising of the error in transmission and immediately delete/destroy the message and any accompanying documents.

(1232 - 1280)



INT SH GND
BP5307

12LYF882



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: CHG 12SF1108A1B TO 12SF1108A01 AND CHG DRWNS

REV. LTR: A

VERSION: 01

FILE: \AAA\00174\271

REVISED: 02.30.48 04/28/2014

BY: ENBRISO

MTL: --

TDR: 000000850392

BY: ENBRISO

REVISED: 02.30.48 04/28/2014

FILE: \AAA\00174\271

MTL: --

BALDOR

HORZ TEFC 324-6T W/INT SH GND

SH 1 of 1

12LYF882

Joey Metzloff

From: Mike Bewick [mbewick@lwallen.com]
Sent: Wednesday, December 31, 2014 2:26 PM
To: Joey Metzloff
Cc: Kurt Atwood; Paul Hamelink
Subject: RE: Moline WWTP- CPR 002 (RAS Pump Grounding Rings)

Joey,

We do not have any work related to CPR-002 (RAS Pump Grounding Rings)

I will get you our deduct pricing for CPR-001 (Surge Devices) early next week.

Mike Bewick
Electrical Sales Engineer
Altronex Control Systems
Division of L.W. Allen Inc.
4633 Tompkins Drive
Madison, WI 53716
(608) 222-8622 Ext. 1461
mbewick@lwallen.com

From: Joey Metzloff [<mailto:joey@wbci.us>]
Sent: Monday, December 29, 2014 12:57 PM
To: 'Rich Hussey'; 'Ernat, Andy'; Mike Bewick
Cc: roger.wbci@gmail.com; nmullen.wbci@gmail.com
Subject: Moline WWTP- CPR 002 (RAS Pump Grounding Rings)

Attached is a copy of CPR 002, for surge device revisions at the Moline WWTP. We request review the attached CPR and provide pricing for the work by Wednesday, January 7, 2015. As always, we request you provide a complete proposal, which includes labor, material, and equipment breakdowns. We also request you notify us if you do not have costs associated with the revisions. Contact us if additional information is needed or if there are questions or comments.

Joey Metzloff
Williams Brothers Construction Inc.
Project Manager
P.O. Box 1366
Peoria, IL 61654
Ph: 309-688-0416
Fax: 309-688-0891
Cell: 309-303-3748
joey@wbci.us

PLEASE NOTE: This e-mail message and any documents accompanying this transmission may contain privileged and/or confidential information and is intended solely for the addressee (s) named above. If you are not the intended addressee/recipient, you are hereby notified that any use of, disclosure, copying, distribution, or reliance on the contents of this e-mail information is strictly prohibited and may result in legal action against you. Please reply to the sender advising of the error in transmission and immediately delete/destroy the message and any accompanying documents.



Cost Proposal Request
North Slope WWTP Improvements
City of Moline
Contract 1-2014
February 23, 2015

Item 2c

COST PROPOSAL NO.: 003

TO: Williams Brothers Construction Inc.
ISSUED BY: Tina Sebold

DISTRIBUTION

Joey Metzloff	Williams Brothers Construction
Greg Swanson	City of Moline
Rob Fortune	Strand Associates, Inc.®

Please submit an itemized quotation for changes in the Contract Price and Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTIONS AFFECTING THE DRAWINGS

- 003-01 Drawing 99-ASM6.01 - On the Door Schedule, change floor door 4504D size to 4'-0" x 6'-6". On Drawing 45-ASM1.02, the floor door shall be centered below the monorail and the south side of the floor door opening shall be 12'-0" from the interior face of the south wall.
- 003-02 Drawing 99-ASM6.01 - On the Door Schedule, change floor door 7003D size to 7'-0" x 5'-0". On Drawing 70-ASM1.02, the floor door shall be centered below the monorail and the west side of the floor door opening shall be 8'-0" from the interior face of the Upper Level Room 7003 west wall.



**WILLIAMS
BROTHERS
CONSTRUCTION, INC.**

Letter of Transmittal

Item 2d

Date March 22, 2015

TO: Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope
007 1st Avenue
Moline, Illinois 61265
Purchase Order No. CWA-478

ATTN: Tina Sebold

GENTLEMEN:
WE ARE SENDING YOU

- HEREWITH
- UNDER SEPARATE COVER
- BY MESSENGER

THE FOLLOWING DRAWINGS:

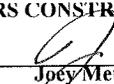
LATEST DATE	Submittal NO.	NO. OF COPIES	DESCRIPTION	VENDOR	STATUS
03/22/15		1	CPR-004 Influent	Various	For Approval

- FOR YOUR APPROVAL AND/OR CORRECTION; RETURN _____ COPIES _____
- PROCEED WITH FABRICATION _____
- CORRECT AND RESUBMIT _____ COPIES _____
- FOR YOUR FILES AND/OR JOB USE _____
- FOR YOUR ESTIMATING USE; PLEASE PROVIDE US WITH YOUR PROPOSAL BY _____
- DELIVERY REQUIRED _____

COMMENTS

C.C. File _____
Job _____

WILLIAMS BROTHERS CONSTRUCTION INC.

BY 
Joey Metzloff



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 03/28/15

RFP No.

Engineer:

Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline

PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Influent Building Micropiles

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$0.00	\$0.00	\$0.00
B. LABOR-	\$0.00	\$0.00	\$0.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$0.00
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$0.00
E. NET TOTAL		(A+B+C)	\$0.00
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$0.00
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$0.00

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Altronix		\$2,718.00
2. TCE (No onsite work)		\$0.00
3. Concrete Testing		\$0.00
4.		
H.		\$2,718.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$135.90
J. PROPOSAL	(Lines G+H+I)	\$2,853.90
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$13.98
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	\$10.84

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP increase (decrease) in contract amount	\$2,879
N. The work for this RFP will require and extension of time of <u>0</u> Calendar Days.	

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 03/28/15



Cost Proposal Request
North Slope WWTP Improvements
City of Moline
Contract 1-2014
March 11, 2015

COST PROPOSAL NO.: 004

TO: Williams Brothers Construction Inc.
ISSUED BY: Tina Sebold

DISTRIBUTION

Joey Metzloff	Williams Brothers Construction
Greg Swanson	City of Moline
Rob Fortune	Strand Associates, Inc.®

Please submit an itemized quotation for changes in the Contract Price and Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTIONS AFFECTING THE SPECIFICATIONS

Section 16940--Controls and Instrumentation, 3.08 SUPERVISORY CONTROL CENTER (SCC-10, INFLUENT PUMPING STATION AND SCREENING BUILDING)

004-01 Provide a PLC as manufactured by Allen-Bradley, Micrologix 1100, or equal, and interface card as required in SCC-10 to communicate with the MAS units associated with influent pumps IP-10-01 through IP-10-05. The RS485 outputs from the MAS units shall be daisy-chained together and terminated at the Micrologix 1100 PLC. Provide an Ethernet connection between the Micrologix 1100 PLC and the SCC-10 network switch such that all data points listed in Section 16990-SCADA I/O Listing for the influent pumps are monitored at the main SCC-10 PLC.

PROPOSAL

Phone 608.222.8622
Fax 608.222.9414



Altronex Control Systems

A Division of L. W. Allen, Inc.

Excellence, By Design

4633 Tompkins Drive
Madison, WI 53716

Williams Brothers Construction
P.O. Box 1366
Peoria, IL 61654

PROPOSAL ID: 15031212MKA
REFERENCE: WWTF CPR-004
LOCATION: Moline, IL
BID DATE:

TERMS: NET-30 DAYS PER ATTACHED TERMS AND CONDITIONS
ADDENDUM __ ACKNOWLEDGED

FREIGHT IS F.O.B. ORIGIN – ALLOWED
PRICES DO NOT INCLUDE SALES OR USE TAXES

ITEM	QUAN	DESCRIPTION	TOTAL PRICE
A	1	L.W. Allen and its Altronex Control Systems division are pleased to provide a quotation for the following equipment and services. CPR-004, Supply a Micrologix 1100 to convert the RS-485 communications to Ethernet. The specified Flygt MAS 711 Monitoring System doesn't offer communications via Ethernet. Since the PLC only communicates via Ethernet, a conversion unit is required. The MAS only communicates via RS-485. We'll supply a Micrologix 1100 and NET-AIC to convert the RS-485 to Ethernet. Only one 1100 and NET-AIC will be required. The (5) MAS units can be wired in parallel with the NET-AIC.	\$2,718.00
B	5	Per Flygt, the MAS 711 units cannot be mounted in the same enclosure as 480 VAC equipment. Since we have to mount the unit in the same MCC structure as the VFD, they recommend mounting the MAS unit in a separate steel enclosure to reduce noise. The display and communications cable will not be shielded from 480 VAC. We'll provide 5 steel enclosures with mounting pans, one for each influent pump.	\$1,065.00

ACCEPTED THIS _____ DAY OF _____, 20____

PRICE FIRM FOR 30 DAYS

NAME OF PURCHASER

SUBMITTED THIS:

March 12, 2015

BY: _____
NAME & TITLE

L.W. ALLEN, INC.-BY:

Kurt Atwood

Kurt Atwood

Terms and Conditions

Controlling Provisions: These terms and conditions shall supersede any provisions, terms, and conditions contained on any purchase order or other written form Buyer may use or provide (whether received by Seller prior or subsequent to date hereof), and the rights of the parties shall be governed exclusively by the provisions, terms, and conditions hereof.

Quotations and Acceptance: Acceptance of a quotation, whether by a separate purchase order or by other means, shall constitute an acknowledgment and approval of the quotation as written and an acceptance of the Terms and Conditions hereof. Written quotations shall expire on the date specified in the quotation or, in the absence of such specification, thirty calendar days from the date issued. Seller may, by written notice, terminate a quotation at any time prior to acceptance. Any purchase order received after expiration of a quotation, which Seller honors, shall be subject to all of the Terms and Conditions hereof.

Submittal Drawings: Submittal of drawings for approval, if required, will be made after receipt of complete information from buyer. The quantity of the submittal drawings will be as specified in the contract documents. Additional sets will be supplied at \$150.00 per set. Return to Seller of one (1), final approved drawing constitutes notice to Seller to proceed with manufacturer. If this order is conditioned upon "engineer approval" Seller requires written notification from buyer in the form of approved submittal data.

Force Majeure: Seller shall not be liable for failure to deliver or perform, for any delay in the performance of orders or contracts, or in the delivery of shipment of goods, or for any damages suffered by the buyer due to such delay or failure, when the delay or failure is, directly or indirectly, caused by or arises from delays of suppliers or carriers or any other cause beyond Seller's control.

Prices and Taxes: All prices are F.O.B. factory unless expressly stated otherwise. Prices do not include sales, excise, municipal, state or other governmental taxes. Buyer shall be responsible for all taxes.

Credit Approval: The credit terms specified on the face hereof are subject to Seller's continuing approval of Buyer's credit. Seller may withdraw the extension of credit and require modified payment terms if, in Seller's sole judgment, Buyer's credit or financial standing is impaired to the point where Seller in good faith deems itself insecure.

Delivery: Unless otherwise specified in this quotation, delivery will be F.O.B. Seller's point of shipment. Buyer will accept delivery within twenty (20) days after Seller notifies Buyer that the equipment is ready for shipment. If Buyer does not furnish exact shipping instructions within ten (10) days after acceptance of this proposal, Seller will select, at its discretion, the means and terms of shipment. Seller will not be liable for any loss resulting from such selection. The time of delivery is an estimate only, and Seller may change such time if it does not receive the information and approvals necessary to proceed with the manufacture of equipment.

Title, Risk of Loss, Inspection of Equipment: Title and risk of loss to the equipment shall pass to Buyer upon delivery of the equipment to the carrier. Buyer shall immediately inspect equipment upon receipt and any damage must be noted on the carrier's bill of lading at time of receipt. Seller is not liable for any shortages or nonconformance unless notified by Buyer within 10 days of Buyer's receipt of the equipment. Buyer will make all claims for loss or damage in transit against the carrier.

Changes, Cancellations, Returns: All changes, cancellations, or returns must have Seller's prior written approval and are conditional on compliance with manufacturer's cancellation/return policies and subject to restocking fees and service charges. Authorized returned equipment must be packaged and shipped prepaid to manufacturer.

Payment: Unless the Seller extends alternative credit terms, 90% of the total purchase price is due net 30 days after delivery of equipment (but in all cases prior to field service start-up, if earlier) and the remaining 10% is due upon start-up of equipment by Seller's field technician, but in no event more than 90 days after shipment of equipment. Any balance owed by Buyer after the due date is subject to a 1.5% per month delinquency charge until paid. **FIELD START-UP SERVICE CANNOT BE AUTHORIZED WITHOUT RECEIPT OF PAYMENT IN THE AMOUNT OF 90% OF THE TOTAL PURCHASE PRICE.** If no start-up is required, 100% payment is due net 30 days from invoice date. **BUYER'S PAYMENT OBLIGATION IS IN NO WAY CONTINGENT UPON BUYER'S RECEIPT OF PAYMENT FROM ANY OTHER PARTY.**

Indemnification and Default: In addition to all other amounts due hereunder, buyer shall reimburse Seller in full for all collection costs or changes, including reasonable attorney fees, which Seller may incur in the collection of past due amounts from buyer, including interest on overdue accounts. If buyer is in default under this or any other agreement with Seller, Seller may defer performance hereunder until such default is cured. Seller shall have no obligation to provide factory startup assistance and/or factory training until all invoices (including retentions) for equipment have been paid in full.

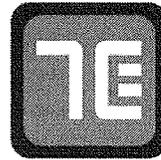
Security Interest: Seller shall retain a security interest in the equipment until the full purchase price has been paid. Buyer's failure to pay any amounts due shall give Seller the right to possession and removal of the equipment after providing ten (10) days written notice. Seller's taking of such possession shall be without prejudice to any other remedies Seller may have.

Warranty and Liability: Buyer shall have such warranty rights, and only such warranty rights, as may be extended by the manufacturer of the product. The terms and conditions of any such warranty rights are set forth in the Manufacturer's Operation/Maintenance Manual which accompanies each product. Seller does not otherwise offer any guaranty or warranty for the product. Seller disclaims any and all warranties; express or implied, including the warranties of merchantability and fitness, except as may be set forth in the terms and conditions of sale in this Agreement or in any express written warranty which seller may have otherwise extended to Buyer for the product.

Seller shall not be liable for any damages, charges for labor, or expense in making repairs or adjustments to the product without prior written approval of Seller. Seller shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data or service by Buyer or any third party. Seller shall not be liable for startup or any other field work performed by personnel other than authorized representatives of Seller unless expressly approved in writing in advance by Seller. Seller shall in no event be liable for any consequential, incidental or liquidated damages or penalties. Seller's liability under this Agreement shall in no event exceed the lesser of: (i) the cost of remedying any defect or deficiency in the performance of Seller hereunder; or (ii) the purchase price of the product in respect of which the claim is made.

Operation/Maintenance Manuals: Buyer's installation, maintenance and operation manuals will be furnished in the number of copies specified at the time of quotation in contract documents. If none specified, one will be provided at no added cost, with additional copies at \$150.00 each.

Electrical Construction
Residential Services
Renewable Energy
Power Testing Solutions
Engineering & Integration
Service
Structured Cabling
Security Solutions
Telecommunications
Audio/Visual



Tri-City Electric Co.
Since 1895

6225 N. Brady Street
Davenport, IA 52806
telephone.563.322.7181
fax.563.322.1643
www.tricityelectric.com

March 20, 2015

TO: Williams Brothers Construction, Inc.
Mr. Joey Metzloff, Project Manager
1200 E Kelly Ave.
Peoria Heights, IL 61616

RE: North Slope WWTP Improvements – CPR: 004. Quote# 2692-0

Dear Joey:

Please review the following scope of work.

- Provide material and labor to install a control cable from the MAS 711 units to the control cable junction box for each influent pump IP-10-01 – IP-10-05. The cables for each pump will be routed in a single conduit from MCC-10 to the first control cable junction box, and daisy chain to the rest of the control cable junction boxes.

Tri-City Electric Company would like to offer the following Lump Sum proposal of \$3,939.47 for this scope of work.

Breakout of proposal:

Electrical General Foreman: \$67.63 x 2 hours x 15% markup	= \$155.54
Electrical Journeyman: \$62.37 x 21.92 hours x 15% markup	= \$1,572.22
Materials and Consumables: \$1,923.23 x 15% markup	= \$2,211.71

Please feel free to contact me at this office with any questions.

Sincerely,

Andy Ernat
Project Manager

1,345	3/4 FEMALE VERT/HORZ S	<input type="checkbox"/>	5.00	\$31.82	E	E	\$0.00	\$159.12	0.45	E	2.25
1,353	1-1/2 FEMALE VERT/HORZ S	<input type="checkbox"/>	1.00	\$39.00	E	E	\$0.00	\$39.00	0.60	E	0.60
2,206	3/4" CUT & THREAD	<input type="checkbox"/>	6.00	\$0.00	E	E	\$0.00	\$0.00	0.18	E	1.08
2,207	1" CUT & THREAD	<input type="checkbox"/>	1.00	\$0.00	E	E	\$0.00	\$0.00	0.21	E	0.21
2,208	1-1/4" CUT & THREAD	<input type="checkbox"/>	2.00	\$0.00	E	E	\$0.00	\$0.00	0.25	E	0.50
2,209	1-1/2" CUT & THREAD	<input type="checkbox"/>	3.00	\$0.00	E	E	\$0.00	\$0.00	0.28	E	0.84
2,683	3/4 LOCKNUT	<input type="checkbox"/>	5.00	\$16.88	C	E	\$0.00	\$0.84	3.50	C	0.18
2,697	3/4 SEALING LOCKNUT	<input type="checkbox"/>	5.00	\$109.23	C	E	\$0.00	\$5.46	4.50	C	0.23
2,852	1-3/4 REDUCING BUSHING	<input type="checkbox"/>	2.00	\$162.77	C	E	\$0.00	\$3.26	4.00	C	0.08
2,855	1 1/4-3/4 REDUCING BUSH	<input type="checkbox"/>	2.00	\$540.02	C	E	\$0.00	\$10.80	5.00	C	0.10
2,856	1 1/4-1 REDUCING BUSH	<input type="checkbox"/>	1.00	\$440.46	C	E	\$0.00	\$4.40	5.00	C	0.05
2,857	1 1/2-1 1/4 REDUCE BUSH	<input type="checkbox"/>	1.00	\$588.81	C	E	\$0.00	\$5.89	6.00	C	0.06
2,859	1 1/2-3/4 REDUCING BUSH	<input type="checkbox"/>	1.00	\$1,200.47	C	E	\$0.00	\$12.00	6.00	C	0.06
4,145	1 1/2 GRC/PVC COATED	<input type="checkbox"/>	10.00	\$892.42	C	E	\$0.00	\$89.24	16.00	C	1.60
4,199	1 1/2 GRC/PVC 90 ELBOW	<input type="checkbox"/>	2.00	\$2,867.35	C	E	\$0.00	\$57.35	40.00	C	0.80
4,337	3/4X10 GRC/PVC NIP	<input type="checkbox"/>	5.00	\$1,606.50	C	E	\$0.00	\$80.33	13.00	C	0.65
4,492	3/4 GRC/PVC LB BODY	<input type="checkbox"/>	1.00	\$45.21	E	E	\$0.00	\$45.21	0.25	E	0.25
4,516	3/4 GRC/PVC T BODY	<input type="checkbox"/>	1.00	\$59.91	E	E	\$0.00	\$59.91	0.30	E	0.30
4,517	1 GRC/PVC T BODY	<input type="checkbox"/>	1.00	\$70.94	E	E	\$0.00	\$70.94	0.35	E	0.35
4,518	1 1/4 GRC/PVC T BODY	<input type="checkbox"/>	2.00	\$99.14	E	E	\$0.00	\$198.27	0.45	E	0.90
4,519	1 1/2 GRC/PVC T BODY	<input type="checkbox"/>	1.00	\$119.87	E	E	\$0.00	\$119.87	0.50	E	0.50
4,756	3/4 GRC/PVC CHNL STP	<input type="checkbox"/>	5.00	\$17.30	C	E	\$0.00	\$35.87	5.50	C	0.28
4,757	1 GRC/PVC CHNL STP	<input type="checkbox"/>	2.00	\$787.50	C	E	\$0.00	\$15.75	6.00	C	0.12
4,758	1 1/4 GRC/PVC CHNL STP	<input type="checkbox"/>	4.00	\$904.50	C	E	\$0.00	\$36.18	7.00	C	0.28
4,759	1 1/2 GRC/PVC CHNL STP	<input type="checkbox"/>	2.00	\$1,033.20	C	E	\$0.00	\$20.66	8.00	C	0.16
4,898	1 1/2 PVC 40	<input type="checkbox"/>	40.00	\$43.89	C	E	\$0.00	\$17.56	3.75	C	1.50
5,075	1 1/2 PVC FEMALE ADPT	<input type="checkbox"/>	2.00	\$46.09	C	E	\$0.00	\$0.92	10.00	C	0.20
5,625	#16 CONTROL TERM (PANE	<input type="checkbox"/>	10.00	\$0.32	E	E	\$0.00	\$3.15	0.10	E	1.00
60,197	SS 1 5/8 " Unistrut	<input type="checkbox"/>	10.00	\$15.00	E	E	\$0.00	\$150.00	8.00	C	0.80
60,210	Core Drill 1"	<input type="checkbox"/>	5.00	\$50.00	E	E	\$0.00	\$250.00	1.00	E	5.00
60,216	Industrial CAT 6	<input type="checkbox"/>	375.00	\$1.15	E	E	\$0.00	\$431.25	8.00	M	3.00

City of Moline North Slope WWTP Improvements
Contract 1-2014

Change Order No. 2; Item 2e:

Document Description	Contract Time	Contract Amount
Work Change Directive 001	ADD 30 days	ADD \$312,990
WBCI Proposal dated April 13, 2015	ADD 1 day	ADD \$ 10,432
WBCI Proposal dated April 16, 2015	NA	ADD \$ 8,711
Total Item 2e:	ADD 31 days	ADD \$332,133



Work Change Directive

Directive No.: <u>001</u>		Contract No.: <u>1-2014</u>	
Owner: <u>City of Moline, IL</u>		By: <u>TMS</u>	
Contractor: <u>Williams Brothers Construction, Inc.</u>		Date: <u>04/02/2015</u>	
Description of Work		Cost Deduction	Cost Addition
Influent pumping building (Str-10) micropiles - see attached proposal and supporting documentation.			\$312,990
Total			<u>\$312,990</u>
Remarks: Work is lump sum for 22 micropiles up to 31 feet in total length each; assumed depth of soil from bottom of base slab to top of bedrock is 14 feet/pile. Unit price for additional soil depth to bedrock in excess of 14 feet for each pile is \$235/ft. Final cost shall be determined at completion of the work. Contractor shall provide invoices related to 'crane and operation'.			
Change in Contract Price by:			
<input type="checkbox"/> Supplemental Unit Price		<input checked="" type="checkbox"/> Unit Price	
<input checked="" type="checkbox"/> Lump Sum			
Requested by: <u>Tina Sebold, Strand Associates</u>		<u>04/02/2015</u> Date	
Recommended by: <u></u> Tina Sebold, Strand Associates, Inc. [®] (Engineer)		<u>04/02/2015</u> Date	
Accepted by: <u></u> Joey Metzloff, Williams Brothers Construction, Inc. (Contractor)		<u>4/2/15</u> Date	
Approved by: <u></u> Greg Swanson, City of Moline, IL (Owner)		<u>04/02/2015</u> Date	

--THIS FORM IS NOT A SUBSTITUTE FOR A PROPERLY PREPARED AND EXECUTED CHANGE ORDER--

From: [Joey Metzloff](#)
To: [Sebold, Tina](#); [Felker, Mike](#)
Cc: nmullen.wbci@gmail.com; "Joe Williams"
Subject: Moline- Revised Proposal for Micorpiles
Date: Thursday, April 02, 2015 12:52:36 PM
Attachments: [20150402123507.pdf](#)

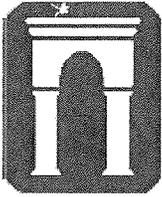
Attached is revised pricing for the micropiles at the influent building. The pricing is based on the stamped calculations from Missman and the layout provided by Strand. Taylor Ridge also provided a unit price of \$235 per ft, which would be required if any of the pile lengths exceed 31 feet. This unit price only applies for additional length beyond 31 ft, a credit cannot be provided on a per pile basis as material has been procured for piles based on anticipated rock elevations.

The original budgetary pricing that was prepared quickly for the city council meeting has been revised as follows to reflect the work. The revised costs include costs associated with dewatering, additional crane time to support the installation, and form rental costs for material that is onsite.

Please provide confirmation that pricing is acceptable as work is scheduled to commence on Monday.

Joey Metzloff
Williams Brothers Construction Inc.
Project Manager
P.O. Box 1366
Peoria, IL 61654
Ph: 309-688-0416
Fax: 309-688-0891
Cell: 309-303-3748
joey@wbci.us

PLEASE NOTE: This e-mail message and any documents accompanying this transmission may contain privileged and/or confidential information and is intended solely for the addressee (s) named above. If you are not the intended addressee/recipient, you are hereby notified that any use of, disclosure, copying, distribution, or reliance on the contents of this e-mail information is strictly prohibited and may result in legal action against you. Please reply to the sender advising of the error in transmission and immediately delete/destroy the message and any accompanying documents.



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

~~March 24, 2015~~

April 2, 2015
(by TMS)

Tina M. Sebold
Strand Associates, Inc.
901 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope Waste Water Treatment Plant
City of Moline

Dear Ms. Sebold,

Attached is pricing for the Micropile installation at the Moline North Slope Influent excavation. We have the following comments.

1. Approval and/or direction for the Influent Building base slab excavation is needed as soon as possible as we are extremely concerned with the open excavation as it relates to the project schedule and the protection of adjacent structures.
2. The construction of the influent building is on the critical path of the project. As noted in the schedule updates and discussed in the project meetings, the rock removal that has been completed to date has impacted our ability to maintain the project schedule. The design and installation of the micro piles will have a minimum thirty (30) day impact on the overall completion schedule of the project. We request a 30 day time extension be issued in conjunction with the RFP.
3. We included costs for testing of the concrete and grout only. All other inspections are assumed to be performed by Terracon as part of the allowance that was included in the lump sum bid.
4. Work has been quoted as 10 Hr days and Saturdays to minimize the schedule impact and shoring rental costs.
5. Taylor Ridge will provide steel certificate for the material to ensure it meets AIS requirements.
6. Taylor Ridge included a \$4,000.00 allowance for the design of the micro piles. These costs can be removed if this work is completed by Strand.

As noted previously, the project will continue to suffer from this delay until the subgrade issue is remedied. Please let us know if additional information is needed to provide direction or authorization to proceed.

WILLIAMS BROTHERS CONSTRUCTION INC.

By _____

Joey Metzloff



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 04/02/15

RFP No.

Engineer:
Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline
PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Influent Building Micropiles

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$59,700.00	\$0.00	\$59,700.00
B. LABOR-	\$45,056.00	\$0.00	\$45,056.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$450.56
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$1,126.40
E. NET TOTAL		(A+B+C)	\$104,756.00
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$15,713.40
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$122,046.36

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Taylor Ridge		\$179,280.00
2.		
3.		
4.		
H.		\$179,280.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$8,964.00
J. PROPOSAL	(Lines G+H+I)	\$310,290.36
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$1,520.42
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	\$1,179.10

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP ~~(increase)~~ (decrease) in contract amount **\$312,990**

N. The work for this RFP will require and extension of time of 30 Calendar Days.

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 04/02/15



WILLIAMS BROTHERS CONSTRUCTION INC.

GENERAL CONTRACTOR

BUILDING INFLOWNT

ESTIMATOR JM

LOCATION MOBILE

CHECKER JM

SHEET NO 1 of 1

PEORIA, ILLINOIS

DATE 04/02/15

DESCRIPTION OF WORK	NO PIECES	DIMENSIONS		EXTENSIONS	EXTENSIONS	UNIT PRICE M'T'L	TOTAL ESTIMATED	
							MATERIAL COST	LABOR COST
INFLOWNT BUILDING								
TAYLOR BLOKE					179280'			
SHOULDRS					50000'		50000'	
FORMS					5000'		5000'	
CONCRETE TESTS					3000'		3000'	
CRANE + OPERATION					80 HR		375	30000'
LAYOUT					32 HR		68	2176'
SPOILS / ASSISTANT	(CORONARY / M.S.)				24 HR		175	4200'
	LABORER				24 HR		52	1248'
SUPERVISION (OAT + EXTENSIONS)					60 HR		110	6600'
PUMPING + HOSE					1500'		1500'	
PUMP MAINTENANCE					8 HR		52	416'
BAG FROM PUMPING					200'		200'	
LABOR ON BAG	REPAIR				8 HR		52	416'
							59700'	45056'

REVISED

April 1, 2015

Project: North Slope WWTP, Moline, IL

We are pleased to present our price quotation for **22 micropiles** for the project listed above; subject to the definitions and conditions contained herein.

Base Bid Amounts:

Micro-pile **\$179,280.00 Lump Sum (No Bond Included)**
Micro-pile Add Price **\$235.00/ft**
One drill rig at three piles per day

OUR PROPOSAL INCLUDES THE FOLLOWING ITEMS OF WORK:

- 22 – 100 ton micropiles.
- # 24 bare bar micropile
- 16 ft rock socket each
- 6,000 psi neat cement grout up to 1.2 times neat volume
- 1 in. thick by 12 in. square top plate.
- Micropile design by Illinois Professional Engineer.
- 10 hr days Monday thru Friday and one 10 hr Saturday.

OUR BID EXCLUDES THE FOLLOWING ITEMS OF WORK:

Operated crane to set all equipment and materials in excavation as needed during day.
Cleanup of drilling spoils run off.
Layout and elevations
Fine cleaning of grout overspray and/or work area
Performance or payment bonds
City/county inspections or arrangement of inspections
Surveying of any nature
Any special insurance
Temporary electricity (110 volt or 220 volt as required)
Obstruction Removal
Barricades, any other traffic control devices, etc.
Any work not specifically included above
Temporary toilet facilities and drinking water.

REVISED North Slope Wastewater Treatment Plant Modifications
Drilling Service Company
April 1, 2015

TERMS & CONDITIONS:

Taylor Ridge Drilled Foundations, Inc. standard terms and conditions are attached hereto and are incorporated into this proposal as if written herein.

Please call if you have any questions. We thank you for opportunity to provide this quotation and look forward to working with you on this project.

Sincerely,
Taylor Ridge Drilled Foundations, Inc.

Chris Wynn
President

REVISED North Slope Wastewater Treatment Plant Modifications
Drilling Service Company
April 1, 2015

Taylor Ridge Drilled Foundations, Inc.
STANDARD TERMS AND CONDITIONS

1. Job site to be graded and kept free of surface water so that truck-mounted drill rigs, cranes or concrete trucks can spot at each drill location without the use of mats or any expense.
2. Our bid is based on using truck or track mounted drilling equipment at all locations with free overhead clearance from utilities or any other structures per OSHA regulations. We are not responsible for location, relocation, repair of or protection from underground or overhead utilities or removal/relocation of obstructions either underground or overhead.
3. Our proposal is based on one continuous period, requiring only one mobilization. Any other work scheme must be approved by both parties as to costs prior to inception. The project site shall be made available so as to permit prompt, expeditious and safe performance in one continuous operation without delay or interference.
4. Progress billings to be rendered monthly with payment in 30 days. Retention to be released in accordance with § 436.321 RSMo. Interest will be charged at the rate of 18 percent per annum on all unpaid balances from the date payment is due hereunder and in the event final payment is not made as provided in this proposal. Drilling Service Company shall be entitled to recover any attorneys' fees and costs incurred in collecting unpaid balances.
5. No backcharges will be honored unless accompanied by dated and descriptive work orders signed by a Drilling Service Company representative.
6. Shafts to be drilled prior to excavation for pits, tunnels, beams, or trenches.
7. We have included our standard insurance of \$2,000,000 primary with a \$1,000,000 umbrella. Any additional insurance required will be provided at our invoice cost plus 15%. Performance bond to be provided for an additional cost of 1.5% of contract amount.
8. Our proposal is tendered for your acceptance in its entirety within 60 days from the date of this letter, after which it is to be considered null and void. Our bid is contingent on our work being started by 4/30/15.
9. *This proposal must be fully incorporated into any contractual agreement to which we become a party taking precedence over any conflicting terms and agreements embodied in any other agreement or documents.*
10. Our proposal is based on drilling crews working 10-hour days, Monday through Friday.
11. We are not responsible for and shall not perform any testing for subsurface conditions, soil, concrete and materials, any inspections and/or system monitoring.
12. General Contractor shall give written change orders on all extra work and/or additional work involving extra cost. In the event such change orders are not given or any payments are not made when due, Drilling Service Company shall have the right to stop work without penalty or any liability for delay until change orders are issued or payment of any delinquent amounts made.
13. Liquidated damages may not be assessed against Drilling Service Company without Drilling Service Company specifically agreeing in writing to the application of liquidated damages and the liquidated damage amounts. Drilling Service Company shall not be responsible for any consequential or incidental damages.
14. Drilling Service Company shall have the right to rely on all information furnished from which it has derived its bid proposal, whether or not a part of the contract documents and shall not be required to make any independent investigation. Should conditions be encountered in the performance of the work which differ from those indicated by the contract documents or data furnished to Drilling Service Company which are not a part of the contract documents, or differ from conditions ordinarily encountered and generally recognized as inherent in work of the character provided in the contract, an equitable adjustment and time extension will be made to cover the resulting cost and delay.
15. Should hazardous substances be encountered, Drilling Service Company will have no responsibility relating to such hazardous substances. To the fullest extent permitted by law, General Contractor shall indemnify and hold harmless Drilling Service Company from and against any claims, damages, losses and expenses, including attorneys' fees, arising out of or related to performance of work in the area of the hazardous materials. For purposes of the paragraph, "hazardous substance" is defined as a substance encountered during the course of performance of this subcontract which governmental or regulatory authority has or may determine presents a hazard or danger to the health and welfare of persons, property, or the general environment.
16. Drilling Service Company will assume no responsibility for delay caused by weather, mechanical breakdown, strikes or other labor strife, delay caused by others, including regulatory bodies, or by any reason beyond its control.
17. Any claim arising out of or related to the Proposal and/or subsequent contract entered by Drilling Service Company and General Contractor shall be subject to arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association.

March 31, 2015

Taylor Ridge Drilled Foundations, Inc.
6710 134th Avenue
Taylor Ridge, Illinois 61284

Attn: Chris Wynn

Reference: Review of Calculations for Micro Piles

Dear Chris:

At your requested, we have reviewed a set of structural calculations performed by Chuck Skouby of Drilling Service Co., Bridgeton, Missouri. The submittal includes 2 pages of calculations dated 03/26/15 and a plan showing the layout of the proposed Micro Piles.

The foundation is for a Wet Well to be constructed at the Water Treatment Plant in Moline, Illinois. A portion of this base slab of the Wet Well will bear directly on rock while the remainder must be supported on Micro Piles which will transfer the loads to a lower underlying limestone layer.

The Micro Piles are to be #24 bars (3" diameter), grade 75 steel bars per the FHWA NHI-05-039 Publication. They will have a capacity of 100 tons (200 kips) and will each need to be socketed (grouted) into the underlying limestone a minimum 16'-2". A 12" x 12" steel plate will be welded to the top of each Micro Pile and will be embedded approximately 6" into the base slab of the Wet Well. A total of 22 Micro Piles will be required to support the portion of the base slab not bearing directly on rock.

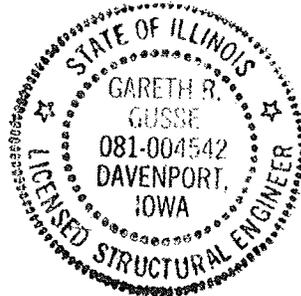
Our review of the calculations uncovered no errors or omissions, so we recommend installation begin as soon as possible.

Sincerely yours,

Missman, Inc.



Gareth R. Gusse, S.E.
Illinois License #081-004542





100 Ton micropile 200 kip

Use single grade 75 bar for micropile

From FHWA NHI-05-039 publication

$$P_{allowable} = (0.4 \sigma_c' A_{grout} + 0.47 F_y A_{bar})$$

$$200 \text{ kip} = 0.47 (75 \text{ ksi}) (A_{bar})$$

$$A_{bar} = 5.67 \text{ in}^2$$

$$\#24 \text{ bar } A_{bar} = 7.07 \text{ in}^2$$

Min. bar diameter

$$A = \frac{\pi D^2}{4} = 5.67 = \frac{\pi D^2}{4}$$

$$D = 2.69 \text{ in}$$

Add 0.25 in to diameter for corrosion loss

$$D = 2.69 \text{ in} + 0.25 \text{ in} = 2.93 \text{ in}$$

$$\text{dia. } \#24 \text{ bar} = 3" > 2.93 \text{ in } \text{OK}$$

Rock socket length

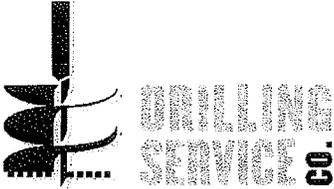
$$\text{rock socket dia} = 4.375 \text{ in}$$

Surface area

$$A = \pi D L = \pi (4.375 \text{ in}) L = 13.74 \text{ in}^2 / \text{ft}$$

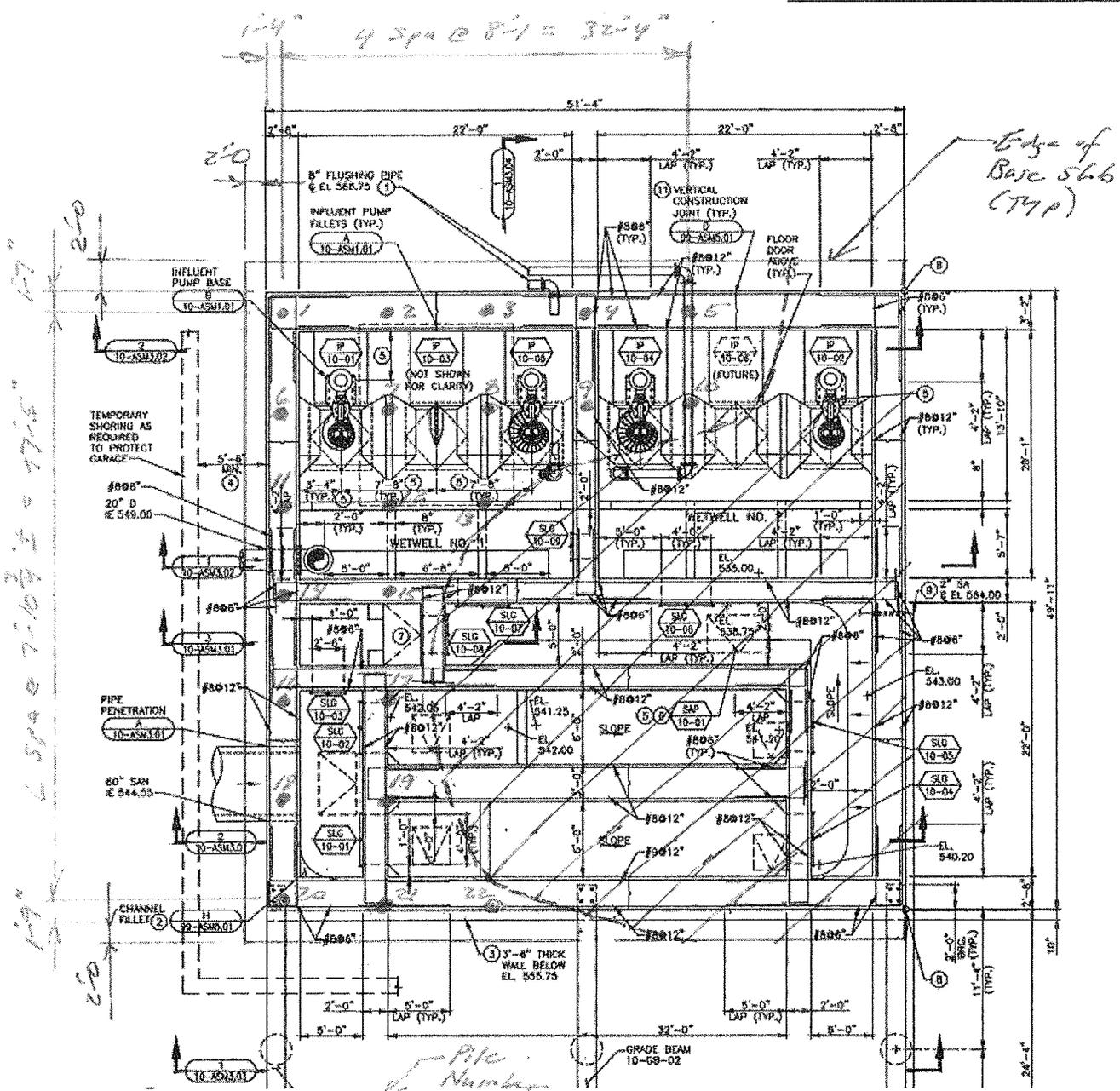
Allowable bond stress

$$150 \text{ psi} / 2 = 75 \text{ psi}$$



JOB Moline WWTP
SHEET NO. 2 OF 2
CALCULATED BY CAS DATE 3/26/15
CHECKED BY _____ DATE _____
SCALE _____

Required bond length
 $200,000 \text{ lbs} = 75 \frac{\text{lb}}{\text{in}^2} (13.74 \frac{\text{in}^2}{\text{in}}) (L)$
 $L = 194 \text{ in} = \underline{16.16 \text{ FT}}$



 = New Micropile with 100-Ton service load capacity (Typ of 32)

 = Approximate limits of base slab bearing on rock

Structure 10
 Base Slab/Micropile Plan

From: [Joey Metzloff](#)
To: "Chris Wynn"
Cc: [Sebold, Tina](#); [Stinson, Troy](#); "Joe Williams"; gswanson@moline.il.us; nmullen.wbci@gmail.com
Subject: FW: Structure #10 Added Scope Work
Date: Saturday, March 28, 2015 9:12:11 AM
Attachments: [Str 10 base slab micropile layout.pdf](#)

Chris,

Confirming our telephone discussion from yesterday afternoon, Taylor Ridge should proceed with the procurement of the material required to install (22) 31'-0" long micropiles at the Moline North Slope project. Attached is a layout of the micropiles. You are also authorized to proceed with the installation as noted in the correspondence below from Strand and the City of Moline.

This also confirms you received verbal confirmation from the Structural engineer regarding the material that is to be ordered for the installation. A letter confirming the design of the micropiles will be provided to us early next week along with revised pricing for the revised pile quantity.

The tentative/current schedule is as follows:

Equipment delivery/mobilization mid next week
Material Delivery Friday, April 3, 2015
Installation commence on April 6, 2015

Please let us know if additional information is needed.

Joey Metzloff
Williams Brothers Construction Inc.

-----Original Message-----

From: Sebold, Tina [<mailto:Tina.Sebold@strand.com>]
Sent: Friday, March 27, 2015 9:43 AM
To: Joey Metzloff
Cc: Stinson, Troy; gswanson@moline.il.us
Subject: FW: Structure #10 Added Scope Work

Joey,

Please see the email below from the owner as follow up to previous communications by email and telephone authorizing the micropile work for Structure 10.

As discussed, a work change directive will be finalized when the cost proposal revisions are received.

Please contact me with questions.

Thank you,

Tina M. Sebold, P.E. | Senior Associate
Strand Associates, Inc. | 910 W. Wingra Drive, Madison, WI 53901

-----Original Message-----

From: Swanson, Greg [<mailto:gswanson@moline.il.us>]

Sent: Friday, March 27, 2015 9:13 AM

To: Sebold, Tina

Subject: Structure #10 Added Scope Work

Good morning Tina,

Please consider this e-mail as authorization to proceed with the installation of the micro piles required to support the western portion of structure #10, as the Moline City Council authorized this work during the 3/24/15 Council meeting based on the following information: this added scope work is necessary, will cost on the order of \$305K and it is critical for all parties to agree and allow the work to proceed. The City Council's approval further recognizes the cost may vary by tens of thousands of dollars depending upon the final micropile design arrangement and the field conditions encountered during installation. Please share this e-mail with Joey/WBCI and let me know if any further action is required at this time.

The City greatly appreciated the efforts of all involved in working through this matter to keep the Project moving forward. Thank You!

Greg Swanson
Utilities General Manager
(309) 524-2301



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC.

Letter of Transmittal

Item 2e

Date April 13, 2015

TO: Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope
007 1st Avenue
Moline, Illinois 61265
Purchase Order No. CWA-478

ATTN: Tina Sebold

GENTLEMEN:
WE ARE SENDING YOU

- HEREWITH
- UNDER SEPARATE COVER
- BY MESSENGER

THE FOLLOWING DRAWINGS:

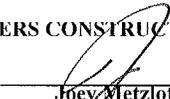
LATEST DATE	Submittal NO.	NO. OF COPIES	DESCRIPTION	VENDOR	STATUS
04/13/15		1	Micropile #21 and #22 Casing	Taylor Ridge	For Approval

- FOR YOUR APPROVAL AND/OR CORRECTION; RETURN _____ COPIES _____
- PROCEED WITH FABRICATION _____
- CORRECT AND RESUBMIT _____ COPIES _____
- FOR YOUR FILES AND/OR JOB USE _____
- FOR YOUR ESTIMATING USE; PLEASE PROVIDE US WITH YOUR PROPOSAL BY _____
- DELIVERY REQUIRED _____

COMMENTS

C.C. File _____
Job _____

WILLIAMS BROTHERS CONSTRUCTION INC.

BY 
Joey Metzloff



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 04/13/15

RFP No.

Engineer:

Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline

PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Micropile Casing

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$0.00	\$0.00	\$0.00
B. LABOR-	\$0.00	\$0.00	\$0.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$0.00
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$0.00
E. NET TOTAL		(A+B+C)	\$0.00
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$0.00
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$0.00

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Taylor Ridge		\$9,850.00
2.		
3.		
4.		
H.		\$9,850.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$492.50
J. PROPOSAL	(Lines G+H+I)	\$10,342.50
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$50.68
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	\$39.30

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP (decrease) <u>(increase)</u> in contract amount	\$10,432
N. The work for this RFP will require and extension of time of <u>1</u> Calendar Days.	

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 04/13/15



April 10, 2015

Taylor Ridge Drilled Foundations, Inc.
6710 134th Avenue
Taylor Ridge, IL 61284

Attn: Chris Wynn

Reference: Micro Pile Foundation for New Wet Well at the
Waste Water Treatment Plant
Moline, Illinois
Micro Piles 21 and 22

Dear Chris:

We have been informed by Chuck Skouby of Drilling Services Co., Bridgeton, Missouri that while drilling Micro Piles 21 and 22, unexpected subsurface conditions were encountered that will require modifications to the Micro Pile installation. We understand these Micro Piles encountered 2 to 8.5 ft. of soil then 13.5 to 15 ft. of limestone and then 13 to 14 ft. of soft soil before again encountering limestone at 31 and 35 ft. Soon after removing the drill tools from these holes measurements indicated that the holes had caved in below a depth of about 21 to 25 ft. Since the upper limestone wasn't sufficiently thick to establish the required 16 ft. rock socket and is overlying soft to very soft soil it is our opinion that the Micro Pile socket should be established in the lower limestone.

An additional consideration is filling of the annulus around the Micro Pile bar above the rock socket through the soft zone and the upper rock layer to provide lateral support and maintain a stable hole to allow installation of the bar and grout. During drilling of the second Micro Pile 21 a considerable amount of air, water and soil was ejected from Micro Pile 22. Also while grouting Micro Pile 19, grout was noted in Micro Pile 22 and four times the neat hole volume was required. To reliably fill the annulus and provide a stable hole, we are suggesting two options.

We believe the first and preferred method would be to ream the upper rock layer to 8 in. diameter to allow the installation of a 7 in. diameter casing. The casing would be installed through the upper limestone and soft zone to the lower limestone and seated into the lower limestone. After the casing is installed the required rock socket would be drilled, the bar installed, and the hole grouted to the surface. The casing would be left in place to provide a sealed conduit through the soft zone to contain the grout.

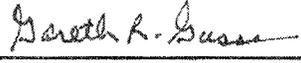
The other option would be to pump a sanded grout (flowable fill) down the existing holes until they are filled. More than likely it would be possible to pump down one hole until grout is returned out the other hole. The grout would be allowed to set overnight and then the holes would be drilled out. If a stable hole is achieved, the rock socket could be drilled and the Micro Pile installed. Since the holes currently do not remain open it is anticipated that at least two and maybe more rounds of grouting and drilling will be required to establish a stable hole. After each grouting the holes would have to be allowed to cure overnight.

Mr. Chris Wynn
Taylor Ridge Drilled Foundations, Inc.
April 10, 2015
Page 2

The second option is potentially less expensive if only one grouting is required but, as stated, it is our opinion that more than one grouting will probably be required, eliminating any savings.

Sincerely yours,

Missman, Inc.



Gareth R. Gusse, S.E.
Illinois License #081-004542





Taylor Ridge Drilled Foundations, Inc.

6710 134th Ave West
Taylor Ridge IL 61284

Phone # (309) 798-5220 estimating@trdrilling.com
Fax # (309) 798-2758 www.trdrilling.com

Date	Proposal #
4/10/2015	Micro Pile

Name / Address
Williams Brothers Construction, Inc. PO Box 1366 Peoria, IL 61654

Description	Qty	Cost	Terms
			30 days
			Total
Remediation work for Micro Pile Piers 21 & 22			
Option 1: Permanent casing installed and grouted from bottom of rock strata to the surface for micro piles 21 & 22. Cost would be \$9,850.00 (This casing will remain in place and will have no documentation on origin of steel)	0	9,850.00	0.00
Option 2: Attempting to fill void area around piers 21 & 22 with flowable fill material. Cost would be \$7,875.00 per round. We anticipate at least 2 round of grouting. This price does not include flowable fill and concrete pump cost	0	7,875.00	0.00
The above pricing does not include the unit pricing per lineal foot for the extra length of piers.			
Total			\$0.00



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Letter of Transmittal

Item 2e

Date April 16, 2015

TO: Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

RE: Moline North Slope
007 1st Avenue
Moline, Illinois 61265
Purchase Order No. CWA-478

ATTN: Tina Sebold

GENTLEMEN:
WE ARE SENDING YOU

- HEREWITH
- UNDER SEPARATE COVER
- BY MESSENGER

THE FOLLOWING DRAWINGS:

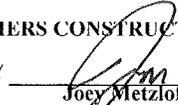
LATEST DATE	Submittal NO.	NO. OF COPIES	DESCRIPTION	VENDOR	STATUS
04/16/15		1	Micropile Unit Price	Taylor Ridge	For Approval

- FOR YOUR APPROVAL AND/OR CORRECTION; RETURN _____ COPIES _____
- PROCEED WITH FABRICATION _____
- CORRECT AND RESUBMIT _____ COPIES _____
- FOR YOUR FILES AND/OR JOB USE _____
- FOR YOUR ESTIMATING USE; PLEASE PROVIDE US WITH YOUR PROPOSAL BY _____
- DELIVERY REQUIRED _____

COMMENTS

C.C. File _____
Job _____

WILLIAMS BROTHERS CONSTRUCTION INC.

BY 
Joey Metzloff

GENERAL CONTRACTOR P.O. Box 1366 / Peoria, Illinois 61654 / Phone (309) 688-0416 / Fax (309) 688-0891



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Proposal Breakdown Summary

Date: 04/16/15

RFP No.

Engineer:
Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline
PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

Micropile Unit Price

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$0.00	\$0.00	\$0.00
B. LABOR-	\$0.00	\$0.00	\$0.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$0.00
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$0.00
E. NET TOTAL		(A+B+C)	\$0.00
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$0.00
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$0.00

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Taylor Ridge		\$8,225.00
2.		
3.		
4.		
H.		\$8,225.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$411.25
J. PROPOSAL	(Lines G+H+I)	\$8,636.25
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$42.32
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	\$32.82

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP increase ~~(decrease)~~ in contract amount **\$8,711**

N. The work for this RFP will require and extension of time of 0 Calendar Days.

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 04/16/15

Taylor Ridge Drilled
Foundations, Inc.

6710 134th Ave West
Taylor Ridge IL 61284

Invoice

Date	Invoice #
4/16/2015	I-1159

Phone #	(309) 798-5220
---------	----------------

Bill To
Williams Brothers Construction, Inc. PO Box 1366 Peoria, IL 61654

P.O. No.	Terms	Due Date	Project	Date Completed
Verbal Joey	30 days	5/16/2015	1159	5/14/15

Description	Rate	Quantity	Amount
Extra lineal feet for micro piles #21 & #22	235.00	35	8,225.00
			Payments/Credits \$0.00

Balance Due	\$8,225.00
--------------------	------------

Job Total Balance	\$8,225.00
--------------------------	------------



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

Contractor's / Subcontractor's Item 2f
Proposal Breakdown Summary

Date: 04/10/15

RFP No.

Engineer:
Strand Associates, Inc.
910 West Wingra Drive
Madison, WI 53715

OWNER: City of Moline
PROJECT: North Slope WWTP Improvements

WBCI Project # 478

I DESCRIPTION OF CHANGE:

CB001 Revisions

II SUMMARY OF DETAILED BREAKDOWN

	Additions	Deletions	Net Total
A. MATERIAL-	\$3,106.48	\$0.00	\$3,106.48
B. LABOR-	\$1,760.00	\$0.00	\$1,760.00
C. EQUIPMENT	\$0.00	\$0.00	\$0.00
D. OTHER COSTS			
1. SAFETY		(1% of LABOR) - Deletion -0-	\$17.60
2. EXPENDABLE TOOLS		(2.5% of LABOR) - Deletion -0-	\$44.00
E. NET TOTAL		(A+B+C)	\$4,866.48
F. OVERHEAD AND PROFIT		(E x 15%) - Deletion -0-	\$729.97
G. TOTAL WORK PERFORMED BY CONTRACTOR		(Lines E+F+D1+D2)	\$5,658.05

III CONTRACTOR'S MARK-UP ON WORK OF SUBCONTRACTORS

Detailed Breakdowns and summaries from each contractor must be attached.

SUBCONTRACTOR: Firm Name	CONTRACT WORK: Description	PROPOSAL
1. Rebar install		\$390.00
2.		
3.		
4.		
H.		\$390.00
I. CONTRACTOR'S MARK-UP on work of subcontractors	(Line H x5%)	\$19.50
J. PROPOSAL	(Lines G+H+I)	\$6,067.55
K. BONDS	(.49% of PROPOSAL) - Deletion -0-	\$29.73
L. BUILDER'S RISK INSURANCE	(.38% of PROPOSAL) - Deletion -0	\$23.06

IV TOTAL PROPOSAL

M. TOTAL PROPOSAL for subject RFP increase (decrease) in contract amount	\$6,120
N. The work for this RFP will require and extension of time of <u>0</u> Calendar Days.	

CONTRACTOR

(SIGNATURE).....

Joey Metzloff

Title: Project Manager

Date: 04/10/15



WILLIAMS BROTHERS CONSTRUCTION INC.

GENERAL CONTRACTOR

BUILDING STR 70

ESTIMATOR JM

LOCATION MOULDS

CHECKER JM

SHEET NO 1 OF 1

PEORIA, ILLINOIS

DATE 4/10/15

DESCRIPTION OF WORK	NO PIECES	DIMENSIONS		EXTENSIONS		UNIT PRICE M'T'L	TOTAL ESTIMATED MATERIAL COST	UNIT PRICE LABOR	TOTAL ESTIMATED LABOR COST
CP3001 ADDITIONAL LASS									
PERAL INSTALL (.6 TN x 650/TN)					39 0'		693 45		
FILWTS CONCRETE PUMP 4 HR x 170 + YALDAGE						16 40 88	1408'		
2 FINISHES					16 42			56'	896'
2 LABORS					16 42			54'	864'
							3106 48		1760'
*NO HANGING FORMS WOULD BE PART OF FILWTS.									



Printed Date: 04/07/2015

Contract No: 40030146 Change Order No. 5 Page 1 of 1 Date: April 07, 2015

To : WILLIAMS BROTHERS CONSTRUCTION
PO BOX1366
PEORIA IL 61654

Subject: MOLINE NORTH SLOPE
Loc: MOLINE, IL

SUBJECT TO THE TERMS AND CONDITIONS OF THE ORIGINAL PURCHASE AGREEMENT, GERDAU AMERISTEEL US Inc (the SELLER) IS FURNISHING IN ACCORDANCE WITH YOUR INSTRUCTIONS AS OUTLINED BELOW.

CHANGE ORDER # 5

Description : This change order is for 1,220 lbs of additional fabricated reinforcing required due to changes caused by Construction Bulletin #001 (CB-001). The bulletin required changes to areas of the foundation that had already been detailed and submitted. These changes will be incorporated into the field use drawings and the material will be send along with the balance of structure #70.

Original Lumpsum Contract Amount	\$	657,548.84
Original Contract Total	\$	657,548.84
Change Orders Requested to Date	\$	5,103.34
This Change Order	\$	698.45
Revised Contract Total to Date	\$	663,350.63

ALL the above plus applicable taxes

Please issue a change order for the amount plus tax or sign and return one copy of this letter as your approval. If not returned within fifteen(15)days the change order will be considered as accepted.

ALL STATE, COUNTRY AND LOCAL SALES TAXES EXCLUDED
TERMS: Z030-30 days, invoice date

ACCEPTED BY BUYER

GERDAU AMERISTEEL US Inc

This _____ day of _____ Yr. _____

By _____ Date 04/07/2015

Buyer's name _____

Name/Title _____

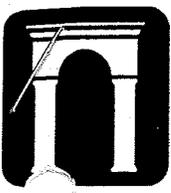
By _____

Approved this _____ day of _____ Yr. _____

Name/Title _____

By _____

Name/Title MARK SMITH, SALES DIRECTOR



**WILLIAMS
BROTHERS
CONSTRUCTION INC.**

PURCHASE ORDER

GENERAL CONTRACTOR P.O. BOX 1366 / Peoria, Illinois 61654 / Phone (309) 688-0416 / FAX (309) 688-0891

SHEET 1 OF 4

TO:

Midwest Ltd. Concrete Pumping
P.O. Box 4473
Rock Island, Illinois 61209

DATE September 17, 2014

PURCHASE ORDER No. 9042-478

PH. 309-788-2861 FAX 309-788-2869
MOBILE PHONE: _____

Please show above order number on all invoices and correspondence.

INVOICE IN DUPLICATE

VENDOR CONTACT:

MAIL TO: Williams Brothers Construction Inc.
P.O. Box 1366
Peoria, Illinois 61654

SHIPMENT OR INSTALLATION TO BE COMPLETED as called for by our
Job Superintendent

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
1.			Furnish AFL/CIO Union Labor, Material and Equipment necessary to complete Concrete Pumping Work for North Slope Wastewater Treatment Plant Improvements for City of Moline, Illinois in accordance with Strand Associates Drawings dated July 15, 2014, the accompanying Specifications dated July 15, 2014, Addendum No. 1 dated August 15, 2014, Addendum No. 2 dated August 20, 2014, by acceptance of the Base Bid and Alternate No. 1B.		
			<u>RENTAL RATES</u>		
			Schwing BPA 750 Trailer Pump	Schwing 34X (111' Boom)	
			\$140.00/hr + 3.50/yard	\$165.00/hr + 3.60/yard	
			<u>Telebelt Conveyor (110' Belt)</u>	Schwing 47X (155' Boom)	
			\$170.00/hr + 3.50/yard	\$211.00/hour + 3.90/yard	
			\$240.00/hr (aggregate)		
			<u>Additional Charges All Equipment</u>		
			\$80.00/hr travel each way;		
			\$75.00/hr prior day set-up or pick-up;		
			\$12.50/per bag slick pak;		
			\$32.00/hr. overtime (before 7am and after 3pm, and on Saturdays);		
			\$120.00/overnight stays;		
			Additional Fuel Surcharge		
			<u>RENTAL CONDITIONS</u>		
			1. Rental rates included 1 trained & certified union operator.		
			2. Minimum hourly charge 3 hours.		
			3. Late cancellations subject to a 2 hour pumping rate charge. Cancellations needed 2 hours prior to leave time.		
			4. Prices may be changed without notice.		
			Concrete Pumping Work shall be completed as a part of this order as required to carry out the intent of the Architect's Drawings and as more particularly described in the Architect's Specifications Section 03 300 entitled <u>Cast-in-Place Concrete</u> .		
				Lump Sum	See Above Rates Listed
			<u>Notes:</u>		
			1. Within 21 days of receipt of this Purchase Order, you are to submit to this office the required shop drawings, product data, equipment catalog cuts, samples and/or color charts and LEED submittals (if required) prepared and submitted in accordance with the contract speci-		



Construction Bulletin
North Slope WWTP Improvements
City of Moline, Illinois
Contract 1-2014
January 23, 2015

CONSTRUCTION
BULLETIN NO.: 001

TO: Williams Brothers Construction, Inc.
ISSUED BY: Tina Sebold

DISTRIBUTION

Joey Metzloff	Williams Brothers Construction, Inc.
Greg Swanson	City of Moline
Rob Fortune	Strand Associates, Inc.®

This Construction Bulletin is issued to document proposed changes to the drawings and specification initiated by the Owner or Engineer. If changes result in no change in the Contract Price and/or Time, the Contractor shall proceed with the changes outlined in the Construction Bulletin. If changes in Contract Price and/or Time are required, please submit an itemized quotation for changes to the Contract Documents as described herein. CONTRACTOR is not to proceed with Construction Bulletins requiring adjustments in Contract Price or Time without receiving authorization to proceed from the Owner and Engineer. A Change Order will be required as outlined in Article 10 of the General conditions to incorporate such items into the contract documents.

DESCRIPTIONS AFFECTING THE SPECIFICATIONS

No specification changes are required.

DESCRIPTIONS AFFECTING THE DRAWINGS

Drawing 70-ASM1.01

001-01 Clarifications are provided for connection of the base slab between the new and existing sludge storage tanks and the slope/fillets in new Sludge Storage Tanks No. 3 and No. 4. See attached new sections 1 and 2 and revised sections for details.

Drawing 70-ASM1.02

001-02 Clarifications are provided for the existing concrete walkways over Sludge Storage Tanks No 1 and No. 2 which are called to be replaced. See attached new sections 3 and 4 and revised details for additional information.

Drawing 70-ASM3.02

001-03 Clarifications provided to Section 3 for new base slab connection to existing and the concrete slope fillets.



Construction Bulletin No. 001
Contract 1-2014
Page 2
January 13, 2015

Drawing 70-ASM3.03

001-04 Clarifications provided to detail B for replaced concrete walkways for sludge storage tanks No. 1 and 2.



STRAND ASSOCIATES

PROJECT

Palme - N. Slope W/TP

Struct 70

BY

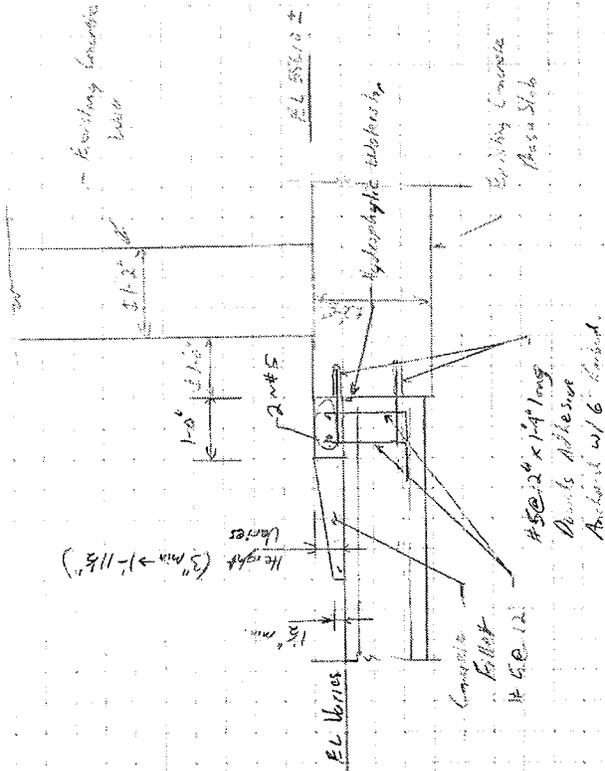
SGH

DATE

7-8-15

JOB NO

SHEET 1 OF 4



Section 1
No Scale



PROJECT

Agiline - M. Lopez Wm Jr
- Struct. 70

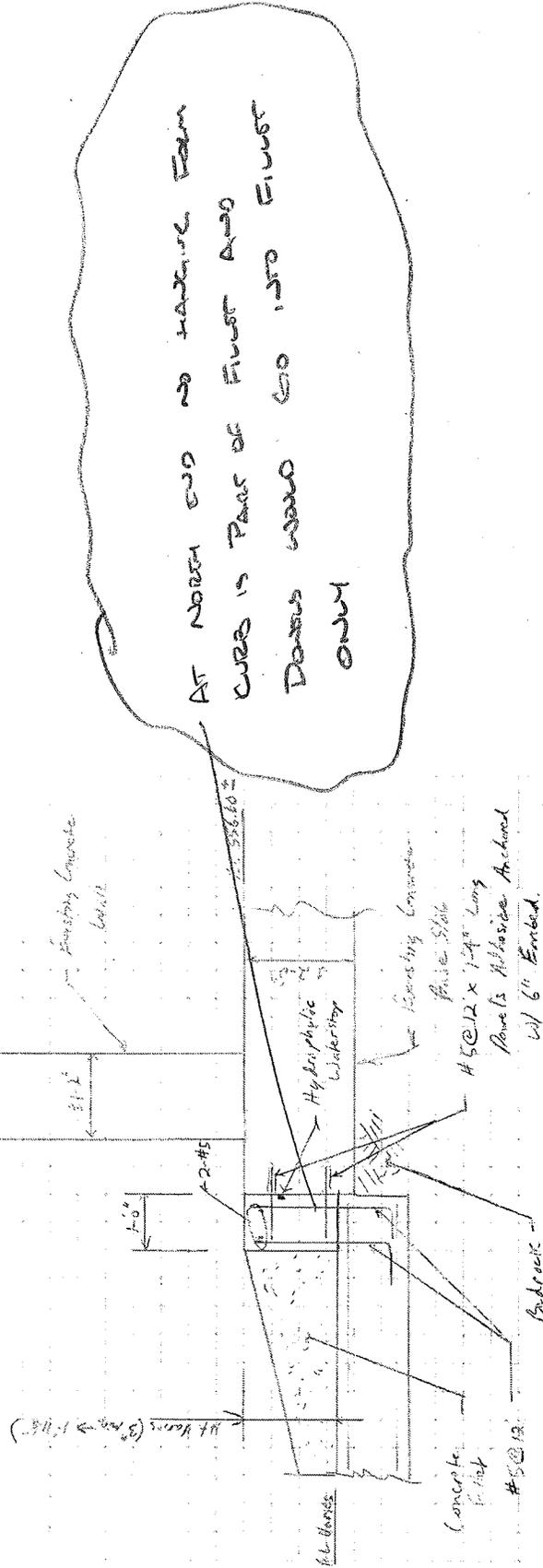
BY SGH

DATE

1-8-15

JOB NO

SHEET 2 OF 4

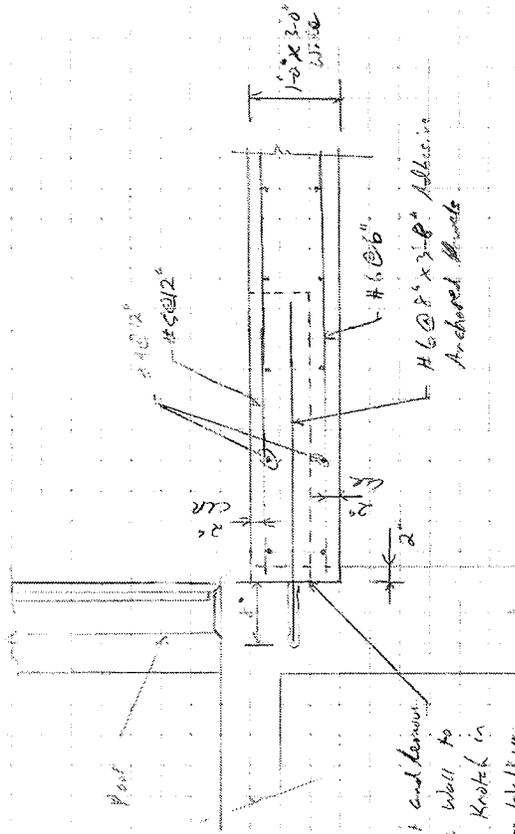


Section 2
New Section



PROJECT	BY	DATE	JOB NO.
Police - N. Slope W/TP - Street 70	SGH	1-12-15	

SHEET 4 OF 4



Sawcut and remove
concrete wall to
provide notch in
wall for wall ties.
Lap ties. Roughen
existing surface for
1/2" Adhesive.

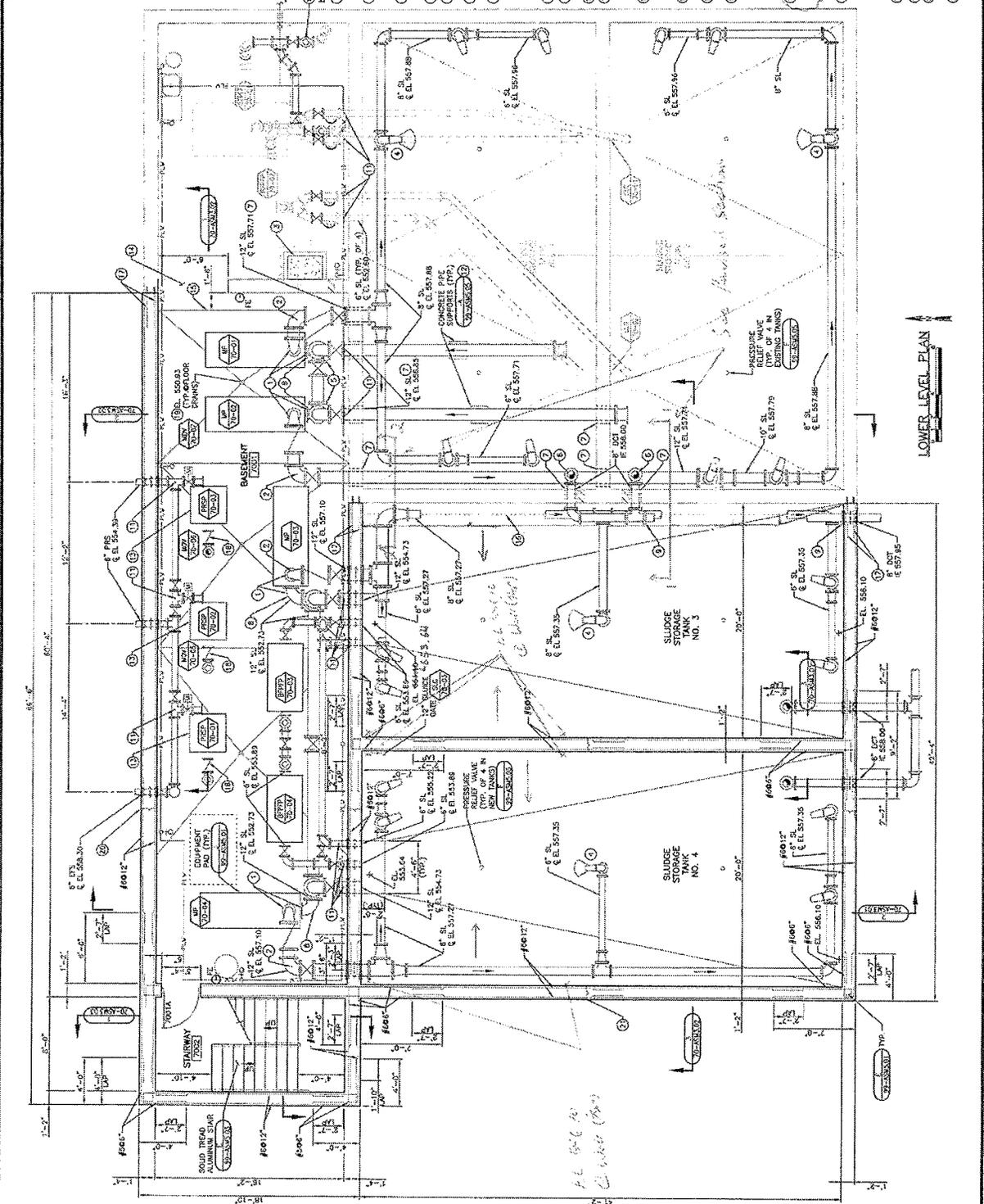
Section 4
No Scale

SLUDGE STORAGE TANKS AND SLUDGE CONTROL BUILDING
LOWER LEVEL PLAN
 NORTH SLOPE WASTEWATER TREATMENT PLANT IMPROVEMENTS
 ROCK ISLAND COUNTY, ILLINOIS

JOB NO. 100-000000
 PROJECT NO. 397-0000
 DESIGNER: TERRY W. STRIDON
STRAND ASSOCIATES®
 102
 70-ASSM1.01

- GENERAL NOTES:**
- SEE REVISION SCHEMATIC SHOWING 00-0004 FOR ADDITIONAL FINISH DETAILS.
 - CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY STRUCTURE OR PIPING CONSTRUCTION.
 - ALL OPENINGS IN FLOOR SLAB AND REINFORCEMENT SHALL BE DETAIL 100-000000.
 - INSTALL PLUG VALVE WITH GASKET IN POSITIONAL TUBE WHEREVER POSSIBLE.
 - NOZZLE OPERATIONS TO BE DONE BY EQUIPMENT SUPPLIER.
 - ALL REINFORCERS FOR SL PIPING ON THIS SHEET SHALL BE EROSION RESISTANT. PIPES CONNECTED TO BRP, BRP AND PIPE STRAIN TO NOT TRANSMITTED TO UNWANTED.
 - THIS STRUCTURE SHALL BE BACK FILLED WITH GRANULAR MATERIAL ONLY.

- KEY NOTES:**
- PRESSURE GAUGE AS SPECIFIED, 2 PER PUMP, ONE ON SUCTION AND ONE ON DISCHARGE.
 - TOP PIPE FITTING AND PROVIDE 1 1/2" SMALL PIPE TO 2" DIA. CLEAN OUT.
 - FILL VALVE VAULT WITH CONCRETE AND FINISH TO MATCH EXISTING FLOOR LEVEL ON SLAB TO DRAIN PAN.
 - FLOOR WASHING NOZZLE.
 - 12x12x12 TIE.
 - SEE DETAIL 100-000000 FOR SIMILAR DETAILS.
 - PROVIDE CORE THROUGH EXISTING CONCRETE. PROVIDE DOUBLE WALLS. SPACE FILL WITH ANTI-SHINK GROUT TO PROVIDE A WATER TIGHT CONNECTION.
 - PROVIDE BRASS FLANGE FILLERS TO SLAB PIPING.
 - PROVIDE NEW 6" TIE.
 - PROVIDE TAP FOR 1 1/2" FUSING AS REQUIRED. SEE SHEETS 70-01.01 AND 70-07.01 FOR CONNECTION.
 - PROVIDE CONCRETE PIPE SUPPORTS SLUDGE STORAGE TANKS NO. 1, 2, 3, AND 4. SEE DETAIL 100-000000.
 - REMOVE EXISTING WASTEWATER TO EXTEND NORTH OF PUMP.
 - CONCRETE WITH (CLAY) OPENING IN NORTH SLOPE.
 - BRASS BRASS SURFACE IS 1/4" APPLIQUE. PROVIDE #40x30x3 AND BASED 6" LAP 3'-0" WITH NOZZLE WATER STOP. LAP 3'-0" W/SLAB DUS.
 - PROVIDE CURING SURFACE TO 1/4" APPLIQUE. PROVIDE #40x30x3 AND BASED 6" LAP 3'-0" WITH NOZZLE WATER STOP. LAP 3'-0" W/SLAB DUS.
 - ADJUSTABLE BACKPRESSURE VALVE.
 - SLOPE FLOORS TO 10'S.
 - CONSTRUCTION JOINT WITH WALLS. SEE DETAIL 100-000000.
 - CONSTRUCTION JOINT WITH EXISTING WASTEWATER TYP. AT FIRM WALLS NOT ADJACENT TO BRP. SEE DETAIL 100-000000.



LOWER LEVEL PLAN

DATE: 08.14.2024 10:21:00 AM

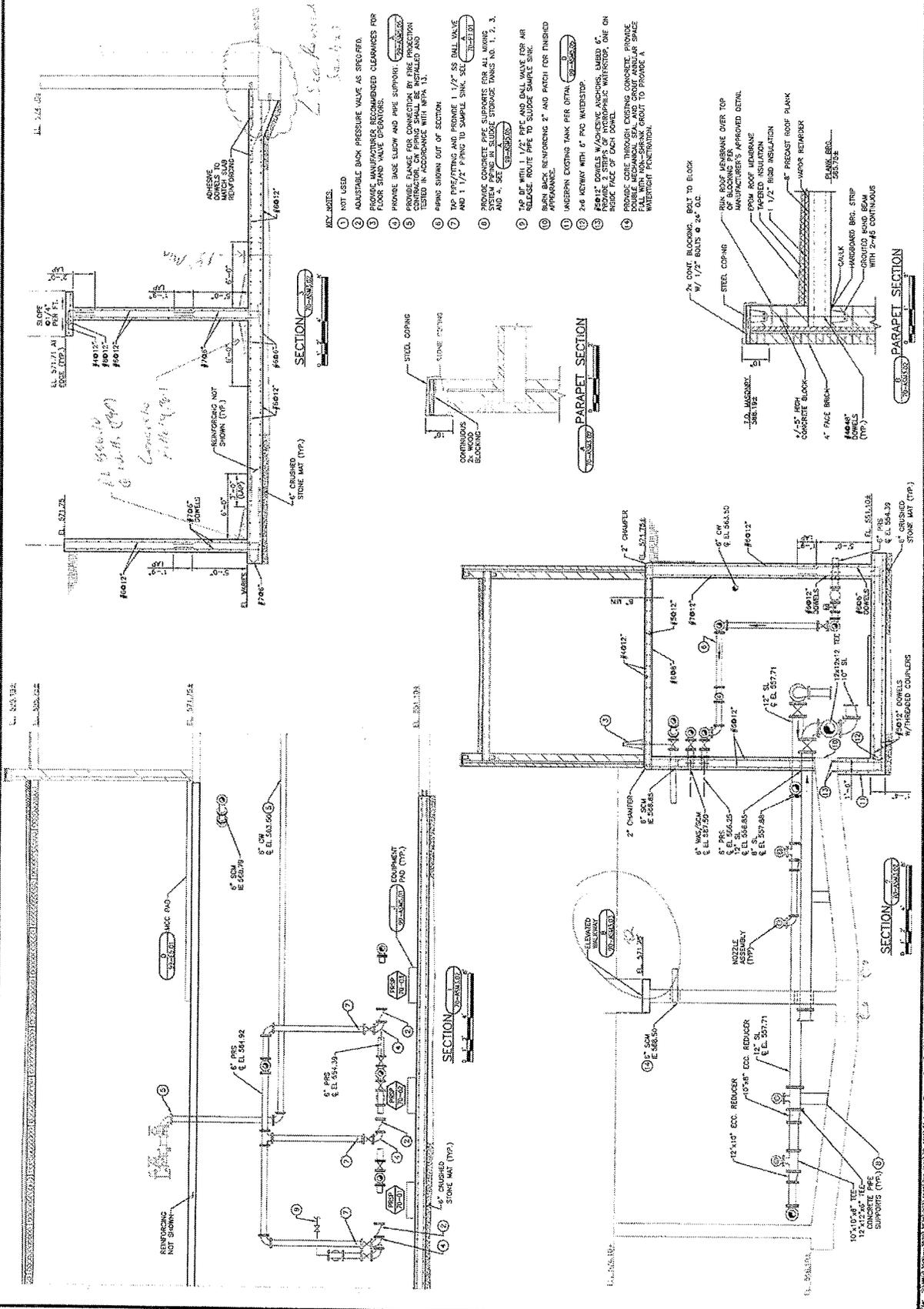
SLUDGE STORAGE TANKS AND SLUDGE CONTROL BUILDING
SECTIONS - 2

NORTH SLOPE WASTEWATER TREATMENT PLANT IMPROVEMENTS
ROCK ISLAND COUNTY, ILLINOIS

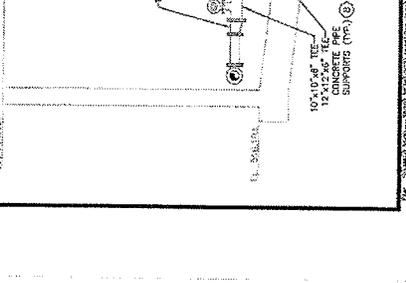
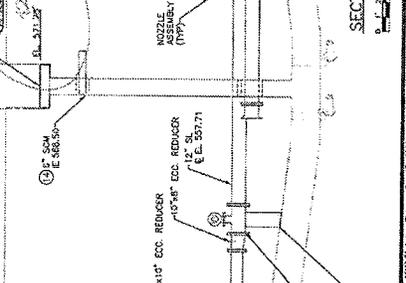
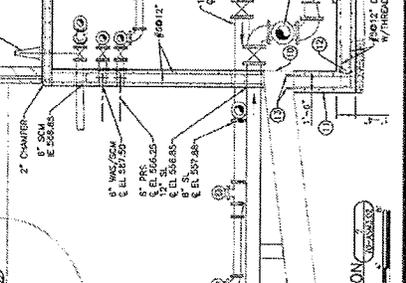
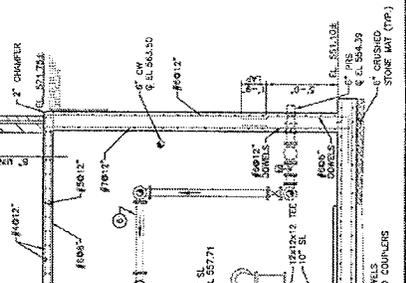
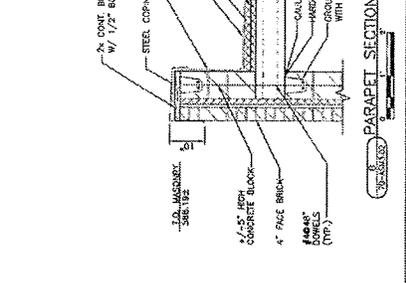
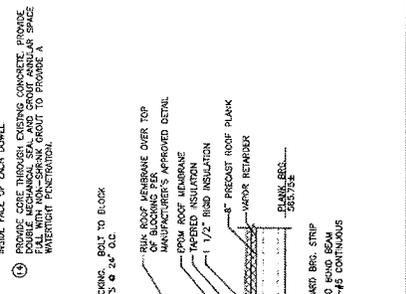
STRAND ASSOCIATES
107
70-55M3.02

JOB NO. 70-55M3.02
PROJECT MGR. TEST W. STRONG

NO.	DATE	REVISIONS
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- NOTES:
- NOT USED
 - ADJUSTABLE BACK PRESSURE VALVE AS SPECIFIED.
 - ALL PIPING SHALL BE INSTALLED WITH UNBUNDLED CLEARANCES FOR FLOOR SLABS AND WALL DECKING.
 - PROMOTE BASE SLURRY AND PIPE SUPPORTS TO BE INSTALLED AND TESTED IN ACCORDANCE WITH NEPA 13.
 - PIPING SHOWN OUT OF SECTION.
 - 100 PIPING AND PROMOTE 1 1/2" SS BALL VALVE TO SAMPLE SINK. SEC. 70-55M3.02.
 - PROMOTE CONCRETE PIPE SUPPORTS FOR ALL LINES TO SAMPLE SINK. SEC. 70-55M3.02 AND 4" SEC. 70-55M3.02.
 - 1/2" B.P. WITH 1 1/2" PIPING AND BALL VALVE FOR AIR RELEASE. ROUTE PIPE TO SLUDGE SAMPLE SINK.
 - REWORKING 2" AND PATCH FOR FINISHED APPEARANCE.
 - UNDERPIN EXISTING TANK PER DETAIL. SEC. 70-55M3.02.
 - 2x6 KEYSWAY WITH 6" PVC WATERSTOP.
 - 1/2" DRILLS W/ADHESIVE ANCHORS, LABELED 6".
 - ROCK FACE OF EACH DOWN.
 - PROMOTE CORE THROUGH EXISTING CONCRETE. PROVIDE DOUBLE MECHANICAL SEAL AND CHAIR ANCHORS SPACE. PROVIDE MECHANICAL SEAL AND CHAIR ANCHORS TO PROVIDE A WATERPROOF FUNCTIONALITY.

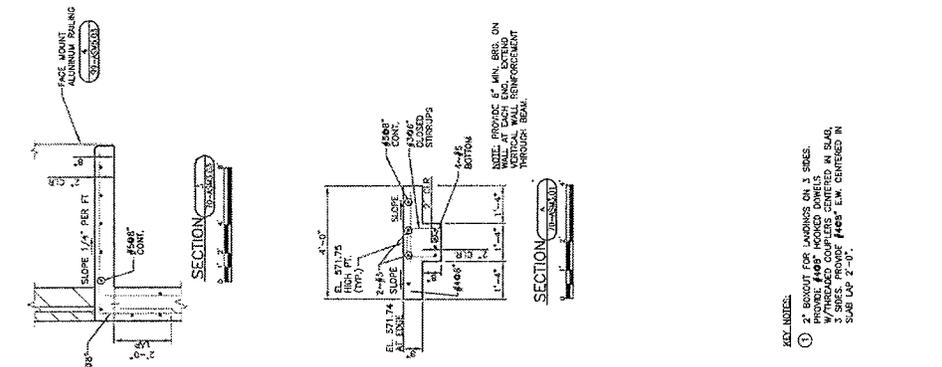


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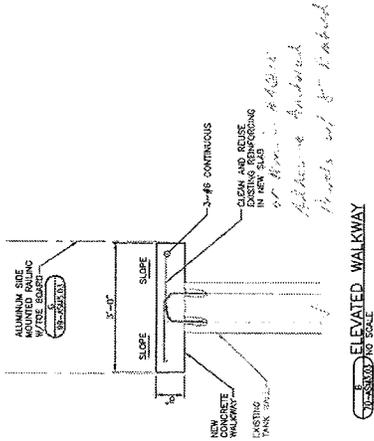
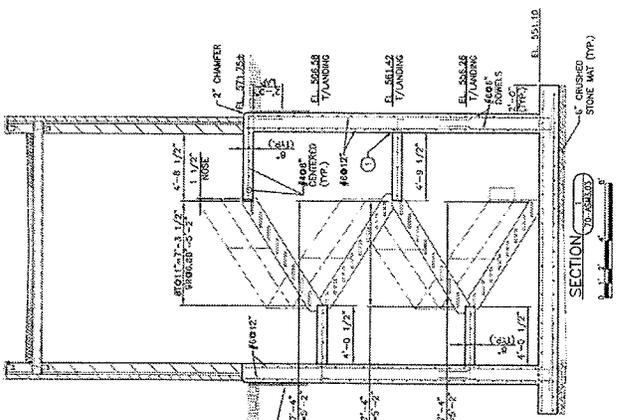
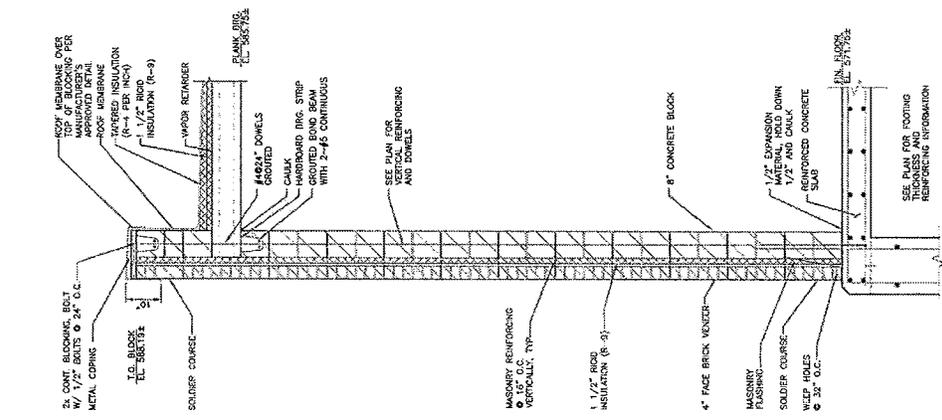
SLUDGE STORAGE TANKS AND SLUDGE CONTROL BUILDING
 SECTIONS - 3
 NORTH SLOPE WASTEWATER TREATMENT PLANT IMPROVEMENTS
 CITY OF MOLINE
 ROCK ISLAND COUNTY, ILLINOIS

JOB NO. 9772-002
 PROJECT MGR. PAUL W. STRAND
 STRAND ASSOCIATES' SHEET 108
 70-ASMS.03

NO.	DESC.	DATE



- NOTES:
- 2" BRQUIT FOR LANDINGS ON 3 SIDES.
 - 1/2\"/>



Handwritten note:
 Clean and reuse existing reinforcing steel bars
 at bottom of slab
 1/2\"/>

GMS APPLICATION NUMBER: 2015-H2457-IL-DJ

**MEMORANDUM OF UNDERSTANDING
2015 BYRNE JUSTICE ASSISTANCE GRANT (JAG) PROGRAM**

THIS AGREEMENT is made and entered into this 18th day of May, 2015, by and between **THE COUNTY OF ROCK ISLAND, ILLINOIS (“County”)**, **THE CITY OF MOLINE, ILLINOIS (“Moline”)**, and **THE CITY OF ROCK ISLAND, ILLINOIS (“Rock Island”)**, in regard to the joint application for funding available from the U. S. Department of Justice.

WITNESSETH:

WHEREAS, County, Moline, and Rock Island are eligible to submit a joint application for the aggregate of funds allocated to them under the 2015 Byrne Justice Assistance Grant (JAG) Program award; and

WHEREAS, the grant requires that one agency serve as the Fiscal Agent for the funds and administer the financial and programmatic requirements; and

WHEREAS, Rock Island County will serve in the capacity of Fiscal Agent for the 2015 JAG grant, and as such will make application for the joint funding and comply with the subsequent reporting requirements; and

WHEREAS, this agreement is made subject to and enabled by Article VII, Section 10 of the Illinois Constitution of 1970 and the Intergovernmental Cooperation Act, 5 ILCS 220/1 *et seq.*

NOW THEREFORE, the participating agencies agree as follows:

Grant Administration. Rock Island County will complete the application process, based on the agreed upon allocation of funding and the individual projects as identified below for each of the participating agencies.

GMS APPLICATION NUMBER: 2015-H2457-IL-DJ

A. Upon receipt of the JAG funding, County will pay Moline the sum of \$11,639.70 as its portion of the grant for its Less Lethal Weapon Deployment Project.

B. Upon receipt of the JAG funding, County will pay Rock Island the sum of \$16,335.90 for the Police Officer Personnel Project.

C. Upon receipt of the JAG funding, County will retain the sum of \$3,108.40 for the Law Enforcement Courthouse/Justice Center Security Enhancement Project.

D. Each participating agency will establish a trust fund account in which its portion of the JAG funding will be deposited.

E. Each participating agency will retain documentation of all expenditures made from the JAG funding during the course of the grant period.

F. Upon request by County, Moline and Rock Island will provide financial and program data from their respective individual JAG funded projects for preparation of the appropriate quarterly and semi-annual reports required under the grant.

G. County, as the Fiscal Agent, will prepare and submit the required quarterly financial and program reports required under the grant.

Term: The term of this agreement shall be for the four-year grant period, or until final close-out of the grant has been approved by the U. S. Department of Justice, whichever occurs first.

Miscellaneous: Each party to this agreement will be responsible for its own actions in providing services under this agreement and shall not be liable for any civil liability that may

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arise from the furnishing of services by the other parties.

CITY OF MOLINE, ILLINOIS

CITY OF ROCK ISLAND, ILLINOIS

By: _____
Mayor

By: _____
Mayor

Attest:

City Clerk

Attest:

City Clerk

Approved As To Form:

City Attorney

Approved As To Form:

City Attorney

**COUNTY OF ROCK ISLAND,
ILLINOIS**

By: _____
County Board Chairman

Attest:

Approved As To Form:
