City of Fayetteville Staff Review Form

2018-0729

Legistar File ID

1/15/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander  12/4/2018  WASTEWATER TREATMENT (730)

Submitted By  Submitted Date  Division / Department

Action Recommendation:

Staff recommends approval of a payment to CH2M Hill Engineers, Inc. in the amount of $95,339.16 for reimbursement of costs incurred in 2018 to overhaul belt filter presses at the Noland and West Side Water Resource Recovery Facilities.

Budget Impact:

<table>
<thead>
<tr>
<th>Account Number</th>
<th>02069.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Number</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Budgeted Item?</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does item have a cost?</td>
<td>Yes</td>
</tr>
<tr>
<td>Budget Adjustment Attached?</td>
<td>No</td>
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<table>
<thead>
<tr>
<th>Fund</th>
<th>Water and Sewer</th>
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</thead>
<tbody>
<tr>
<td>Account Number</td>
<td>02069.1</td>
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<tr>
<td>Project Title</td>
<td>Plant, Pumps and Equipment - WWTP</td>
</tr>
<tr>
<td>Current Budget</td>
<td>$844,807.00</td>
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<tr>
<td>Funds Obligated</td>
<td>$521,730.62</td>
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<tr>
<td>Current Balance</td>
<td>$323,076.38</td>
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<td>Item Cost</td>
<td>$95,339.16</td>
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<td>Budget Adjustment</td>
<td>$</td>
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<tr>
<td>Remaining Budget</td>
<td>$227,737.22</td>
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Purchase Order Number:  
Change Order Number:  
Original Contract Number:  
Comments:
MEETING OF JANUARY 15, 2019

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff
       Water & Sewer Committee

FROM: Tim Nyander, Utilities Director

DATE: December 4, 2018

SUBJECT: Reimbursements to CH2M Hill Engineers, Inc. in the amount of $95,339.16 for belt-filter press repairs at the Noland and West Side wastewater treatment facilities

RECOMMENDATION:
Staff recommends approval of a payment to CH2M Hill Engineers, Inc. in the amount of $95,339.16 for reimbursement of costs incurred in 2018 to overhaul belt filter presses at the Noland and West Side Water Resource Recovery Facilities.

BACKGROUND:
Part of the Noland and West Side biological wastewater treatment processes utilizes microorganisms to break down organic waste. As these microorganisms grow and multiply, a portion needs to be removed to maintain proper balance of organic waste and microorganisms used to treat the waste. When excess microorganisms are removed, they are dewatered through belt filter presses (BFPs) and hauled to the Biosolids Management Site for further processing and sold as a Class A Biosolid fertilizer.

The Noland and West Side facilities each have two BFPs, totaling four presses that Jacobs operates and maintains for the City. Due to the organic loading and wasting needs of the WRRFs, all four presses are operated nearly every day.

DISCUSSION:
These critical assets have several moving parts. Each BFP has a total of approximately 14 rollers, 28 bearings, 2 belts, 120 nylon slats, 2 doctor blades, 8 wash box seals, gearboxes, motors, limit switches, emergency stops, etc.

In late 2017, what appeared to be a relatively straight forward and simple repair of a few bearings and some minor machine work on a couple of rollers on one of the Noland BFPs, evolved into multiple repairs needed on multiple BFPs that in effect resulted in complete overhauls to make them functional and extend their life. This depleted critical spares, increased unexpected repair costs, and increased downtime. Over the course of the year, several components were replaced including but not limited to: bearings, bearing housings, seals, belts, rollers machined and recoated, etc. In fact, there are still two BFPs out of service waiting for
rollers to be repaired. In general, the BFPs at Noland required most of the overhauls, as expected since Noland’s BFPs are older than the West Side’s; however, the West Side did require some overhaul and will require more before the year is finished.

The table below describes the repairs and related material costs. Invoices for each line item are attached. This table is not an all-inclusive list of every cost spent repairing BFPs this year, but it does include the significant or out of the ordinary repairs. It only includes parts and no labor costs.

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Invoice# and Date</th>
<th>Repair/Part Description</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Andritz</td>
<td>8480080547, 3/29/2018</td>
<td>Replacement belts – quantity 4</td>
<td>$10,878.29</td>
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<tr>
<td>Andritz</td>
<td>8480080803, 4/10/2018</td>
<td>Bearing package (bearing, seal, spacer, housing, snap ring) – quantity 23</td>
<td>$13,140.95</td>
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<tr>
<td>Andritz</td>
<td>8480080902, 4/13/2018</td>
<td>Bearing package (bearing, seal, spacer, housing, snap ring) – quantity 14</td>
<td>$8,082.37</td>
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<tr>
<td>Andritz</td>
<td>8480083083, 6/30/2018</td>
<td>Repair of five rollers: x-ray to confirm integrity, machine roller ends, recoat rollers.</td>
<td>$9,018.29</td>
</tr>
<tr>
<td>Andritz</td>
<td>8480078858, 1/26/2018</td>
<td>Limit switches and emergency stops</td>
<td>$1,317.01</td>
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<tr>
<td>Andritz</td>
<td>8480078859, 1/26/2018</td>
<td>Bearing package (bearing, seal, spacer, housing, snap ring) – quantity 39</td>
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<tr>
<td>Andritz</td>
<td>8480078863, 1/26/2018</td>
<td>Replacement belts – quantity 2</td>
<td>$4,651.35</td>
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<tr>
<td>Andritz</td>
<td>8480078857, 1/26/2018</td>
<td>Wear strips, 88-inch – quantity 122</td>
<td>$5,673.29</td>
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<tr>
<td>Andritz</td>
<td>8480079150, 1/31/2018</td>
<td>Replacement belts – quantity 2</td>
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<tr>
<td>Andritz</td>
<td>8480079387, 2/13/2018</td>
<td>Bearing package (bearing, seal, spacer, housing, snap ring) – quantity 1</td>
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<td>Holcomb</td>
<td>107945, 2/23/2018</td>
<td>Roller Repair</td>
<td>$340.42</td>
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<td>Holcomb</td>
<td>107884, 1/3/2018</td>
<td>Roller Repair</td>
<td>$789.61</td>
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<td>Holcomb</td>
<td>107897, 1/18/2018</td>
<td>Roller Repair</td>
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<td>Evans</td>
<td>35890, 3/22/2018</td>
<td>Roller repair</td>
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<td>Evans</td>
<td>35891, 3/22/2018</td>
<td>Roller repair</td>
<td>$1,784.00</td>
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**Total Cost** | **$95,339.16**
BUDGET/STAFF IMPACT:
When the 5-year Capital Improvement Plan was created and submitted two years ago, it included requests for funding to complete anticipated overhauls of the BFPs in 2019, but the overhauls were required sooner than expected due to failures. Attempts to limit the repairs as expense turned out to not be feasible over several months as more and more of the parts were found to be worn beyond their useful life.

Funding is available in the CIP - WWTP plant pumps and equipment. Reimbursing Jacobs the $95,339.16 through the City’s CIP funds will reduce the total cost for the City because markup will not be charged for the material purchased to repair the BFPs through the O&M contract between CH2M Hill Engineers, Inc. and the City.

Attachments:
Invoices
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

Repeat Print
Invoice No./Date: 8480080547 / 03/29/2018
Customer PO No.: 10381-7-121550 REL#2
Our Order No./Date: C28910 / 01/08/2018
Contact: Terry Spoonts
Phone: +18174191709
Fax: +18174191909
Email: terry.spoonst@andritz.com

Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 120858
Westside WWTP
City of Fayetteville Westside WWTP
15 Broyles Rd
Fayetteville AR 72701

Terms of Delivery
FCA ORIGIN,PREPAID&ADD, Acc. to Incoterms 2010

Invoice Details
Job#1444 2.0M SMX West Side Plant

Contact: Judi Sample

Should you choose to place an order, please provide the following information:

1. Shipping Address for Delivery
2. Billing Address for Invoice
3. Shipping Terms: If a specific carrier is preferred, please list as FCA, Origin Collect with preferred carrier, Otherwise, list as FCA, Origin Prepaid & Add.
4. Reference this Quote 20483642

Freight is excluded.

Belts will be ready to ship Tuesday IF PO is received MONDAY 9AM.

<table>
<thead>
<tr>
<th>Item</th>
<th>Material Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Price Unit</th>
<th>Value USD</th>
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<tbody>
<tr>
<td>000010</td>
<td>131410894 PRESS BELT</td>
<td>2</td>
<td>2,122.30 1 PC</td>
<td>4,244.60</td>
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<td>WBS-Element: S-48-C28910-527</td>
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<tr>
<td>000020</td>
<td>131410889 PRESS BELT</td>
<td>2</td>
<td>2,188.80 1 PC</td>
<td>4,377.60</td>
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</table>
Invoice No./Date:  
8480080547 / 03/29/2018

<table>
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<tr>
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<th>Material Description</th>
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<td><strong>10,878.29</strong></td>
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Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480080547.
Invoice

Invoice No./Date: 8480080803 / 04/10/2018
Customer PO No.: Po-10381-7-121550
Our Order No./Date: B75442 / 08/01/2017
Contact: Terry Spoonts
Phone: +18174191709
Fax: +18174191909
Email: terry.spoonts@andritz.com
Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Terms of Delivery
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterms 2010

Markings and Numbers:
Number, Type of packing: 1 Standard Crate
Packing list No./Date: 81148980 / 04/05/2018

Volume
35.85 FT³

Gross Weight
930.00 LB

Net Weight
930.00 LB

Invoice Details

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<tr>
<th>Item</th>
<th>Material Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Price Unit</th>
<th>Value USD</th>
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<tr>
<td>000040</td>
<td>131454238 BEARING PACKAGE 2 BOLT BASE/4 BOLT CAP, CLOSED NYLON PA11, FIXED WBS-Element: S-48-B75442-527</td>
<td>23 PC</td>
<td>525.00</td>
<td>1 PC</td>
<td>12,075.00</td>
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</table>

Items total 12,075.00
Freight Costs 120.78
Total Amount 12,195.78
Total tax 945.17
Invoice Amount 13,140.95

Terms of payment:
Within 30 days Due net
Invoice No./Date:
8480080803 / 04/10/2018

Invoice reference number
In case of wire transfer please use the following reference number 8480080803.
# Invoice

Invoice No./Date: 8480080902 / 04/13/2018  
Customer PO No.: 10381-7-121550  
Our Order No./Date: B75746 / 08/02/2017  
Contact: Terry Spoonst  
Phone: +18174191709  
Fax: +18174191909  
Email: terry.spoonst@andritz.com  
Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426  
CH2M Hill Engineers, Inc.  
c/o City of Fayetteville  
Nolan WWTP  
1400 North Fox Hunter Road  
Fayetteville AR 72701-3089

Terms of Delivery  
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterms 2010

### Markings and Numbers:

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<th>Number, Type of packing:</th>
<th>Packing list No./Date</th>
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<td>1 Standard Crate</td>
<td>81153247 / 04/12/2018</td>
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### Invoice Details

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<th>Volume</th>
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<th>Net Weight</th>
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<tbody>
<tr>
<td>35.85 FT3</td>
<td>690.00 LB</td>
<td>690.00 LB</td>
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</tbody>
</table>

| Item 000040 | Material 131454238 | Quantity 14 | Description BEARING PACKAGE 2 BOLT BASE/4 BOLT CAP, CLOSED NYLON PA11, FIXED WBS-Element: S-48-875746-527 | Price 525.00 | Price Unit 1 PC | Value USD 7,350.00 |

| Items total | 7,350.00 |
| Freight Costs | 151.04 |
| Total Amount | 7,501.04 |
| Total tax | 581.33 |
| **Invoice Amount** | **8,082.37** |

Terms of payment:  
Within 30 days Due net
Invoice reference number
In case of wire transfer please use the following reference number 8480080902.
# Past Due Invoice

**Customer:** CH2M Hill Engineers, Inc.  
Attn: Accounts Payable  
PO Box 241329  
Denver CO 80224

**Invoice No./Date:** 84800083083 / 06/30/2018  
**Repair RMA No./Order No.:** C40632 / 02/05/2018

**Contact:** Terry Spoons  
**Phone:** +18174191709  
**Fax:** +18174191909  
**Email:** terry.spoons@andritz.com

**Sales Responsible:** WILLIAMS, WILLIAM D.

**Ship-To Address:** 8100025426  
CH2M Hill Engineers, Inc.  
c/o City of Fayetteville  
Nolan WWTP  
1400 North Fox Hunter Road  
Fayetteville AR 72701-3089

---

**Terms of Delivery:**  
FCA Prepaid and Add, Acc. to Incoterms 2010

---

**Volume:** 221.02 FT³  
**Gross Weight:** 4,300.00 LB  
**Net Weight:** 4,300.00 LB

**Markings and Numbers:**  
**Number, Type of packing:** 5 PACKAGE(S)  
**Packing list No./Date:** 81152555 / 04/11/2018

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<th>Value USD</th>
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<tbody>
<tr>
<td>000010</td>
<td>REPAIR ASSEMBLY DMM20706, 7.0 DIA. 2.0M BUNA TRACKING ROLL</td>
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<td>1,276.00</td>
<td>1 PC</td>
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<tr>
<td>000020</td>
<td>REPAIR ASSEMBLY DMM20723, 8.63 DIA RILSAN TENSION ROLL</td>
<td>1</td>
<td>950.00</td>
<td>1 PC</td>
<td>950.00</td>
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<td>WBS-Element: S-48-C40632-527</td>
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<td>000030</td>
<td>REPAIR ASSEMBLY DMM20701, 12.75 DIA. 2.0M RILSAN S-ROLL</td>
<td>1</td>
<td>1,335.00</td>
<td>1 PC</td>
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<td>REPAIR ASSEMBLY DMM20676, 13-1/4 DIA. 2.0M. BUNA DRIVE ROLL</td>
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<td>2,604.00</td>
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<td>950.00</td>
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Invoice No./Date: 8480083083 / 06/30/2018

<table>
<thead>
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<th>Item</th>
<th>Amount</th>
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<tbody>
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<td>Freight Costs</td>
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<td><strong>Invoice Amount</strong></td>
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Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480083083.
Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn: Accounts Payable
PO Box 241329
Denver CO 80224

Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Terms of Delivery
FCA Prepaid and Add, Acc. to Incoterms 2010

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Price Unit</th>
<th>Value USD</th>
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<tbody>
<tr>
<td>000010</td>
<td>LIMIT SWITCH LEVER SS</td>
<td>2 PC</td>
<td>54.00</td>
<td>1 PC</td>
<td>108.00</td>
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<td>000020</td>
<td>EMERGENCY STOP TWO SPDT EPOXY COATED</td>
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</table>

Items total
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Freight Costs
42.28
Total Amount
1,222.28
Total tax
94.73
Invoice Amount
1,317.01

Invoice No./Date: 8480078858 / 01/26/2018
Customer PO No.: 10381-7-121550-M0001
Our Order No./Date: C18304 / 12/04/2017
Contact: Terry Spoonst
Phone: +18174191709
Fax: +18174191909
Email: terry.spoonst@andritz.com

ANDRITZ Separation Inc.
1010 Commercial Blvd. South
Arlington, TX 76011 USA
Tel.: +1 (817) 465-5911
Fax: +1 (817) 468-3561

Federal Tax ID Number: 59-3779463

Page 1 of 2
Invoice No./Date:
8480078858 / 01/26/2018

Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480078858.
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

PO # 131002661

Terms of Delivery
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterms 2010

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Markings and Numbers:
Number, Type of packing:
1 Standard Crate
Packing List No./Date: 81116555 / 01/25/2018

<table>
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<tr>
<th>Volume</th>
<th>Gross Weight</th>
<th>Net Weight</th>
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<tr>
<td>15.63 FT³</td>
<td>375.00 LB</td>
<td>375.00 LB</td>
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</tbody>
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Invoice Details

<table>
<thead>
<tr>
<th>Item</th>
<th>Material Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Price Unit</th>
<th>Value USD</th>
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</thead>
<tbody>
<tr>
<td>000060</td>
<td>131454242 BEARING PACKAGE</td>
<td>23 PC</td>
<td>452.00</td>
<td>1 PC</td>
<td>10,396.00</td>
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<tr>
<td></td>
<td>2 BOLT BASE/2 BOLT CAP, CLOSED NYLON PA11, BS227360, FIXED</td>
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<td>WBS-Element: S-48-B75748-527</td>
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<tr>
<td>000061</td>
<td>131454238 BEARING PACKAGE</td>
<td>16 PC</td>
<td>525.00</td>
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<td>8,400.00</td>
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<tr>
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<td>2 BOLT BASE/4 BOLT CAP, CLOSED NYLON PA11, FIXED</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>WBS-Element: S-48-B75748-527</td>
<td></td>
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</tbody>
</table>

Items total: 18,796.00
Freight Costs: 122.24
Total Amount: 18,918.24
Total tax: 1,466.16
Invoice Amount: 20,384.40
Invoice No./Date:
8480078859 / 01/26/2018

Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480078859.
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

Customer PO No.: 10381-7-112777
Our Order No./Date: C12211 / 11/15/2017
Contact: Terry Spoonst
Phone: +18174191709
Fax: +18174191909
Email: terry.spoonts@andritz.com

Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

PO # 131002661

Terms of Delivery
FCA Origin Prepaid & Add, Acc. to Incoterms 2010

Invoice Details
ANDRITZ JOB#13031443 2.0M SMX

Contact: Mayo Miller 435-690-1955
Quote 20473891

<table>
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<tr>
<th>Item</th>
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<th>Quantity</th>
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<tbody>
<tr>
<td>000010</td>
<td>131410889 PRESS BELT WBS-Element: S-48-C12211-528</td>
<td>1 PC</td>
<td>2,122.30</td>
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<tr>
<td>000020</td>
<td>131410896 PRESS BELT WBS-Element: S-48-C12211-528</td>
<td>1 PC</td>
<td>2,194.50</td>
<td>1 PC</td>
<td>2,194.50</td>
</tr>
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</table>

Items total
Total Amount
Total tax
Invoice Amount

| Items total | 4,316.80 |
| Total Amount | 4,316.80 |
| Total tax | 334.55 |
| Invoice Amount | 4,651.35 |
Invoice No./Date:
8480078863 / 01/26/2018

Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480078863.
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

Invoice No./Date: 84800078857 / 01/26/2018
Customer PO No.: PO-10381-7-121550
Our Order No./Date: B85098 / 08/31/2017
Contact: Terry Spoonst
Phone: +18174191709
Fax: +18174191909
Email: terry.spoonst@andritz.com

Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Terms of Delivery
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterm 2010

Markings and Numbers:

| Number, Type of packing: | Packing list No./Date | 1 Standard Crate | 81116532 / 01/25/2018 |

<table>
<thead>
<tr>
<th>Volume</th>
<th>Gross Weight</th>
<th>Net Weight</th>
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<tr>
<td>51.33 FT³</td>
<td>606.00 LB</td>
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Invoice Details

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<th>Price Unit</th>
<th>Value USD</th>
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<tr>
<td>000010</td>
<td>131408677</td>
<td>122 PC</td>
<td>42.75</td>
<td>1 PC</td>
<td>5,215.50</td>
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WEAR STRIP, EXTRUDED, SOLIDUR, EP625 PROFILE A, 88" LG
WBS-Element: S-48-B85096-527

| Items total | 5,215.50 |
| Freight Costs | 49.73 |
| Total Amount | 5,265.23 |
| Total tax | 408.06 |
| Invoice Amount | 5,673.29 |

Terms of payment:
Within 30 days Due net
Invoice No./Date:
8480078857 / 01/26/2018

Invoice reference number
In case of wire transfer please use the following reference number 8480078857.
# Invoice

**Invoice Details**

**Contact:** Judi Sample  479-443-3292

**Reference Quote:** 20485812

<table>
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<td>000010</td>
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<td>2,196.00</td>
<td>1 PC</td>
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<tr>
<td>000020</td>
<td>131410896 PRESS BELT</td>
<td>1 PC</td>
<td>2,266.00</td>
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</tbody>
</table>

| Items total | 4,462.00 |
| Freight     | 105.04   |
| Total Amount| 4,567.04 |
| Total tax   | 353.95   |

**Invoice Amount**  
4,920.99
Invoice No./Date:
8480079150 / 01/31/2018

Terms of payment:
Within 30 days Due net

Invoice reference number
In case of wire transfer please use the following reference number 8480079150.
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

Invoice No./Date: 8480079387 / 02/13/2018
Customer PO No.: 10381-7-121550
Our Order No./Date: B75746 / 08/02/2017
Contact: Terry Spooner
Phone: +18174191709
Fax: +18174191909
Email: terryspooners@andritz.com
Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Terms of Delivery
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterms 2010

Markings and Numbers:
Number, Type of packing: 1 Cardboard Box
Packing list No./Date: 811200087 / 02/01/2018

Volume: 0.93 FT3
Gross Weight: 18.00 LB
Net Weight: 18.00 LB

Invoice Details

<table>
<thead>
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<th>Material Description</th>
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<tbody>
<tr>
<td>000060</td>
<td>131454242 BEARING PACKAGE 2 BOLT BASE/2 BOLT CAP, CLOSED NYLON PA11, BS227380, FIXED WBS-Element: S-48-B75746-527</td>
<td>1 PC</td>
<td>452.00</td>
<td>1 PC</td>
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</table>

Items total 452.00
Freight Costs 16.08
Total Amount 468.08
Total tax 36.28
Invoice Amount 504.36

Terms of payment:
Within 30 days Due net
Invoice reference number
In case of wire transfer please use the following reference number 8480079387.
Invoice

Customer: 8200000282
CH2M Hill Engineers, Inc.
Attn Accounts Payable
PO Box 241329
Denver CO 80224

Invoice No./Date: 8480079683 / 02/26/2018
Customer PO No.: Po-10381-7-121550
Our Order No./Date: B75442 / 08/01/2017
Contact: Terry Spoonts
Phone: +181741491709
Fax: +18174191909
Email: terry.spoonts@andritz.com

Sales Responsible: WILLIAMS, WILLIAM D.

Ship-To Address: 8100025426
CH2M Hill Engineers, Inc.
c/o City of Fayetteville
Nolan WWTP
1400 North Fox Hunter Road
Fayetteville AR 72701-3089

Terms of Delivery
FCA ORIGIN, PREPAID, & ADD, Acc. to Incoterm 2010

Markings and Numbers:

Number, Type of packing: 1 Standard Crate
Packing list No./Date: 81128117 / 02/20/2018

Volume
0.00 FT3

Gross Weight
276.00 LB

Net Weight
276.00 LB

Item Details

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<tr>
<td>000060</td>
<td>131454242 BEARING PACKAGE</td>
<td>24</td>
<td>452.00</td>
<td>10,848.00</td>
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<td>2 BOLT BASE/2 BOLT CAP, CLOSED NYLON PA11, BS227380, FIXED</td>
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<td>WBS-Element: S-48-B75442-527</td>
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</table>

Items total: 10,848.00
Freight Costs: 105.74
Total Amount: 10,953.74
Total tax: 848.91
Invoice Amount: 11,802.65

Terms of payment:
Within 30 days Due net

[ANDRITZ Separation Inc.]
[1010 Commercial Blvd, South Arlington, TX 76001 USA]
[Tel: +1817)465-5611]
[Fax: +1817)466-3301]
[Remit to: ANDRITZ Separation Inc.]
[Dept: 0312]
[P.O. Box 120312]
[Dallas, TX 75312-0312]
[Wire Instructions: NORDEX Bank Finland PLC, New York Branch SWIFT: NDEAUSSNX]
[Account: 8879473001]
[ABA: 029015766]
Invoice reference number
In case of wire transfer please use the following reference number 8480079683.
Project # 659031

SOLD

CH2M HILL ENGINEERS, INC.
1400 N. FOX HUNTER ROAD
FAYETTEVILLE, AR 72701

TO

Attn: Greg Weeks

SHIPPED

CH2M HILL ENGINEERS, INC.
1400 N. FOX HUNTER ROAD
FAYETTEVILLE, AR 72701

<table>
<thead>
<tr>
<th>ORDER NO.</th>
<th>ORDER DATE</th>
<th>CUSTOMER NO.</th>
<th>SALES PERSON</th>
<th>PURCHASE ORDER NUMBER</th>
<th>SHIP VIA</th>
<th>SHIP DATE</th>
<th>TERMS</th>
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<tbody>
<tr>
<td>&gt;107945</td>
<td>02/23/18</td>
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<td>107945</td>
<td>CH2M HILL ENGINEERS</td>
<td>ASAP</td>
<td>N-30</td>
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<tr>
<th>QUANTITY</th>
<th>ORDERED</th>
<th>SHIPPED</th>
<th>ITEM NUMBER</th>
<th>ITEM DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>PER UNIT</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td></td>
<td>LABOR</td>
<td>2 RUBBER COATED ROLLS: REPAIRED 1 SURFACE ON EACH ROLL AS NECESSARY.</td>
<td>313.75</td>
<td></td>
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</table>

WE APPRECIATE YOUR BUSINESS!

Dtw: 1 Usr: 103 3:08 pm
A/R 340.42

SALES AMOUNT 313.75
MISC. CHARGES
FREIGHT
SALES TAX 26.67
TOTAL 340.42
PAYMENT RECD 0.00
**Invoice**

**Project #659031**

**Sold To:** CH2M HILL ENGINEERS, INC.  
1400 N. FOX HUNTER ROAD  
FAYETTEVILLE, AR 72701

**Ship To:** CH2M HILL ENGINEERS, INC.  
1400 N. FOX HUNTER ROAD  
FAYETTEVILLE, AR 72701

**Per:** BRIAN & 200-1432

---

<table>
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<tr>
<th>ORDER NO.</th>
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<th>CUSTOMER NO.</th>
<th>SALES PERSON</th>
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<th>SHIP VIA</th>
<th>SHIP DATE</th>
<th>TERMS</th>
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<tr>
<td>&gt; 107884</td>
<td>01/03/18</td>
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<td>CH2M HILL ENG1N ASAP</td>
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<tr>
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<th>PER UNIT</th>
<th>AMOUNT</th>
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</thead>
<tbody>
<tr>
<td>ORDERED</td>
<td>1 LABOR</td>
<td>1 - 13 1/2&quot; ROLL W/82 1/2&quot; RUBBER COATED: REPAIRED BOTT END OF ROLL FOR BEARINGS, SEALS AND 1 SNAP RING.</td>
<td>727.75 EA</td>
<td>727.75</td>
<td>727.75</td>
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**Date:** 1-9-18

**Signature:**

30. WW: EM-01

OUTSIDE SERVICES

---

**Total:** 727.75

**Payment Rec'd:** 789.61

**Balance Due:** 789.61

---

**We Appreciate Your Business!**

**Drw:** 1  **Usr:** 103  1:56 pm

**A/R:** 789.61

---

**Sales Amount:** 727.75

**Misc. Charges:** 0.00

**Freight:** 61.86

**Sales Tax:** 789.61

**Total:** 789.61

---

**Payment Rec'd:** 789.61

**Balance Due:** 789.61

---

**HOLCOMB MACHINE TOOL PRODUCTS CORP.**

**P.O. BOX 45**

**ELM SPRINGS, AR 72728**

**PHONE OR FAX - 479-248-1489**
**HOLCOMB MACHINE TOOL PRODUCTS CORP.**  
P.O. BOX 45  
ELM SPRINGS, AR 72728  
PHONE OR FAX - 479-248-1489

---

**OUTSIDE SERVICES**  
01/30/18

---

**Project # 659031**

**SOLD**  
CH2M HILL ENGINEERS, INC.  
1400 N. FOX HUNTER ROAD  
FAYETTEVILLE, AR 72701

**TO**  
Attn: Greg Weeks

---

<table>
<thead>
<tr>
<th>ORDER NO.</th>
<th>ORDER DATE</th>
<th>CUSTOMER NO.</th>
<th>SALES PERSON</th>
<th>PURCHASE ORDER NUMBER</th>
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<th>ITEM NUMBER</th>
<th>ITEM DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>PER UNIT</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>1</td>
<td>1 LABOR</td>
<td>1 ROLL W/STEEL CAGE 87&quot; FACE &amp; 24&quot; DIAMETER REPAIRED 2 SURFACES ON EACH END PER INSTRUCTIONS</td>
<td>646.25</td>
<td>FA</td>
<td>646.25</td>
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---

30.WW.EM.01  
OUTSIDE SERVICES  
01/30/18

---

**SALES AMOUNT**  
646.25

**MISC. CHARGES**  
**FREIGHT**  
54.93

**SALES TAX**  
**TOTAL**  
701.18  
.00

**PAYMENT REC'D**  
**BALANCE DUE**  
701.18

---

Drw: 1  Usr:103  1:22 pm  
A/R  701.18

---

WE APPRECIATE YOUR BUSINESS!
INVOICE

LOCATION ID: ROG40
INVOICE NUMBER: 35890
INVOICE DATE: 3/22/2018
PAGE: 1

Remit to:
PO Box 1088
Norman, OK 73070

S 123820
O OPERATION MGMT. INTERNATION
L PO BOX 241329
D DENVER, CO 80224
T
O

S 0001
H OPERATION MGMT. INTERNATION
I
P 1400 N. FOX HUNTER ROAD
FAYETTEVILLE, AR 72701
T
O

NET DUE 1,350.00

SALES REP: RLH
SHIP DATE: 1/22/2018
SHIP VIA: Deliver Our Truck
TERMS: NET30
JOB ID: 00018928
TRANS ID: 00116101

CUSTOMER PO: 131003455
PO RELEASE: 
MISC NUMBER: 

NAMEPLATE DATA
No nameplate data

SPECIAL INSTRUCTIONS
SHIP TO: WEST SIDE PLANT 15 SOUTH BROYLES FAYETTEVILLE, AR. 6-1/2" OD X 87" LONG ROLLER, BOX OF REXNORD BEARINGS

ITEM # / DESCRIPTION / NOTES

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<th>QUANTITY</th>
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We are pleased to provide the following work scope and quotation for your consideration:

Work Scope:
REPAIR 6-1/2" X 87" LONG ROLLER

Additional Comments:
LABOR AND MATERIALS TO RE-MACHINE ONE CENTERING HOLE, TURNED DOWN WORN BEARING AND SEAL SURFACE, WELDED UP WORN BEARING AND SEAL SURFACE AND MACHINED TO PROPER TOLERANCES, MACHINED NEW SNAP RING GROOVE.

REPAIR SELL PRICE...$ 1350.00
LABOR...$ 1290.00
MATERIALS...$ 60.00

24 hour emergency services available.
We appreciate your business.

<table>
<thead>
<tr>
<th>TAXABLE</th>
<th>NONTAXABLE</th>
<th>FREIGHT</th>
<th>SALES TAX</th>
<th>MISC</th>
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PREPAYMENT 0.00 NET DUE 1,350.00

MEMBER
The Electro-Mechanical Authority
SALES REP: RLH
SHIP DATE: 1/22/2018
SHIP VIA: Deliver Our Truck
TERMS: NET30
JOB ID: 00018929
TRANS ID: 00116102

CUSTOMER PO: 131003455
PO RELEASE: MISC NUMBER:

NAMEPLATE DATA
No nameplate data

SPECIAL INSTRUCTIONS
SHIP TO: WEST SIDE PLANT 15 SOUTH BROYLES FAYETTEVILLE, AR. 7" X 87" ROLLER, BOX OF REXNORD BEARINGS

ITEM # / DESCRIPTION / NOTES
UNITS QUANTITY UNIT PRICE EXTENSION

We are pleased to provide the following work scope and quotation for your consideration:

Work Scope:
REPAIR 7" X 87" LONG ROLLER

Additional Comments:
LABOR AND MATERIALS TO TURN DOWN BOTH WORN BEARING AND SEAL SURFACES, WELDED UP BOTH WORN BEARING AND SEAL SURFACES AND MACHINE TO PROPER TOLERANCES. MACHINED TO NEW SNAP RING GROOVES.

REPAIR SELL PRICE....$ 1784.00
LABOR....$ 1724.00
MATERIALS....$ 60.00

24 hour emergency services available.
We appreciate your business.

<table>
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<tr>
<th>TAXABLE</th>
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PREPAYMENT 0.00 NET DUE 1,784.00