

**PUBLIC WORKS DEPARTMENT
MEMORANDUM #55-2018**

DATE: September 24, 2018
TO: Honorable Mayor Carol Dodge and City Council Members
THROUGH: Heather Geyer, City Manager *HG*
FROM: Kent Kisselman, PE, Interim Director of Public Works *KK*
Daniel Martinez, PE, Civil Engineer II
SUBJECT: CR-112 Capital Equipment Purchase – WWTP Blower MCP Replacement

PURPOSE

The City Council will be considering a Resolution for the purchase of three (3) Allen Bradley CompactLogix to upgrade the current Programmable Logic Controller (PLC) inside the Master Control Panel (MCP) and two Local Control Panels (LCP) at the Wastewater Treatment Plant.

BACKGROUND

The City's wastewater treatment plant (WWTP) operates three blowers, one blower was recently installed during the expansion of the WWTP completed in 2017 while the other two were installed about 10 years ago. This purchase order will update the blowers and MCP's obsolete PLC with new models capable of better providing the necessary control range the WWTP biological nutrient removal process requires.

BUDGET IMPLICATIONS

The Public Works Department budgeted \$200,000.00 in the Wastewater Fund for the purchase of Wastewater capital equipment for the 2018 calendar year.

Equipment	Unit Price	Quantity	Total
Howden Turblex MCP and LCP	\$74,519.00	1	\$74,519.00

Appropriation	\$200,000.00
Previously Spent	(\$16,845.00)
MCP Quote	(\$74,519.00)
Remaining Balance	\$108,636.00

SCHEDULE/TIME IMPLICATION

Pending Council approval a Purchase Order will be sent to the vendor.

STAFF RECOMMENDATION

Attached to this memorandum is a proposed resolution which, if approved, will authorize a Purchase Order for the Blowers PLCs. Staff recommends approval of this Resolution.

STAFF REFERENCE

If Council members have any comments or questions they may contact Kent Kisselman, 303.450.4005, kkisselman@northglenn.org.

ATTACHMENTS

1. Howden Turblex Quote
2. Howden Turblex Sole Source Letter

Resolution CR #112



Quotation

PLC Upgrade

Proposal to: Northglenn, Colorado
For: Manuel Freyre
Site: Northglenn WWTF

Our reference: HROAAH.AFM.000193
Rep: Goble Sampson
Date: July 26th, 2018

4654 W Junction Street, Springfield, Missouri 65802, USA

Tel: 417 425 9064
Email: matt.mosier@howden.com
Web: www.howden.com

Revolving Around You™



Customer: Northglenn, Colorado
Project: Upgrade
Site: Northglenn WWTF

Our ref: HROAAH.AFM.000193
Date: July 24th, 2018



1. Introduction

This quotation is for a PLC upgrade for the Howden Turblex compressors (S/N: 5325, 6544) installed at Northglenn WWTF. We look forward to our continued relationship and are pleased to offer this quotation for your consideration.

Your Howden contacts:

Technical inquiries:

Matthew Mosier

Tel: +1 417 425 9064
Fax: +1 417 866 0235
Email: matt.mosier@howden.com

Commercial inquiries:

Alicia Hols

Tel: +1 417 380 5657
Fax: +1 417 866 0235
Email: alicia.hols@howden.com

2. Technical specification

This quotation contains information on scope, pricing and terms.

2.1. Scope:

Program changes and hardware upgrades for Master Control Panel (MCP)

- Qty (1) Upgrade PLC to Allen Bradley CompactLogix.
- Includes programming and testing at factory.

Program changes and hardware upgrades for Local Control Panel (LCP)

- Qty (2) Upgrade PLC to Allen Bradley CompactLogix.
- Includes Ethernet switch, power supply, circuit breakers, fuses.
- Includes programming and testing at factory.

One (1) trip, six (6) eight hour days on site for installation, start-up, and testing.

2.2. Notes:

Proposal includes electrical engineering time for programming, testing, and updating electrical drawings.

Any significant wear or abnormalities identified requiring extra labor and / or parts shall be billed per Howden's standard Service Rate Schedule or Price lists. Howden will provide an estimate of additional time and/or materials required.

Customer: Northglenn, Colorado
Project: Upgrade
Site: Northglenn WWTF

Our ref: HROAAH.AFM.000193
Date: July 24th, 2018



2.3. Pricing:

PLC Upgrade	
Total (USD)	\$74,519

2.4. Terms:

Payment terms are 100% of invoiced value and are due net 30 days. Payment shall not be dependent on Contractor being paid by any third parties. This proposal is based on our standard terms and conditions of sale listed below. All provisions of this offer are subject to negotiation and final approval by Howden. Bid validity is for 30 days.

2.5. Items Not Included:

Taxes or bonds, fittings, bolts, nuts, gaskets, additional wiring, or any other items not specifically listed above.



Schedule of Field Service Rates

A. The following rates apply for service in Continental North America:
 Note: All rates are in U.S. Dollars

Days	Field Service Technician		Engineering Personnel	
Monday thru Friday (except holidays)	First 8 Hours	\$1400	First 8 Hours	\$2160
	Over 8 Hours	\$265/hour	Over 8 Hours	\$400/hour
Saturday, Sunday, and locally recognized holidays	All Hours	\$350/hour	All Hours	\$540/hour

B. The following rates apply for service outside Continental North America:

Days	Field Service Technician		Engineering Personnel	
Monday thru Friday (except holidays)	First 8 Hours	\$1680	First 8 Hours	\$2240
	Over 8 Hours	\$320/hour	Over 8 Hours	\$425/hour
Saturday, Sunday, and locally recognized holidays.	All Hours	\$425/hour	All Hours	\$560/hour

C. The following standards shall apply:

1. The minimum time off for a person during any 24-hour period must be eight (8) consecutive hours.
2. Travel time, Monday through Friday, will be invoiced at the Monday through Friday rates in Tables "A" & "B", up to a maximum of ten (10) hours each day of actual travel time in Continental North America and actual travel time outside of Continental North America. Actual travel time on Saturdays, Sundays and holidays will be at the Saturday, Sunday and Holiday rate in Tables "A" & "B".
3. Time spent on standby at the job site or locally on call shall be regarded as time actually worked, even though the services are not actually utilized, and will be charged at the 8-hour daily rate.
4. Rates apply from time and date of departure home base to time and date of return home base.
5. When a project is expected to exceed 5 continuous weeks, then after 3 weeks the Buyer will allow an extended weekend leave or rotation of personnel. Travel fees shall be by Buyer.
6. Air travel on flight segments exceeding 12 hours will be business class and shall be paid by Buyer. Air travel on flight segments exceeding 4 hours will be premium economy and shall be paid by Buyer.
7. Payments shall be in U.S. funds unless otherwise agreed in writing.
8. Rates quoted are subject to adjustment without notice to conform to Seller's published rates in effect at the time service is performed.

D. Expenses

1. Meals will be \$65/day per diem to be charged from the day of travel start to the day of travel end.
2. Lodging, incidental expenses, transportation to and from the city nearest the jobsite, plus local transportation will be invoiced at cost plus 20% administrative fee. Receipt(s) to be provided when any expense exceeds \$25.00.
3. Transportation to and from the city nearest the jobsite, plus local transportation will be charged at cost plus 20% administrative fee. The mileage allowance for personal car use will be current U.S. government rate per mile.
4. Tool usage, when required, will be charged at a rate of \$350 per trip.
5. Expenses for Airline travel shall be charged at cost Plus a 20% administrative fee (Administrative fee shall not exceed \$500).

E. Terms and Conditions

The sale of services by Howden Roots LLC ("Seller") is subject to Seller's Terms for Sale of Goods and if such terms differ in any way from Buyer's order, or if such terms are construed as an acceptance or confirmation acting as an acceptance, then Seller's acceptance is expressly made conditional on Buyer's assent to any terms or conditions contained in Seller's terms that are different from or additional to those contained in Buyer's writing. Further, this quote shall be deemed notice of objection to such terms and conditions of Buyer. If this quote is construed as the offer, acceptance of same is expressly limited to the terms and conditions contained herein. In any event, Buyer's order of the services shall constitute and manifest Buyer's assent to Seller's Terms for Sale of Goods.

Howden Roots LLC
Standard Terms and Conditions of Sale



1. **DEFINITIONS; SCOPE** - "Buyer" means the issuer of the purchase order and its attachments. "Seller" means Howden Roots LLC.; "Order" means Buyer's purchase order/contract, these terms and conditions of sale, Seller's acceptance and other attachments mutually agreed upon by the parties. "Goods" means the specified drawings, goods and parts as described in Seller's quotation/bid, this Order, and its attachments; "Services" means the specified supervision, testing, repair, or other services of Seller as described in Seller's quotation/bid, this Order, and its attachments. Delivery and scope of supply shall be based upon Seller's quotation/bid and any expressly agreed upon changes.

2. **ACCEPTANCE** - Buyer's acceptance of any Goods or Services from Seller shall constitute full acceptance of Seller's quote and these terms and conditions. These terms and conditions take precedence over Buyer's terms and conditions to which notice of objection is hereby given. No terms or conditions in Buyer's order shall be binding upon Seller unless specifically agreed to in writing by Seller. Neither Seller's commencement of performance or delivery shall be deemed as acceptance of Buyer's terms and conditions.

3. **TESTING AND INSPECTION** - If specified in the Order, Seller will conduct testing and/or inspection or review(s) by Buyer of the Goods or Services at Buyer's risks and costs. Buyer will receive written notice at least three (3) business days prior to such testing/inspection/review(s). If Buyer waives attendance or fails to attend, any testing/inspections/reviews will be deemed to have been made in Buyer's presence.

4. **TITLE & RISK OF LOSS** - Unless specified in the Order, Goods are being purchased EXW (Origin/Factory), Incoterms 2010. Title and risk of loss shall transfer to Buyer upon delivery to the agreed upon Incoterms point (or when delivery should have taken place but for fault of Buyer). Buyer agrees to document (with photos) and promptly advise Seller of any damage or freight claims. Goods that are not promptly and properly rejected by Buyer upon delivery shall be deemed irrevocably accepted; accepted Goods shall be subject to Seller's warranty herein.

5. **WARRANTY** - Seller warrants that: (i) the Goods will be of good material and workmanship; (ii) the Services shall be performed by competent and qualified personnel in a professional and workmanlike manner in accordance with generally established industry standards; and (iii) the Goods and Services will conform to the technical specifications and/or drawings expressly agreed upon between the parties in writing. Seller's warranties on the Goods will be in effect until the earlier of: (i) twelve (12) months from first operation/use of any such Goods or (ii) eighteen (18) months after date of delivery (at the applicable FOB/Incoterms point quoted by Seller). Seller's sole liability and Buyer's sole and exclusive remedy for breach thereof shall be the repair or replacement of such Goods by Seller, at Seller's option and cost (but not including transportation, removal, reinstallation, and decontamination). Seller's warranties on the Services will be in effect until ninety (90) days from the date of the performance of such Services. Seller's sole liability and Buyer's sole and exclusive remedy for breach thereof shall be the re-performance of such Services by Seller. Any warranty repair/replacement/re-performance pursuant to the above warranties shall be warranted by Seller for a period equal to the remainder of the original warranty period set forth above. No "evergreen" or "in-place" warranty is being provided. Seller shall have the sole right to specify the manner and timeframe for such repair/replacement/ re-performance. Defective/non-conforming parts(s)/Goods must be returned to Seller free of all contaminants and, in the event of replacement, will become the property of Seller unless Seller instructs otherwise. The warranty does not include the costs of fitting new parts or other Equipment. If Seller opts to perform any warranty obligations in-place, Buyer shall, without cost to Seller, during a specified time period agreed upon by the parties, provide access by disassembling, removing, replacing, and reinstalling any equipment, structures, or other obstructions to the extent necessary to permit Seller to perform its warranty obligations.

THERE ARE NO WARRANTIES, CONDITIONS, GUARANTEES, REPRESENTATIONS, OR REMEDIES THAT EXTEND BEYOND THE FACE OF THESE TERMS AND CONDITIONS. ALL OTHER WARRANTIES, CONDITIONS, GUARANTEES, REPRESENTATIONS, OR REMEDIES EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE (INCLUDING ANY CONDITION OR WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE) NOT EXPRESSLY SET FORTH HEREIN, ARE FULLY DISCLAIMED AND EXCLUDED TO THE FULLEST EXTENT PERMITTED BY LAW. SELLER'S WARRANTIES DO NOT COVER ANY GOODS OR SERVICES THAT HAVE BEEN ALTERED OR SUBJECTED TO ACCIDENT OR IMPROPER STORAGE, INSTALLATION, ASSEMBLY, COMMISSIONING, MAINTENANCE, USE OR APPLICATION. SELLER DOES NOT WARRANT THAT THE GOODS WILL RESIST THE ACTION OF EROSION OR CORROSIVE GASES, LIQUIDS, OR SOLIDS, OR PRODUCE RESULTS IN COMPLIANCE WITH ANY LAWS, DECREES, OR OTHER STANDARDS.

6. **INSTALLATIONS AND ASSEMBLY** - Unless specified in the Order, Seller is only the supplier of the Goods and shall have no responsibility for the assembly and installation of the Goods

7. **INTELLECTUAL PROPERTY** - Seller's intellectual property rights and proprietary information (in hard copy or in electronic format) remain the property of Seller. Notwithstanding any other provisions or requirements of this Order, no intellectual property or proprietary information is being sold, granted, transferred, licensed, or assigned; there are no works-made-for-hire or unrestricted use (any government rights shall be "limited rights"). Seller shall not be required to provide, or provide access to, any confidential or proprietary area or information. Buyer shall not reverse engineer or otherwise attempt to re-create the Goods/Services.

8. **PATENT INDEMNITY** - Except (i) to the extent of designs or other intellectual property provided by Buyer and/or (ii) to the extent that Goods are altered or combined by Buyer in a manner causing the infringement, Seller will indemnify Buyer from claims by third parties against Buyer if the Goods infringe any Canadian or United States patent. If an injunction is issued against the further use of the Goods, Seller will, at its option and expense: (i) procure for Buyer the right to continue using said item of Goods; or (ii) modify or replace the same with non-infringing Goods or (iii) remove the infringing Goods and refund the purchase price.

9. **BUYER MATERIALS** - Buyer-furnished material must be received by Seller in accordance with the delivery schedule agreed upon by both parties. If shipment of such material is delayed or lost, Seller reserves the right to: (i) Invoice and hold shipment awaiting such material or (ii) invoice and ship less such material. Buyer shall reimburse Seller for all liability incurred by Seller as a result of any such Buyer delay.

10. **ON-SITE SERVICES** - The following section shall apply only if Seller provides on-site Services to Buyer under this Order:

10.1 **Indemnity of Buyer.** Seller will indemnify Buyer from non-nuclear claims brought by third parties against Buyer for (i) bodily injury (including death) and (ii) property damage, each only to the extent directly caused by the negligence of Seller. Seller shall not be responsible for the acts/omissions of Buyer or others. Seller's indemnity obligations shall not apply to Buyer property or any nuclear activity/incident.

10.2 **Insurance.** Seller shall maintain the following insurance coverage : (1) Commercial General Liability with limits of \$1,000,000 combined single limit occurrence for Bodily Injury, Physical Property Damage of third party property, and Contractual Liability coverage, subject to an annual aggregate of \$2,000,000; (2) Automobile Liability - Bodily Injury/Physical Property Damage in the amount of \$1,000,000 combined single limit each occurrence; and (3) Workers Compensation Insurance - statutory, as to Seller's employees. If requested, Seller will provide an ACORD form of certificate confirming such coverage. Seller's provision of a certificate of insurance in accordance with Buyer's site requirements does not constitute Seller's acceptance of Buyer's terms of purchase. Seller shall have no other or further obligations related to insurance or coverage.

10.3 **Other On-site/Service Provisions.** Seller shall comply with applicable Canadian, U.S. and/or provincial/territorial/state statutes, acts, ordinances, regulations, codes, and laws that apply to Seller's performance of the Work. Seller shall comply with job/site requirements as mutually agreed upon by the parties. Seller is an independent contractor and is not responsible for oversight or supervision of work, property or employees of others, including health, safety, or security. Buyer shall advise Seller's personnel in advance of all known and/or suspected hazardous/unsafe conditions and risks that may be encountered while on-site, including proper Material Safety Data Sheets (MSDS). Seller's personnel shall not be required to take any action, or to enter or

remain in any area where he/she reasonably determines that it would be unsafe. Seller's employees, subcontractors, and representatives shall be given unobstructed access to the site and the work. Seller's time and expense for any delays not caused by Seller shall be charged to Buyer. Buyer shall be responsible for any damage to or loss of property of Seller or its subcontractors property if such damage/loss is not caused by Seller or its subcontractors.

11. FORCE MAJEURE; SHIPMENT AND DELAYS - Seller shall not be liable for damages or delay in performance arising from causes beyond its control or without its fault or negligence, including, but not limited to, acts of God or the public enemy, acts of a government in its sovereign capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and/or severe weather. If Buyer requests that Seller store Goods or if delivery instructions are not promptly received from Buyer upon Seller's ready-to-ship notification, Seller may provide for storage of the Goods at Buyer's risk and expense or Buyer must provide for storage at Buyer's cost and risk. Shipments held beyond the scheduled date at the request or fault of Buyer may be billed immediately to Buyer including reasonable expenses incident to such delay, and Buyer shall assume title and risk of loss thereof. Liquidated/delay damages shall not apply to this order.

12. TAXES & DUTIES - Buyer shall be responsible for all sales, use, value added and similar taxes ("Sales Taxes") required on the Goods and Services, which shall be in addition to the consideration payable for such Goods and Services. If Seller invoices Buyer for such Sales Taxes, then Buyer shall pay such amounts to Seller concurrent with the payment of the consideration upon which such Sales Taxes are calculated. If Seller does not invoice Seller for such Sales Taxes, Buyer shall report and remit such Sales Taxes directly to the appropriate taxing authority within the time period required by law and shall provide evidence of such remittance to Seller upon request. Buyer shall be responsible for all import, export, customs duties, fees and similar charges ("Duties") in respect of the Goods and Services, and if Seller is required to pay any amount of Duties in respect of the Goods and Services, then Buyer shall reimburse Seller for such amount upon request.

13. PAYMENT OF PURCHASE PRICE - Buyer shall pay all invoices within thirty (30) days from the date of Seller's invoice ("Payment Due Date") by electronic funds transfer (EFT) or automated clearing house (ACH) transaction. If Buyer disputes all or part of an invoice, Buyer must (i) submit the dispute to Seller in writing within five (5) business days of the date of invoice or the entire amount of the invoice shall be due on the Payment Due Date; and (ii) pay all undisputed amounts on the Payment Due Date. If Buyer fails to pay an undisputed invoice on or before the Payment Due Date, Seller reserves the right to (i) charge late fees at the lesser of (i) the rate of 1.5% per month (18% per annum) or (ii) the maximum amount permitted by law; (ii) require Buyer to pay all of Seller's collection costs; and (iii) cease all work in relation to this Order (without obligation for liquidated damages, if applicable, incurred due to such cessation).

For milestone payments required under this Order, Seller may invoice on the original milestone completion date if the milestone is not met due to Buyer's fault, untimely response or unreasonable delay. In the event that Buyer seeks to modify the Purchase Order, Buyer agrees to make payments in accordance with the original contract terms until such time as modification is mutually agreed upon. Seller only waives claims for payment to the extent that such payments have been received by Seller. If, in Seller's reasonable opinion, Buyer's financial condition may jeopardize full or timely payment, Seller may (i) require full or partial payment as a condition to commencing or continuing its performance (including in advance of any shipment) or (ii) recover Goods from the carrier, if shipment has been made.

14. CANCELLATION - Buyer may cancel this Order, in whole or in part, upon at least seven (7) calendar days advanced written notice to Seller in such case the Seller shall be entitled to be reimbursed for the reasonable Direct Cost incurred by the Seller in performing the work. Direct Costs mean: "such direct costs borne and incurred by the Seller associated with the Order up to and including the date of suspension and/or cancellation, including but not limited to manufacturing costs, salaries, third party supplier costs and reasonable overhead and profit margin." Buyer's cancellation costs shall not exceed the total Order price. Any Goods or Services sold by Seller that are incomplete shall be deemed to be sold "AS IS," "and "WITHOUT WARRANTY OR GUARANTEE OF ANY KIND." Seller may cancel this Order, in whole or in part, at any time if: 1) Buyer suspends work or delays delivery beyond 45 days without it being mutually agreed upon in advance; (2) Buyer breaches any material term of this Order; and/or (3) Buyer files bankruptcy or otherwise fails to either make full and timely payments, meet its obligations, or provide further assurances.

15. EXPORT CONTROL- Goods supplied may be subject to export control, trade sanctions, or other export laws, regulations, rules and licenses of Canada, the United States or other countries ("Export Control Regulations"). Buyer agrees to comply with Export Control Regulations as well as any other applicable country's import control laws. Buyer further agrees that if Export Control Regulations are applicable, it will not disclose or re-export any technical data received under this order to any countries for which the United States government requires an export license or other supporting documentation at the time of export or transfer, unless Buyer has obtained prior written authorization from the United States Office of Export Control or other authority responsible for such matters. Unless otherwise mutually agreed upon by the parties, Buyer shall be responsible for obtaining export licenses or other approvals. The Order will not be accepted unless Seller is satisfied that the Goods can be supplied in compliance with the Export Control Regulations. In the event that any applicable Export Control Regulations prohibit or make impracticable Seller's performance hereunder, Seller will be released from all performance related to the Order. Seller will not be liable to Buyer for any losses, damages, or claims arising from such cancellation of the Order. Seller will not accept payment through a trade sanctioned country financial institution.

16. NUCLEAR SALES (IF APPLICABLE) - If Buyer or any ultimate end user intends to use the Goods or Services in any atomic/nuclear installation or activity, Buyer must notify Seller accordingly in advance and Seller's "Nuclear Indemnity" shall also apply and control (and such terms are hereby incorporated by reference for such purposes, as if fully set forth herein).

17. LIMITATION OF LIABILITY; INDEMNITY CONDITIONS; EXCLUSIVE REMEDIES; OBLIGATIONS; & VALIDITY - The following shall apply, govern, control, and survive at all times and to the fullest extent permitted by law:

17.1 Seller shall not be liable for any loss of profit or revenue, loss of business, loss of contracts, or for any special, indirect, economic, incidental, consequential, or punitive damages or losses, whether based on contract, warranty, indemnity, statute, tort (including negligence), or otherwise pursuant and/or related to this Order.

17.2 Seller's total liability pursuant and/or related to this Order whether for breach of contract or by reason of any tort (including negligence), statute, warranty, indemnity, or otherwise, shall in no event exceed the total price of the Order.

17.3 Any duty to indemnify under these terms and conditions/the Order is conditioned upon Buyer: (i) providing prompt and detailed notice to Seller of any such claim; (ii) tendering the defense/settlement to Seller; and (iii) providing full cooperation, authority, and assistance to Seller.

17.4 Buyer's rights and remedies shall be deemed sole and exclusive, and in place of those at law and equity. The exclusions and limitations set forth in these terms and conditions shall control at all times and survive any breach, or termination of the Purchase Order. If any provision of these terms and conditions of this Order or part thereof shall be held by judicial determination to be invalid or unenforceable they shall be severed from this Order and the valid or enforceable parts of these terms and conditions shall continue in full force and effect.

18. ENTIRE CONTRACT; GOVERNING LAW & FORUM; OFFICIAL LANGUAGE; NO THIRD PARTY BENEFICIARIES; ASSIGNMENT - These terms and conditions of sale cannot be amended, superseded, or modified except by a written document signed by Seller's duly authorized officer and Buyer's duly authorized representative. Governing law and forum of the terms of this Order shall be the laws (and exclusive forum) of the State of New York (USA), despite any conflicts of laws. The official language of this Agreement is English. It is the express wish of the parties that this Agreement and any related documents be drafted and executed in English. The parties agree to exclusive venue in Erie County, New York. Buyer and Seller agree that this Order is between them alone, and there are no third party rights or beneficiaries. Seller may subcontract with third parties for the manufacture and/or purchase of all or part of the Goods and/or Services. Other than Seller's ability to use its vendors/subcontractors, neither party may transfer or assign this Order, in whole or in part, without the other party's express advance permission (which shall not be unreasonably delayed or withheld), and any assignment/transfer without proper consent shall be null, void, and of no force or effect. The parties expressly exclude the application of the United States Convention on Contracts for the International Sale of Goods.



11 October 2017

Howden Roots, LLC
4654 W. Junction Street
Springfield, MO 65802, USA

Tel: +1 417 864 5599
Fax: +1 417 866 0235
Web: www.howden.com

Subject: Factory Authorized Service

Dear Howden/Turblex Equipment Owners,

The Howden Roots site, located in Springfield, MO is a production and service facility that has been providing customized turbomachinery solutions for over 30 years.

This location manufactures parts, performs repairs, and provides field services for Single Stage Blowers, Steam Turbines, and Compressors. Services are available for new and legacy OEM equipment brands including:

- Siemens - steam turbines, compressors
- HV-Turbo / Cord -Turbo / Turblex / Siemens Energy, Inc. – Blowers, compressors and fans
- Schiele – Fans
- Kuhnle, Kopp & Kausch – compressors, fans

Howden is the only factory-authorized service center and distributor of OEM components in North America for these machines. Our commitment to exemplary operating installations is demonstrated by the Company's investment in the Customer Service/Parts Department. This highly trained group of professionals includes in-house technical and parts departments, as well as mechanical and instrumentation field service personnel. The Howden field service group is supported by a staff of mechanical, electrical, and instrumentation engineers from our engineering centers.

For technical support and/or spare parts for your Siemens equipment, contact us at +1 417 864-5599.

Purchase orders should be addressed to:

Howden Roots, LLC
4654 West Junction Street (Formerly West Farm Road 130)
Springfield, MO 65802
USA



Remit to:

Howden Roots, LLC
901 Main Street, 7th Floor
Dallas, TX 75202

Remit via Bank Wire/ACH to:

Howden Roots, LLC
Account number: 4451243234
SWIFT Code: BOFAUS3N
Routing number domestic: 023009593
Routing number ACH/EFT: 111000012

Should you have any problems or additional needs please do not hesitate to contact us.

With kindest regards,

A handwritten signature in blue ink, appearing to read "Alex Lequio". The signature is fluid and cursive, with a long horizontal stroke at the end.

Alex Lequio
Sales Management

Direct: (417) 848-8562
Email: alex.lequio@howden.com

SPONSORED BY: MAYOR DODGE

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-112
Series of 2018

Series of 2018

A RESOLUTION TO AUTHORIZE THE CITY MANAGER TO ISSUE A PURCHASE ORDER TO HOWDEN ROOTS, LLC FOR A TOTAL AMOUNT NOT TO EXCEED \$74,519 FOR PROGRAMMABLE LOGIC CONTROLLERS FOR THE WASTEWATER TREATMENT PLANT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The City Manager is hereby authorized to issue a purchase order to Howden Roots, LLC in an amount not to exceed \$74,519.00 for the purchase of Programmable Logic Controller (PLC) equipment for the aeration blower system at the Wastewater Treatment Plant.

DATED at Northglenn, Colorado, this ____ day of _____, 2018.

CAROL A. DODGE
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney