

# **City of Grand Island**

Tuesday, September 8, 2020 Council Session

# Item G-6

## #2020-210 - Approving Bid Award - Circulating Water Pump 1 B Repairs at Platte Generating Station

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

From:	Timothy G. Luchsinger, Utilities Director Stacy Nonhof, Interim City Attorney
Meeting:	September 8, 2020
Subject:	Circulating Water Pump 1B Repair
Presenter(s):	Timothy G. Luchsinger, Utilities Director

### **Background**

The Platte Generating Station utilizes two circulating water pumps to supply cooling water from the cooling tower to the turbine generator condenser. Although one pump can satisfy most load conditions, both pumps are required for maximum plant capacity. In June, a leak developed due to wear and corrosion on the outlet of the pump casing and was temporarily repaired by plant maintenance staff. Specifications were developed to complete a permanent repair.

### **Discussion**

Specifications for the Circulating Water Pump 1B Repair were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on August 27, 2020. The engineer's estimate for this project was \$75,000.00. Bid packages were sent to three potential bidders and the results are as follows:

The bids were reviewed by plant engineering staff. The bid from JCI Industries has no exceptions, compliant with the specification, and less than the engineer's estimate.

Bidder	Bid Price
JCI Industries, Inc.	
Lee's Summit, Missouri	\$44,880.00
Rotating Equipment Repair, Inc.	
Sussex, Wisconsin	\$67,679.20
RuhrPumpen, Inc.	
Tulsa, Oklahoma	\$87,639.00

## **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

- 1. Move to approve
- 2. Refer the issue to a Committee
- 3. Postpone the issue to future date
- 4. Take no action on the issue

## **Recommendation**

City Administration recommends that Council award the Contract for the Circulating Water Pump 1B Repair to JCI Industries, Inc., of Lee's Summit, Missouri, as the low responsive bidder, with the bid in the amount of \$44,880.00.

### **Sample Motion**

Move to approve the bid in the amount of \$44,880.00 from JCI Industries, Inc., for the Circulating Water Pump 1B Repair at Platte Generating Station.

### Purchasing Division of Legal Department INTEROFFICE MEMORANDUM



Stacy Nonhof, Purchasing Agent

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#### **BID OPENING**

BID OPENING DATE: August 27, 2020 at 2:00 p.m.

FOR: Circulating Water Pump 1B Repair

**DEPARTMENT:** Utilities

ESTIMATE: \$75,000.00

FUND/ACCOUNT: 520

PUBLICATION DATE:August 3, 2020

**NO. POTENTIAL BIDDERS:** 7

#### **SUMMARY**

Bidder:	JCI Industries	<b>Rotating Equipment Repair</b>
Did Coorritore	Lee Summit, MO	Sussex, WI
Bid Security:	Universal Surety Co.	Old Republic Surety Co.
Exceptions:	None	Noted
<b>Bid Price:</b>		
Material:	\$ 6,400.00	\$59,616.00
Labor:	\$38,000.00	\$ 3,592.00
Sales Tax:	\$ 480.00	\$ 4,471.20
Total Bid:	<u>\$44,880.00</u>	\$67,679.20
Bidder:	Ruhrpumpen, Inc.	
Diuuei.	Tulsa, OK	
<b>Bid Security:</b>	Travelers Casualty & Surety Co.	
v	· · ·	
Exceptions:	None	
<b>Bid Price:</b>		
Material:	\$64,718.00	
Labor:	\$22,921.00	
Sales Tax:	N/A	
Total Bid:	\$87,639.00	
cc: Tim Luchs	singer, Utilities Director	Pat Gericke, Utilities Admin. Assi
	lewicz, City Administrator	Patrick Brown, Finance Director
-	hof, Purchasing Agent	Mike Steinke, Maintenance Super-
Stacy NOI	noi, i urchashig Agent	white Stemke, Maintenance Super

Karen Nagel, Utility Secretary

Pat Gericke, Utilities Admin. Assist. Patrick Brown, Finance Director Mike Steinke, Maintenance Supervisor Lynn Mayhew, Utilities Deputy Director P2219



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## **BID SPECIFICATION PACKAGE**

## for

## **CIRCULATING WATER PUMP 1B REPAIR**

## C 129409

**Bid Opening Date/Time** 

Thursday, August 27, 2020 at 2:00 p.m. City of Grand Island, City Hall 100 East 1<sup>st</sup> Street, P.O. Box 1968 Grand Island, NE 68802-1968

**Contact Information** 

Mike Steinke, Maintenance Supervisor City of Grand Island – Utilities Department Platte Generating Station 308/385-5496

Date issued: July 31, 2020

#### ADVERTISEMENT TO BIDDERS FOR CIRCULATING WATER PUMP 1B REPAIR FOR CITY OF GRAND ISLAND, NEBRASKA

Sealed bids for Circulating Water Pump 1B repair will be received at the office of the City Clerk, 100 E. First Street, P.O. Box 1968, Grand Island, Nebraska 68802, until **Thursday, August 27, 2020 at 2:00 p.m. local time,** FOB the City of Grand Island, freight prepaid. Bids will be publicly opened at this time in the Grand Island City Hall City Clerk's Office located on 1<sup>st</sup> floor of City Hall. **Submit** <u>an original and</u> <u>three copies</u> if submitting by mail. Bid package and any Addendas are also available on-line at <u>www.grand-island.com</u> under Business-Bids and Request for Proposals-Bid Calendar under the bid opening date. Bidding documents, plans and specifications for use in preparing bids may be downloaded from the QuestCDN website <u>www.QuestCDN.com</u> for a \$30.00 fee. Submitting through QuestCDN requires one original document of the bid to be uploaded. **Bids received after the specified time will not be considered**.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Successful bidder shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Each bidder shall submit with the bid a certified check, a cashiers check, or bid bond payable to the City of Grand Island in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within fifteen (15) days at the bid price if accepted by the City. <u>Your certified check, cashiers check or bid bond must be submitted in a</u> <u>separate envelope attached to the outside of the envelope containing the bid</u>. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information and correct number of copies in clearly marked and separate envelopes will result in your bid not being opened or considered. Only surety companies authorized to do business in the State of Nebraska may issue bid bonds.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The Purchaser reserves the right to reject any or all bids, to waive irregularities therein, and to accept whichever bid that may be in the best interest of the City, at its sole discretion.

No bidder may withdraw his/her bid for a period of thirty (30) days after date of bid opening.

RaNae Edwards, City Clerk

### Advertised

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#### CIRCULATING WATER PUMP 1B REPAIR BID DATA FORM

## CITY OF GRAND ISLAND GRAND ISLAND, NE

The undersigned Bidder, having examined all specifications and other bidding documents, and all addenda thereto, and being acquainted with and fully understanding all conditions relative to the specified materials and equipment, hereby proposes to provide all engineering, equipment, labor and material necessary to replace the discharge elbow of circulation water pump 1B and recoat steel to protect from corrosion, including the cost of making the pump ready for return shipment, FOB the City of Grand Island, freight prepaid, at the following price:

ITEM DESCRIPTION Base Bid:	EXTENDED COST
Material	\$
Labor	\$
Applicable Sales tax*	\$
Total Base Bid	\$

\* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.5% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

**Exceptions Noted** - Bidder acknowledges there are *Exceptions* and/or *Clarifications* noted to the above bid, and those exceptions are fully explained on a separate sheet, clearly marked, and included with the Bid.

Bidder Company Name		Dat	e
Company Address	City	State	Zip
Print Name of Person Completing Bid		Sig	jnature
Email:	Τε	elephone No	
According to Nebraska Sales and Use Tax Reselected to file with the Nebraska Department		on 1-017, Contractors, che	eck which option you have
Nebraska law provides a sales and the construction, repair, or ann transmission, or distribution of would be exempt, all materials are	exation of an electricity.	y structure used i Separately state	for the generation, ed contractor labor
Option 1 (Section 1-017.05) Option 2	(Section 1-017.06)	Option 3 (Section	1-017.07)
If the Nebraska sales and use tax election under Option 1 for sales and use tax purposes		d above, the contractor w	vill be treated as a retailer
By checking this box. Bidder ack	nowledges the	specified completion	date of the project is

November 7, 2020.

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Note: If Bidder supplies individual unit pricing information as supplemental pricing to the base material and labor cost above, said individual pricing is proprietary information and should not be released under a public records request. The total base bid is not considered proprietary information and will be released pursuant to City Procurement Code.

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#### CHECKLIST FOR BID SUBMISSION

#### <u>FOR</u>

#### **CIRCULATING WATER PUMP 1B REPAIR**

#### Bids must be received by the City Clerk before 2:00 p.m. on Thursday, August 27, 2020.

The following items must be completed for your bid to be considered.

- Submittal of bid documents:
  - Option 1 Mailing: A signed original and three (3) copies of the bidding documents. Failure to submit the correct number of copies may result in your bid not being considered.
    - Note: Your certified check, cashiers check or bid bond should be clearly marked in a separate envelope attached to the signed original bid.
  - Option 2 QuestCDN (online): Purchase the bid specification through QuestCDN at their \$30.00 fee. Upload the signed original of the Bid Data Form, along with any supporting material required to meet the bid specification through QuestCDN. Upload your bid bond online through QuestCDN. Bidders using Certified check or Cashiers' Check must mail said check to the office of the City Clerk no later than the scheduled bid opening date and time and clearly marked with the project name.
- Bidders must complete and sign the Bid Data Form provided in these Documents. All blank spaces must be filled in. Bidders shall acknowledge receipt of any Addenda information on the Bid Data Form.
- Selection of Nebraska Sales Tax Option. If the Nebraska sales and use tax election is not filed or noted above, the Contractor will be treated as a retailed under Option 1 for sales and use tax purposes.
- A reference list of at least three (3) projects of similar scope and complexity.
- Firm lump sum pricing; firm unit pricing in case adjustments are necessary, and breakout of sales tax pricing.
- A proposed project schedule for completing the repairs.
- □ Manufacturing capabilities to repair discharge elbow or obtaining a new discharge elbow.
- □ Exceptions to the specification must be clearly identified and attached to the bid.
- Acknowledgment of Addenda Number(s) if any \_\_\_\_\_.

Please check off each item as completed to ensure compliance. If you have any questions, please feel free to contact our office prior to the bid opening date/time.

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#### **INSTRUCTIONS TO BIDDERS**

#### 1. GENERAL INFORMATION.

The following instructions outline the procedure for preparing and submitting Bids. Bidders must fulfill all requirements as specified in these Documents.

#### 2. TYPE OF BID.

Bidders shall be required to submit prices for all items listed in the Bid Data Form.

#### 3. PREPARATION OF BIDS.

Bidders shall use only the Bid Data Form provided in these Documents. All blank spaces in the Bid Data Form must be filled in, preferably in BLACK ink, in both words and figures where required. No changes to the wording or content of the forms is permitted. Written amounts shall govern in case of discrepancy between the amounts stated in writing and the amounts stated in figures.

Prices stated shall be f.o.b. with freight and full insurance paid by Bidder, to the job site located in Grand Island, Nebraska.

The Bidder shall acknowledge receipt of all Addenda in the Bid Data Form. Bids received without acknowledgement or without the Addendum enclosed will be considered informal.

Individual unit pricing as listed on the Bid Data Form or supplied as supplemental information may be deemed proprietary information and not be released under a public records request. The total amount of the bid is not considered proprietary information and will be released pursuant to City Procurement Code.

#### 4. SUBMISSION OF BIDS.

All Bids must be submitted intact with the correct number of copies no later than the time prescribed, at the place, and in the manner set forth in the ADVERTISEMENT FOR BIDS. Bids must be made on the Bid Data Form provided herein. Each Bid mailed must be submitted intact in a sealed envelope, so marked as to indicate its contents without being opened, and delivered in person or addressed and mailed in conformance with the instructions in the ADVERTISEMENT FOR BIDS.

#### 5. BID SECURITY.

Bids must be accompanied by cash, a certified check, or cashier's check drawn on a bank which is insured by the Federal Deposit Insurance Corporation, or a bid bond issued by a Surety authorized to issue such bonds in the state where the Work is located, in the amount of 5 percent of the bid amount payable to OWNER. This bid security shall be given as a guarantee that the Bidder will not withdraw their Bid for a period of thirty (30) days after bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish a properly executed Performance Bond and Payment Bond, each in the full amount of the Contract price, within the time specified.

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The Attorney-in-Fact that executes this bond on behalf of the Surety must attach a notarized copy of his/her power of attorney as evidence of his/her authority to bind the Surety on the date of execution of the bond. Where State Statue requires, certification by a resident agent shall also be provided.

#### 6. RETURN OF BID SECURITY.

Within fifteen (15) days after the award of the Contract, the OWNER will return the bid securities to all Bidders whose Bids are not to be further considered in awarding the Contract. All other retained bid securities will be held until the Contract has been finally executed, after which all bid securities, other than Bidders' bonds and guarantees which have been fortified, will be returned to the respective Bidders whose Bids they accompanied.

#### 7. BASIS OF AWARD.

The award will be made by the OWNER on the basis of the Bid from the lowest responsive, responsible Bidder which, in the OWNER's sole and absolute judgment will best serve the interest of the OWNER. All Bids will be considered on the following basis:

Delivery time	Conformance with the terms of the Bid
Bid price	Documents
Cost of installation	
Suitability to project requirements	Responsibility and qualification of Bidder

The OWNER reserves the right to reject all Bids, or any Bid not in conformance with the intent of the Bid Documents, and to waive any informalities and irregularities in said Bids.

#### 8. EXECUTION OF CONTRACT.

The successful Bidder shall, within fifteen (15) days after receiving notice of award, sign and deliver to the OWNER the Contract hereto attached together with the acceptable bonds as required in these Bid Documents. Within fifteen (15) days after receiving the signed Contract with acceptable bond(s) from the successful Bidder, the OWNER's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract.

#### 9. PERFORMANCE AND PAYMENT BONDS.

The successful Bidder shall file with the OWNER Performance and Payment Bonds in the full amount (100 percent) of the Contract price, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the Work under this Contract, and to cover all guarantees against defective workmanship or materials, or both, for a period of one (1) year after the date of final acceptance of the Work by the OWNER. The Surety furnishing these bonds shall have a record of service satisfactory to the OWNER, be authorized to do business in the State where the OWNER's project is located and shall be named on the current list of approved Surety Companies, acceptable on Federal bonds as published by the Audit Staff, Bureau of Accounts, U.S. Treasury Department.

The Attorney-in-Fact (Resident Agent) who executes these bonds on behalf of the Surety must attach a notarized copy of his/her power-of-attorney as evidence of his/her authority to bind the Surety on the date of execution of the bond.

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#### 10. TIME OF COMPLETION.

The time of completion of the Work to be performed under this Contract is the essence of the Contract. The time allowed for the completion of the Work is stated in the Bid Data Form.

#### 11. GRATUITIES AND KICKBACKS.

City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

#### 12. FISCAL YEAR.

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

#### CONTRACT AGREEMENT

THIS AGREEMENT made and entered into by and between **[SUCCESSFUL BIDDER]**, hereinafter called the Contractor, and the **CITY OF GRAND ISLAND**, **NEBRASKA**, hereinafter called the City.

WITNESSETH:

THAT, WHEREAS, in accordance with law, the City has caused contract documents to be prepared and an advertisement calling for bids to be published for *CIRCULATING WATER PUMP 1B REPAIR*, and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the aforesaid Contractor to be the lowest responsive and responsible bidder, and has duly awarded to said Contractor a contract therefore, for the sum or sums named in the Contractor's bid, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties have agreed and hereby agree, the City for itself and its successors, and the Contractor for itself, himself/herself, or themselves, and its, his/her, or their successors, as follows:

<u>ARTICLE I</u>. That the following documents shall comprise the Contract, and shall together be referred to as the "Agreement" or the "Contract Documents";

- 1. This Contract Agreement.
- 2. City of Grand Island's Specification for this project.
- 3. [NAME OF SUCCESSFUL BIDDER] bid signed and dated [DATE OF BID].

In the event of any conflict between the terms of the Contract Documents, the provisions of the document first listed shall prevail.

<u>ARTICLE II</u>. That the Contractor shall (a) furnish all tools, equipment, superintendence, transportation, and other construction materials, services and facilities; (b) furnish, as agent for the City, all materials, supplies and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good substantial and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the Contract documents as listed in the attached General Specifications, said documents forming the Contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the City's official award of this Contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid;

<u>ARTICLE III</u>. That the City shall pay to the Contractor for the performance of the work embraced in this Contract and the Contractor will accept as full compensation therefore the sum (subject to adjustment as provided by the Contract) of **[DOLLAR AMOUNT]** (\$00.00) for all services, materials, and work covered by and included in the Contract award and designated in the foregoing Article II; payments thereof to be made in cash or its equivalent in the manner provided in the General Specifications.

The total cost of the Contract includes:

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Base Bid:	\$ .00
Sales Tax on Materials/Equipment:	\$ .00
Sales Tax on Labor:	\$ .00
Total	\$ .00

Contractor Tax Option \_\_\_\_\_

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

<u>ARTICLE IV</u>. The Contractor hereby agrees to act as agent for the City in purchasing materials and supplies for the City for this project. The City shall be obligated to the vendor of the materials and supplies for the purchase price, but the Contractor shall handle all payments hereunder on behalf of the City. The vendor shall make demand or claim for payment of the purchase price from the City by submitting an invoice to the Contractor. Title to all materials and supplies purchased hereunder shall vest in the City directly from the vendor. Regardless of the method of payment, title shall vest immediately in the City. The Contractor shall not acquire title to any materials and supplies incorporated into the project. All invoices shall bear the Contractor's name as agent for the City. This paragraph will apply only to these materials and supplies actually incorporated into and becoming a part of the finished product of the CIRCULATING WATER PUMP 1B REPAIR.

<u>ARTICLE V</u>. That the Contractor shall start work as soon as possible after the Contract is signed and the required bonds and insurance are approved, and that the Contractor shall deliver the equipment, tools, supplies, and materials F.O.B. Platte Generating Station, and complete the work on or before *November 7, 2020*.

<u>ARTICLE VI</u>. The Contractor agrees to comply with all applicable State fair labor standards in the execution of this Contract as required by Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. During the performance of this Contract, the Contractor and all subcontractors agree not to discriminate in hiring or any other employment practice on the basis, of race, color, religion, sex, national origin, age or disability. The Contractor agrees to comply with all applicable Local, State and Federal rules and regulations. The Contractor agrees to maintain a drug-free workplace policy and will provide a copy of the policy to the City upon request. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

<u>ARTICLE VII.</u> Gratuities and kickbacks: City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter,

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pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

#### [SUCCESSFUL BIDDER]

Ву	Date
Title	
CITY OF GRAND ISLAND, NEBRASKA	
By Mayor	Date
Attest:City Clerk	
The Contract is in due form according to law and here are a second to the city	Date

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#### REQUEST FOR BIDS - GENERAL SPECIFICATIONS

The Bid shall be in accordance with the following and with all attached BID DATA and DETAILED SPECIFICATIONS.

All prices are to be furnished and installed FOB, Grand Island, Nebraska. All prices shall be firm, and shall include all sales and use taxes as lawfully assessed under laws and regulations of the State of Nebraska. \* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.5% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

Mailed bids shall include the following on the **outside** of the mailing envelope: "**Circulating Water Pump 1B Repair**". All bids submitted by mail must include <u>an original and three copies</u> of the bid. The bid specification and on-line bidding forms are also available at <u>http://www.grand-island.com/business/bids-andrequest-for-proposals/bid-calendar</u> under the bid opening date and "Click here for bid document link" through QuestCDN for a \$30.00 fee. If submitting through QuestCDN, <u>one</u> original document of the bid is required to be uploaded. No verbal bids will be considered. All sealed bids are due no later than Thursday, **August 27**, **2020 at 2:00 p.m. local time**. to:

Mailing Address:	City Clerk	Street Address:	City Clerk
	City Hall		City Hall
	P. O. Box 1968		100 E. First Street
	Grand Island, NE 68802-1968		Grand Island, NE 68801

Bids will be opened at this time in the City Hall City Clerk's Office located on 1<sup>st</sup> floor of City Hall. Any bid received after the specified date will not be considered.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Contractor shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Platte Generating Station / 1035 W. Wildwood Drive / Box 1968 / Grand Island, Nebraska 68802-1968 Phone (308) 385-5496 / FAX (308) 385-5353

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The equipment and materials must be new, the latest make or model, unless otherwise specified. Prior to approving the invoice for payment, the City reserves the right to thoroughly inspect and test the equipment to confirm compliance with specifications. Any equipment or material which does not meet the City's requirements will be returned at vendor's expense for correction. The invoice will be paid after approval at the next regularly scheduled City Council meeting and occurring after departmental approval of invoice; the City Council typically meets the second and fourth Tuesday of each month. Invoices must be received well in advance of Council date to allow evaluation and processing time.

Each bidder shall submit with the bid a certified check, a cashier's check, or bid bond payable to the City of Grand Island in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the Bidder and the entering into a contract within fifteen (15) days at the bid price if accepted by the City. Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information and correct number of copies in clearly marked and separate envelopes will result in your bid not being opened or considered. Only surety companies authorized to do business in the State of Nebraska may issue bid bonds.

Successful bidder shall comply with the City's insurance requirements; performance and payment bonds are required for this project as outlined in the Detailed Specifications and Instructions to Bidders. All bids shall be valid for at least thirty (30) working days after the bid deadline for evaluation purposes.

All bids must be on the bid form and must be signed and dated to be accepted. If exceptions and/or clarifications are noted to the bid, those exceptions must be fully explained on a separate sheet, clearly marked, and included with the Bid. Any changes that are found made to the original bid specification, other than Owner generated Addendums, would result in your bid not being considered. Please contact Mike Steinke or Lynn Mayhew at 308-385-5496, for questions concerning this specification.

Platte Generating Station / 1035 W. Wildwood Drive / Box 1968 / Grand Island, Nebraska 68802-1968 Phone (308) 385-5496 / FAX (308) 385-5353

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#### Circulating Water Pump 1B Repair

#### **Detailed Specifications**

<u>SCOPE</u>: The Contractor shall furnish all engineering, equipment, labor, and material necessary to replace the discharge elbow of circulation water pump B at Platte Generating Station.

<u>DESCRIPTION</u>: The Platte Generating Station is located at 1035 W. Wildwood Drive, Grand Island, Nebraska. The circulating pump is a Byron Jackson type 42 VX one-stage Vertical Circulator (VCT) pump, Serial Number 781-C-0413. The pumps are self-lubricated and configured for above-foundation discharge. The pump was placed into service in 1981.

<u>PUMP INSPECTION:</u> The following shall be completed with the teardown and inspection:

- 1. Receive pump from shippers.
- 2. Inspect and test material thickness in elbow.
- 3. Give report on repairs required.
- 4. Make recommended repairs to elbow.
- 5. Recoat steel to protect from corrosion.
- 6. Make pump ready for shipment.

The pump discharge elbow wore thin and was temporarily repaired June 2020 by plant maintenance staff. The elbow is to be replaced as per attached drawings. The area shall be carefully examined to what areas are thin and in need of replacement. The most economical method to replace the areas not within 95% of original material thickness shall be used, whether it is a repair or replacing the elbow section. The coating inside and outside shall be reapplied. Coating shall be of a quality to last 10-15 years.

Include the cost of making the pump ready for return shipment.

<u>SUBMITTALS:</u> Bids shall be based on a complete elbow replacement and entire recoating of interior and exterior surfaces not to exceed bid. Final project cost will be based on inspection and recommended repairs.

Bidders shall also include in their bids:

- 1. Manufacturing capabilities to repair discharge elbow or obtaining a new discharge elbow.
- 2. A project schedule for completing the repairs.
- 3. References of three (3) recent projects of similar scope.

<u>MATERIALS, EQUIPMENT, AND SERVICES PROVIDED BY THE CONTRACTOR</u>: The Contractor shall provide all required hand tools, hoists, scaffolding, consumables, and all other equipment and materials necessary to completely perform the work.

<u>SAFETY:</u> The Contractor shall follow all applicable OSHA regulations, plant safety regulations, and the use of FM Global Hot Work Permit System and FM global Red Tag Permit System.

<u>SCHEDULE:</u> The pump will be pulled by Platte Generating Station personnel and be ready for shipment on October 1, 2020. The Contractor shall include a schedule with the bid and a proposed completion date. All bid repair work is to be completed by **November 7, 2020**.

Access to the plant will be available at all times and the Contractor may determine working hours, however, the plant staff will only be available during normal, daytime, weekday working hours.

There is no separate contractor entrance at the Platte Generating Station. There is one gate with a card access security system and the Contractor may request to use access cards rather than request entry and exit for each trip. There is a \$25.00 charge for each access card that is not returned when the job is completed.

Page 14 of 31

<u>QUALIFICATIONS</u>: The Contractor shall be a firm specializing in pump repair in industrial locations. Reference contacts of at least three (3) recent projects of similar scope shall be furnished with the bid.

<u>SERVICE RATES</u>: The Contractor shall include in the Bid a teardown and inspection as specified as a lump sum. The Bid shall also include firm unit pricing for adjustments that may be required for work outside of the specified scope of services.

# The Platte Generating Station is <u>NOT</u> tax exempt and is subject to 7.5% sales tax. See the Nebraska Department of Revenue web site at <u>www.revenue.state.ne.us</u> for contractors' tax information.

<u>CONTACT:</u> Questions regarding this specification may be directed to Mike Steinke or Lynn Mayhew at the Platte Generating Station, telephone (308) 385-5496.

#### ATTACHMENTS:

- Pump Disassembly Procedure
- Pump Test Curve
- Pump Sectional Drawing 1F-8486
- Pump Outline 2C-5652
- Torquing Instructions GS-1507

INSURANCE: The Contractor shall comply with the attached Insurance Requirements.

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#### MINIMUM INSURANCE REQUIREMENTS CITY OF GRAND ISLAND, NEBRASKA

The successful bidder shall obtain insurance from companies authorized to do business in Nebraska of such types and in such amounts as may be necessary to protect the Bidder and the interests of the City against hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Bidder's operations and completed operations. Failure to maintain adequate coverage shall not relieve Bidder of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

#### 1. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

This insurance shall protect the Bidder against all claims under applicable State workers compensation laws. This insurance shall provide coverage in every state in which work for this project might be conducted. The liability limits shall not be less than the following:

Workers Compensation Employers Liability Statutory Limits \$100,000 each accident \$100,000 each employee \$500,000 policy limit

#### 2. BUSINESS AUTOMOBILE LIABILITY

This insurance shall be written in comprehensive form and shall protect the Bidder, Bidder's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall not be less than the following:

Bodily Injury & Property Damage

\$ 500,000 Combined Single Limit

#### **3. COMPREHENSIVE GENERAL LIABILITY**

The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall not be less than the following:

Bodily Injury & Property Damage

\$ 500,000 each occurrence \$1,000,000 aggregate

#### 4. UMBRELLA LIABILITY INSURANCE

This insurance shall protect the Bidder against claims in excess of the limits provided under employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage

\$1,000,000 each occurrence \$1,000,000 general aggregate

#### 5. ADDITIONAL REQUIREMENTS

The City may require insurance covering a Bidder or subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Bidder or subcontractor.

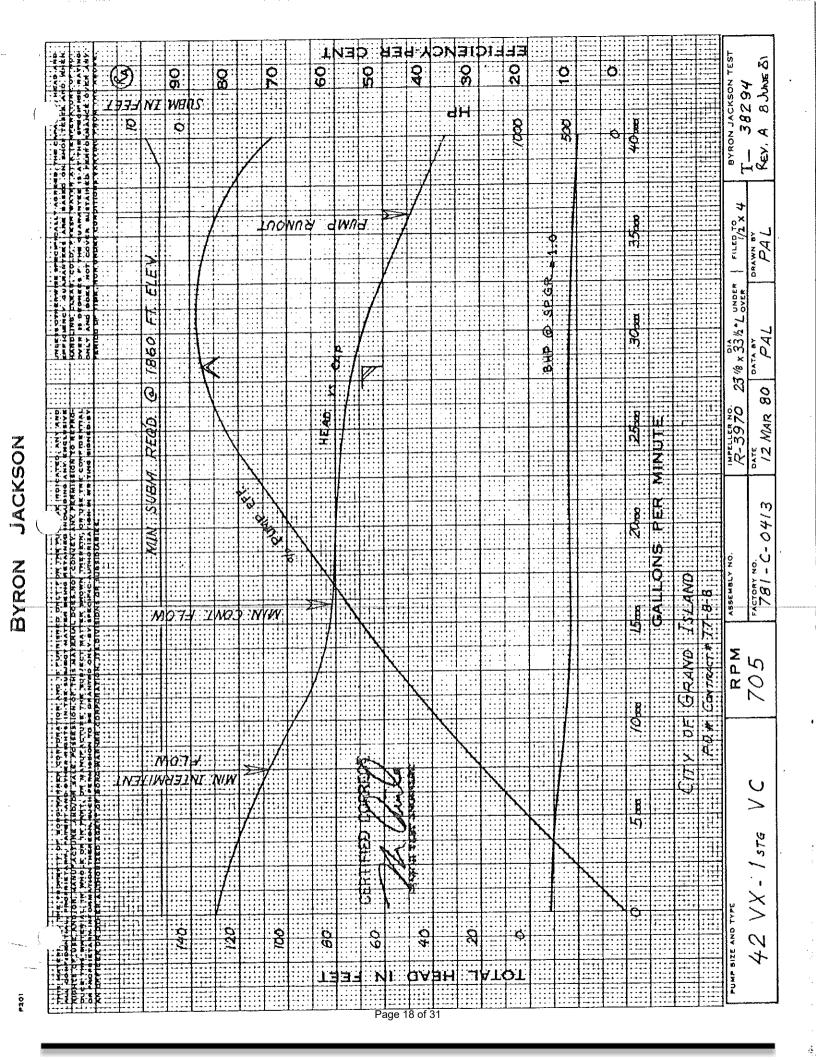
Insurance as herein required shall be maintained in force until the City releases the Bidder of all obligations under the Contract.

The Bidder shall provide and carry any additional insurance as may be required by special provisions of these specifications.

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#### 6. CERTIFICATE OF INSURANCE

Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this Contract. The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the Bidder cannot have the "endeavor to" language stricken, the Bidder may elect to provide a new certificate of insurance every thirty (30) days during the contract. Bidder shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.



Grand Island

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GS-1507

BOLT TORQUING PROCEDURE FOR VERTICAL COMMERCIAL PUMPS

1.0 SCOPE

This procedure specifies the bolt torquing method and torque values to be used for pump assembly.

#### 2.0 APPLICATION

- 2.1 In general this procedure applies to bolting at the following joints: case to case, case to column, column to column, column to discharge head, head to barrel, head to sole plate, foundation bolts, seal flange, stuffing box, drive coupling and any other major bolting.
- 2.2 All external bolting on sub-assemblies or pumps shipped assembled, must be retorqued to specified values before installation.

#### 3.0 THREAD LUBRICANT

Thread lubricant shall be Dag Dispersion No. 156 or equal. (u= 0.15)

<u>WARNING:</u> Specified torque values in this procedure are dependent upon strict adherence to lubrication and cleaning procedures specified herein.

#### 4.0 INSPECTION, CLEANING AND LUBRICATION

- 4.1 All threads shall be examined to insure that there are no incompletely cut threads, burrs, nicks or metallic slivers. Discard or upgrade any bolting which does not pass visual inspection.
- 4.2 Solvent shall be used to clean all mating surfaces of the fasteners to insure foreign matter, grease, corrosion rust, and previous lubricant is removed.
- 4.3 Mix or agitate thread lubricant well before using. Apply a uniform layer of lubricant to all surfaces which experience relative motion including threads, nuts, washers, and flange.

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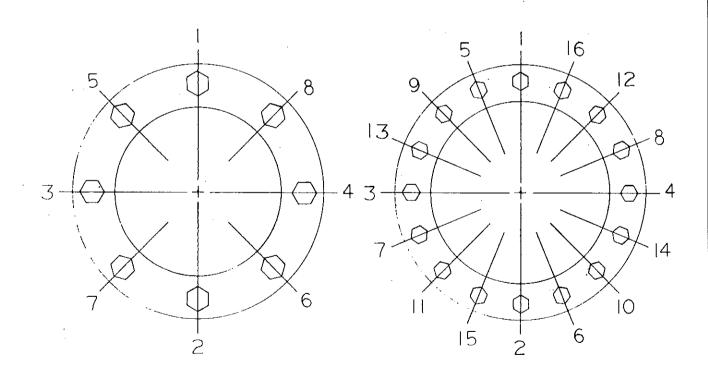
#### 5.0 BOLT TORQUING

- 5.1 Flange mating surfaces shall be thoroughly cleaned. Assemble joint and hand tighten all fasteners to insure uniform metal to metal contact of the flange mating surfaces.
- 5.2 Using the proper size torque wrench (work in 1/4 to 3/4 of wrench scale), pretorque fasteners with an even steady pull to approximately 1/3 of the torque value in the sequence specified in Paragraph 5.3. Repeat sequence increasing torque to approximately 2/3 of the specified value. Finally repeat sequence for the specified torque.

NOTE: Do not use pneumatic impact wrenches.

5.3 Torquing sequence shall be as follows:

Start with any bolt and identify as (1) and location designated as  $0^{\circ}$ . Bolt (2) will be at 180°; bolt (3) at 270° and bolt (4) at 90°. Using counterclockwise rotation, tighten bolt (5), (see examples below) and continue rotation until all bolts have been tightened.



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#### Byron Jackson Pump Division BORG-WARNER CORPORATION

MANUAL NO. GS-1507

TORQUE (FT-LBS) SIZE CATEGORY-II (2)(3)(1)(3)CATEGORY-I 8 3/8-16UNC 16 7/16-14UNC 27 14 40 20 1/2 - 13 UNC9/16-12UNC 60 30 5/8-11UNC 80 40 3/4-10UNC 130 65 7/8-9UNC 210 105 330 115 1-8UNC 260 1-1/8-7UNC 520 240 1 - 1/8 - 8UN470 1-1/4-7UNC 730 370 340 1 - 1/4 - 80670 490 1-3/8-6UNC 970 1-3/8-8UN 910 460 1 - 1/2 - 6UNC1170 590 1 - 1/2 - 801**0**70 540 1-3/4-5UNC 1040 2070 1 - 3/4 - 8UN2000 1000 2-41/2 UNC 3000 1500 2-8UN 2930 1470

#### NOTES:

(1)Based on approximately 40,000 psi prestress.
(2)Based on approximately 20,000 psi prestress.
(3)See Page 4 for typical materials.

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GS-1507

CATEGORY-I:	•
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C(	OMMON	STRENGTH	(KSI)
M NO.	NAME	MIN. YIELD	TENSILE
93 GR. B7	4140	105	125
93 GR. B6	410	85	110
93 GR. B16	410	105	125
93 GR. B5		80	100
25 GR. 1		77	105
54 GR. BB		78	100
49		92	120
53 GR. 651 C1. A		70	100

CATEGORY-II:

CATEGORI-TI.	COMMON	STRENGTH			
ASTM NO.	COMMON NAME	MIN. YIELD	TENSILE		
A-107 GR. 1018	1020	32	58		
A-193 GR. B8 C1. 1	18-8	30	75		
A-307 GR. B			55		
A-320 GR. B8	18-8	30	75		
A-479 GR. 302	302	30	. 75		
A-479 GR. 304	304	30	75		
A-479 GR. 316	316	30	75		
A-479 GR. 410	410	40	65		
B-98 GR CDA-642	Sil. Brz.	35	72		
B-150 GR. CDA-642	Al. Brz.	35	72		
B-164 GR. 400	Monel	.40	80		
			•		

(NOTE: Strength Properties from ASME Sect. VIII and metals handbook).

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Page 4 of 4

Byron Jackson Pump Division BORG WARNER BORG-WARNER CORPORATION

#### 5.4 PUMP DISASSEMBLY

The pump may be disassembled using either of two basic methods. In the procedure outlined below, which is recommended for this pump, the pump assembly (without the driver) is removed from the pit as a unit and placed horizontally on suitable supports for disassembly. An alternative method is to remove the pump from the pit a section at a time, with 1beams or other suitable supports placed across the foundation opening to support the unit during the disassembly process.

Although the disassembly procedure given below describes the horizontal method of disassembly, the basic sequence of operations for vertical disassembly will be essentially the same. However, when disassembling the pump vertically, be sure that the support beams used are secured to prevent them from spreading laterally under the load, and use care when removing the discharge head to avoid tilting and possible bearing damage. Also, note that the top end of the head shaft is threaded to receive a lifting eye bolt.

- 5.4.1 General Disassembly Procedure
  - Follow Stopping Procedure, Paragraph 4.5, and disconnect driver leads from power source.
  - 2. Disconnect any auxiliary piping and wiring that would interfere with disassembly.
  - 3. Disassemble the shaft seal as described in Paragraph 2.2.1.
  - 4. Remove cap screws to disconnect the driver-to-pump coupling.
  - Detach and remove the driver. 5.
  - 6. Remove the adjusting plate (532), pump half coupling (530) and two pump half coupling keys (676-3).
  - 7. Disconnect the main discharge piping at the discharge head (465) output flange.
  - 8. Disconnect the discharge head (465) from the sole plate (429).
  - Using lifting lugs on discharge head, lift the pump assembly from 9. the pit and place the pump assembly horizontally on suitable supports.
    - NOTE: To protect the pump bearings and to ease disassembly, the unit should be placed as level as possible, with all parts including shafts supported adequately at all times.

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PAGE 5-5

- 10. Remove Spirolox ring (334) and gib key (678) and slide shaft sleeve (217) off head shaft (404).
- Disconnect the discharge head (465) from the column (422) and carefully remove the discharge head over the head shaft (404) while providing shaft support at all times to prevent possible damage to the throttle bushing (232).
- 12. If removal of the stuffing box bearing (233) is required, place the discharge head in operating position on wood block supports to disconnect and remove the stuffing box (050) and 0-ring (747-2), then disassemble the bearing from the stuffing box.
- 13. Disconnect the column (422) from the top case (076), support the head shaft (404) as required to protect the column bearing (383), and slide the column about 2 or 3 feet up the head shaft. Then disconnect and remove the shaft coupling parts and carefully remove the head shaft from the column.
- 14. Disassemble the pump bowl assembly as directed in the following paragraph.
- 5.4.2 Disassembly of Pump Bowl Assembly
  - 1. Place the pump bowl assembly to rest in operating position on wood block supports placed under the suction bell (086).
  - 2. Detach top case (076) from impeller case (077) and carefully lift off top case over pump shaft (167).
  - Thread lifting eye bolt into upper end of pump shaft (167) and attach lifting line, then lift pump shaft and attached impeller (176) from the assembled impeller case (077) and suction bell (086).
  - 4. To remove the impeller from the pump shaft (if necessary), remove in sequence the thrust collar cap screws, thrust collar (226), split ring (256-1), impeller and key (676-1). Heating of the impeller should not be necessary.

#### 5.5 CLEANING AND INSPECTION

- 1. Discard all gaskets and O-rings removed during disassembly.
- 2. Discard all used rings of packing.
- 3. Solvent wash and use clean, dry, filtered compressed air to dry all remaining components. Clean, lint free cloths may augment or substitute for the compressed air.

PAGE 5-6

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- 4. When parts are dry, inspect each part for wear, erosion or corrosion. Discard and provide replacements for any parts worn, eroded, corroded or otherwise damaged sufficiently to impair operation.
- 5. Refer to Paragraph 5.5.1 for diametral running clearance specifications. Discard and replace all parts not meeting these specifications. Wear ring clearance can be restored by installing original or oversized wear rings and, if necessary, turning down to size.
- 6. Repeat the cleaning and drying procedure of Step 3 for all original and replacement parts to be reassembled.
- 5.5.1 Diametral Running Clearances

The following diametral running clearances are factory tolerances for a new or rebuilt pump. For maintenance purposes, it is recommended that pump running clearances not be allowed to exceed 150% of the maximum values given.

From	To	Clearance
Pump Shaft (167)	Bottom Bearing (103)	.010015"
Pump Shaft (167)	Top Case Bearing (397)	.010015"
Head Shaft (404)	Column Bearing (383)	.010013"
Head Shaft (404)	Stuffing Box Bearing (233)	.011014"
Wear Ring (202)	Wear Ring (205)	.025029"

5.6 PUMP REASSEMBLY

Assemble the pump bowl assembly, if disassembled, as directed in Paragraph 5.6.1. Complete the pump assembly and installation as described in Paragraph 5.6.2. Torque all nuts and bolts per Torquing Instructions (GS-1507) contained in Section Seven, noting that fasteners for this pump are Category 11.

- 5.6.1 Reassembly of Pump Bowl Assembly
  - 1. Replace any bearings (103, 397) or wear rings (202, 205) that may have been removed, and be sure all retaining screws are securely tightened.
  - 2. Place impeller key (676-1) in its pump shaft (167) groove, slide impeller (176) up onto shaft past split ring groove, place split ring (256-1) in position and slide impeller down to seat against the split ring. Assemble the thrust collar (226) into place and secure to impeller using socket head cap screws with lockwashers.

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- NOTE: Lubrication of the pump shaft is recommended to ease installation of the impeller. When installing impeller on shaft, heating should not be required. However, if impeller is heated, do not exceed 200°F. Use a neutral acetylene flame, heat the impeller evenly from the bore outward, and use a pipe sleeve or dampened cloth to keep the flame away from the shaft.
- 3. If disassembled, reassemble impeller case (077) to suction bell (086) and assemble and torque retaining cap screws, lockwashers and nuts. Place assembled suction bell and impeller case in operating position on wood block supports.
- 4. Using a lifting eye bolt in pump shaft, carefully raise and lower assembled pump shaft and impeller into assembled impeller case and suction bell.
- 5. Lift and carefully install top case (076) over the pump shaft to mate with impeller case (077), then assemble and torque the lock-washers and stud nuts.
- 6. Lift or lay the pump bowl assembly on its side to grease the bottom bearing (103). Remove pipe plug from suction bell bearing housing and install a grease fitting. Using Chevron Moly Grease, Grade 2, or equal, pack the bottom bearing until grease emerges near the thrust collar (226). Then remove the grease fitting and install pipe plug in the suction bell bearing housing.
- 7. Complete the pump assembly as directed in the next paragraph.
- 5.6.2 Reassembly of Pump

The following instructions describe reassembly of the pump in a horizontal position, which is the recommended method for this pump. After assembly, the completed pump (without driver) is lifted vertically for installation as a unit.

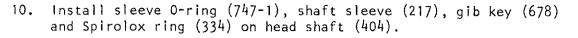
As an alternative assembly method, the pump can be assembled at the foundation a section at a time as installation proceeds, with I-beams or other suitable supports placed across the foundation opening to support the incompleted unit. In this case, the sequence of operations will be essentially the same as for horizontal assembly; however, when assembling the pump vertically, be sure the support beams used are secured laterally to prevent them from spreading under the load. In addition, when installing the discharge head, use care to avoid tilting and possible damage to the stuffing box bearing. (To avoid this possibility, it is recommended that the stuffing box be removed from the discharge head until after the discharge head is installed.) Also, note that the top end of the head shaft is tapped to receive a lifting eye bolt for vertical handling.

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After assembly of the pump bowl assembly (Paragraph 5.6.1), complete the assembly of the pump as follows:

- Place the pump bowl assembly horizontally as level as possible on wood block supports. Position the assembly to allow approximately 30 feet of working floor space beyond the end of the pump shaft.
- 2. If removed, reinstall the column bearing (383) in the column (422). Be sure that the bearing retaining screws are securely tightened.
- 3. Place the column (422) horizontally on wood block supports, correctly aligned with the bowl assembly and about 3 or 4 feet away from the pump top case (076).
- 4. While providing shaft support at all times and using care to avoid damaging the column bearing (383), slide head shaft (404) into the column through the column bearing, then install coupling parts and assemble the head shaft to the pump shaft (167). With the coupling nuts (255) threaded up tightly, remove set screws (795) and drill small holes in the shafts, on screw centerline, large enough for dog point, then replace the set screws and secure tightly.
- 5. While continuing to support the head shaft (404) independently to prevent possible bearing damage, slide the column (422) to mate with the pump top case (076), and install and torque the retaining cap screws, lockwashers and nuts.
- NOTE: The following step may be performed either with or without the stuffing box (050) installed in the discharge head (465).
- 6. Carefully install the discharge head to mate with the column (422), using care to guide the head shaft (404) safely through the stuffing box bearing (233), if it is installed. Assemble and torque the retaining cap screws, lockwashers and nuts.
- 7. Thoroughly clean the top surface of the sole plate (429), removing all dirt, burrs and roughness that could interfere with proper placement of the discharge head.
- 8. Lift and install the pump assembly onto the sole plate (429) and install and fasten the head-to-plate stud nuts.
- 9. If not done previously, install the stuffing box bearing (233) in the stuffing box (050) and secure with cap screws and lockwashers; then install 0-ring (747-2) and stuffing box to the discharge head (465) and secure with stud nuts and lockwashers.

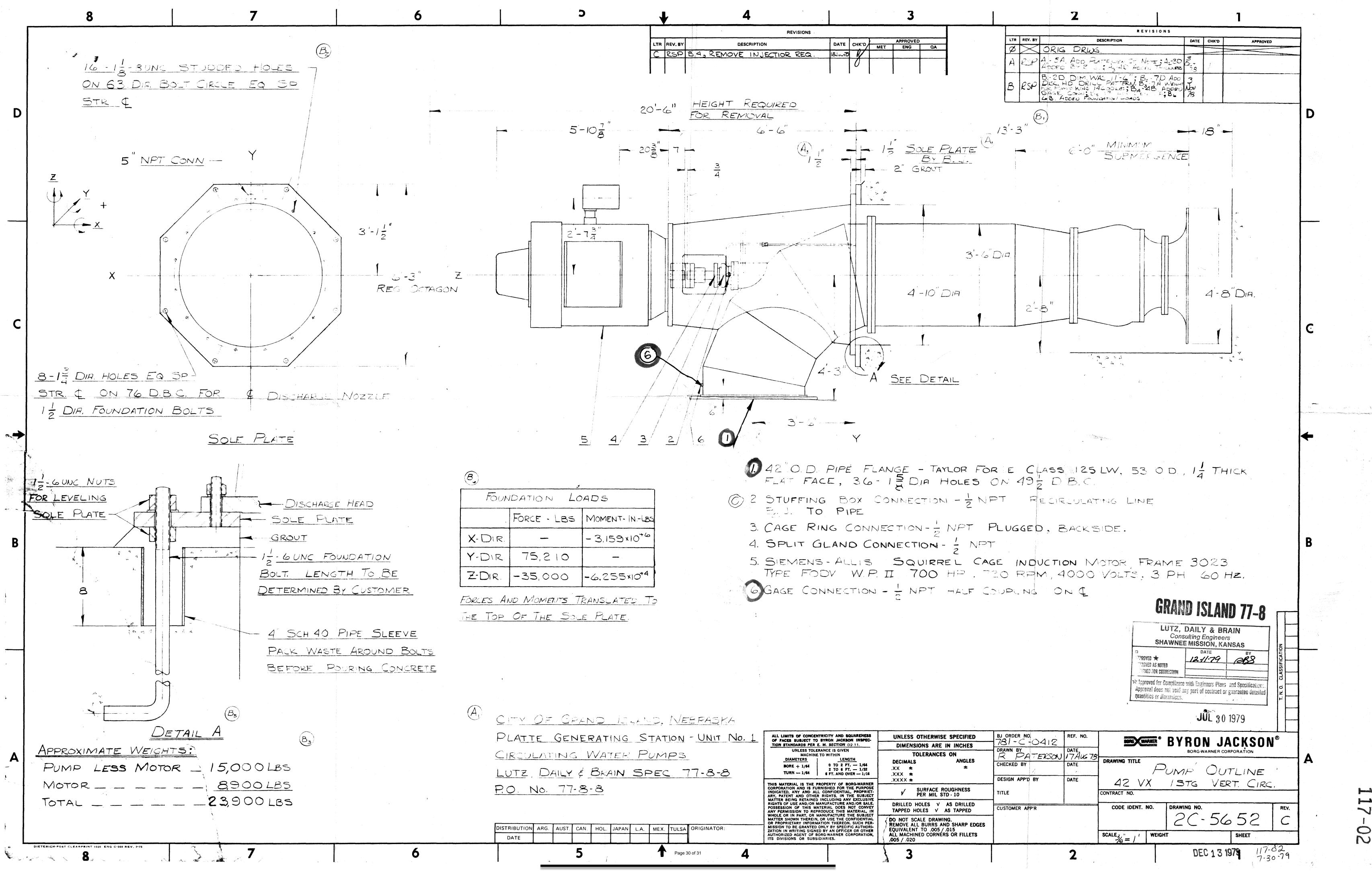
Page 28 of 31



11. Complete the pump installation as directed in the applicable portions of Paragraph 3.9 thru 3.15.

PAGE 5-10

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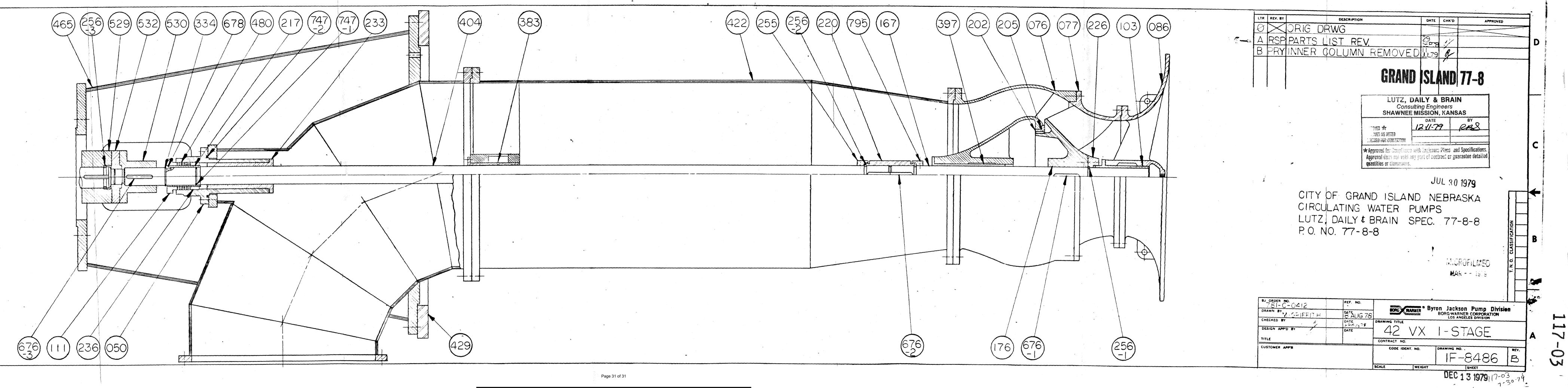
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REF. NO	QTY	DESCRIPTION	MATERIAL
050	. 1	Stuffing Box	ASTM A-48, C1. 30
076	1	Top Case	ASTM A-48, C1. 30
077	1	Impeller Case	ASTM A-48, C1. 30
086	- 1	Suction Bell	ASTM A-48. C1. 30
	1	Bottom Bearing	ASTM B-584, UNS No. C93200
103	1	Split Gland	ASTM B-584, UNS No. C83600
	1	Pump Shaft	ASTM A-276, Type 410 H.T.
167	4 1	-	ASTM B-148, UNS No. C95200
176	i N	Impeller	ASTM B-148, UNS No. C95200
202	1	Wear Ring-Impeller	ASTM B-148, UNS No. C95500
205	1	Wear Ring-Case	ASTM A-296, Gr. CA-15
217	1	Shaft Sleeve	
220	_	Coupling Sleeve	ASTM A-296, Gr. CA-15
226	1	Thrust Collar	ASTM B-584, UNS No. C83600
233	1	Stuffing Box Bearing	ASTM B-584, UNS No. C93200
236	1	Cage Ring	ASTM B-584, UNS No. C93200
255	2	Nut-Coupling Sleeve	ASTM A-336, Gr.F6
256-1	1	Split Ring	ASTM A-276, Type 410 H.T.
256-2	. 2	Split Ring	ASTM A-276, Type 410 H.T.
256-3	1	Split Ring	ASTM A-276, Type 410 H.T.
334	1	Spir-O-Lox Ring	AISI Tp. 302
A 383	1	Column Bearing	ASTM B-584, UNS No. C93200
397	1	Top Case Bearing	ASTM B-584, UNS No. C93200
404	· · · 1	Head Shaft	ASTM A-276, Type 410 H.T.
422	1	Column-Outer	ASTM A-516, Gr. 60
429	1	Sole Plate	ASTM A-283, Gr. C
465	1	Discharge Head	ASTM A-516, Gr. 60
480	4	Packing Ring	J.C. 100M
1529	1	Coupling-Drive Half	ASTM A-576, UNS No. G10180 P
A 530	1	Coupling-Pump Half	ASTM A-576, UNS No. G10180 P
532	1	Adjusting Plate	ASTM A-576, UNS No. G10180 P
676-1	1	Key-Impeller	ASTM A-582, Type 416 H.T.
	4	Key-Shaft Coupling	ASTM A-582, Type 416 H.T.
676-2	2	Key-Pump Half Coupling	ASTM A-582, Type 416 H.T.
676-3	1		ASTM A-581, Type 416 H.T.
678	L	Gib Key	Nitrile Buna-N
747-1	1	"O" Ring-Packing Sleeve	Nitrile Buna-N
747-2	1	"O" Ring- Stuffing Box	
в 795	. 2	Set Screw-Coupling Nut	18-8 S.S.
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Council Session - 9/8/2020

#### CONTRACT AGREEMENT

THIS AGREEMENT made and entered into by and between **JCI Industries**, **Inc.**, hereinafter called the Contractor, and the **CITY OF GRAND ISLAND**, **NEBRASKA**, hereinafter called the City.

WITNESSETH:

THAT, WHEREAS, in accordance with law, the City has caused contract documents to be prepared and an advertisement calling for bids to be published for *CIRCULATING WATER PUMP 1B REPAIR*, and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the aforesaid Contractor to be the lowest responsive and responsible bidder, and has duly awarded to said Contractor a contract therefore, for the sum or sums named in the Contractor's bid, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties have agreed and hereby agree, the City for itself and its successors, and the Contractor for itself, himself/herself, or themselves, and its, his/her, or their successors, as follows:

<u>ARTICLE I</u>. That the following documents shall comprise the Contract, and shall together be referred to as the "Agreement" or the "Contract Documents";

- 1. This Contract Agreement.
- 2. City of Grand Island's Specification for this project.
- 3. JCI Industries, Inc.'s bid signed and dated August 27, 2020.

In the event of any conflict between the terms of the Contract Documents, the provisions of the document first listed shall prevail.

<u>ARTICLE II</u>. That the Contractor shall (a) furnish all tools, equipment, superintendence, transportation, and other construction materials, services and facilities; (b) furnish, as agent for the City, all materials, supplies and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good substantial and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the Contract documents as listed in the attached General Specifications, said documents forming the Contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the City's official award of this Contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid;

<u>ARTICLE III</u>. That the City shall pay to the Contractor for the performance of the work embraced in this Contract and the Contractor will accept as full compensation therefore the sum (subject to adjustment as provided by the Contract) of **Forty-Four Thousand Eight Hundred Eighty and no/100 Dollars (\$44,880.00)** for all services, materials, and work covered by and included in the Contract award and designated in the foregoing Article II; payments thereof to be made in cash or its equivalent in the manner provided in the General Specifications. The total cost of the Contract includes:

Base Bid: Materials			\$	6,400.00	
Labor					38,000.00
Sales Tax	48	<u>30.00</u>			
Total	\$	44,880.00	)		

Contractor Tax Option 1

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

<u>ARTICLE IV</u>. The Contractor hereby agrees to act as agent for the City in purchasing materials and supplies for the City for this project. The City shall be obligated to the vendor of the materials and supplies for the purchase price, but the Contractor shall handle all payments hereunder on behalf of the City. The vendor shall make demand or claim for payment of the purchase price from the City by submitting an invoice to the Contractor. Title to all materials and supplies purchased hereunder shall vest in the City directly from the vendor. Regardless of the method of payment, title shall vest immediately in the City. The Contractor shall not acquire title to any materials and supplies incorporated into the project. All invoices shall bear the Contractor's name as agent for the City. This paragraph will apply only to these materials and supplies actually incorporated into and becoming a part of the finished product of the CIRCULATING WATER PUMP 1B REPAIR.

<u>ARTICLE V</u>. That the Contractor shall start work as soon as possible after the Contract is signed and the required bonds and insurance are approved, and that the Contractor shall deliver the equipment, tools, supplies, and materials F.O.B. Platte Generating Station, and complete the work on or before *November 7, 2020*.

<u>ARTICLE VI</u>. The Contractor agrees to comply with all applicable State fair labor standards in the execution of this Contract as required by Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. During the performance of this Contract, the Contractor and all subcontractors agree not to discriminate in hiring or any other employment practice on the basis, of race, color, religion, sex, national origin, age or disability. The Contractor agrees to comply with all applicable Local, State and Federal rules and regulations. The Contractor agrees to maintain a drug-free workplace policy and will provide a copy of the policy to the City upon request. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

<u>ARTICLE VII.</u> Gratuities and kickbacks: City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding

or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

#### JCI INDUSTRIES, INC.

Ву	Date
Title	
CITY OF GRAND ISLAND, NEBRASKA	
By Mayor	Date
Attest:City Clerk	
The Contract is in due form according to law and h	nereby approved.
Attorney for the City	Date

#### RESOLUTION 2020-210

WHEREAS, the City of Grand Island invited sealed bids for Circulating Water Pump 1B Repairs at Platte Generating Station, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on August 27, 2020, bids were received, opened and reviewed; and

WHEREAS, JIC Industries, Inc., of Lee's Summit, Missouri, submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, such bid being in the amount of \$44,880.00; and

WHEREAS, the bid of JCI Industries, Inc., is less than the estimate for Circulating Water Pump 1B Repairs at Platte Generating Station.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of JCI Industries, Inc., in the amount of \$44,880.00, for Circulating Water Pump 1B Repairs, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, September 8, 2020.

Mike Paulick, Council President

Attest:

Aaron Schmid, Actin City Clerk

Approved as to Form	¤	_
October 23, 2020	¤ City Attorney	