



7th May, 2021

JPS Request for Proposal # 881568 – ST14 Major Overhaul Components (Bogue Power Station)

Dear Vendors

Only Electronic submissions will be accepted, using ShareFile by Citrix. All uploads will be confidential. Additional information on this software can be accessed by clicking the links below:

- Basic Client Guide <https://citrix.sharefile.com/share/view/s1bff52f8d434781a>
- Training (video) <https://www.sharefile.com/support/training>

RFP 881568 Activities are guided by the dates stated in the Calendar of Events highlighted in Section 4 of this RFP. Observing these dates,

- 1) Section 2.1 provides Instructions to submit questions via email only
- 2) A combined response to questions will be posted on the JPS website only
- 3) Respondents must confirm their intention to bid in order to be setup in JPS ShareFile folder
- 4) Access to individual vendor folders will be given at least 5 days before the bid closes to eliminate any issues for bid upload by RFP deadline.
- 5) Files must be accurately labelled/named. Financial Information must be a separate file from your Technical Proposal.
- 6) ShareFile Access will be removed when the bid closes.

DIRECTORS:

BOK HOA JEONG (CHAIRMAN)

NADANI CHUNG

MINNA ISRAEL

HON. CHARLES JOHNSTON

DONG UK KIM

MOHAMED MAJEED

DENNIS MORGAN

SHOGO OTANI

HON. DANVILLE WALKER, O.J., J.P.

**JAMAICA PUBLIC SERVICE
COMPANY LIMITED**

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Bids will not be accepted via email.

Regards

JPS Purchasing Dept.



Jamaica Public Service Company Limited
Request for Proposal (RFP) 881568

The Supply of Components for Nuovo Pignone
Steam Turbine Unit (ST14)
at
Bogue Power Station

1.1 INTRODUCTION

The Jamaica Public Service Company Limited, hereafter referred to as JPS, seeks quotes from manufacturers or authorized manufacturer's representatives/distributors to supply the company with components to conduct a Major Overhaul of its Nuovo Pignone Steam Turbine (ST14) serial number VO1448 located at Bogue Power Station.

1.2 BACKGROUND

Jamaica Public Service Company Limited (JPS) is an integrated electric utility company engaged in the generation, transmission and distribution of electricity throughout the island of Jamaica. JPS owns and operates 28 generating units and also purchases power from seven independent power producers (IPP). JPS assets include conventional thermal plants (611.5 MW), hydro and wind (32.5 MW), 50 substations, approximately 1200 km of transmission lines and 20,534 km of distribution lines.

The common shares of JPS are held 40% by Marubeni Corporation through its subsidiary Marubeni Caribbean Power Holdings ("MCPH"); 40% by Korea East West Power Company ("KEWP"); 19.9% by the Government of Jamaica ("GOJ") and the remaining 0.1% by a group of minority shareholders.

Along with the provision of electricity, the JPS is a key partner in national development. The Company has a vibrant corporate social responsibility portfolio and makes significant contributions in the areas of education, sports, and community development. The Company also has a strong environmental focus and carries out its operations in an environmentally friendly manner.

JPS has the following status with Jamaica Customs – **Authorized Economic Operator** (AEO). It is an internationally recognized quality mark which indicates that the JPS supply chain is secure, and that the JPS customs' procedures and policies are compliant. With this designation, JPS Warehouse and Procurement Teams are subject to audit and monitoring by Jamaica Customs.

The Office of Utilities Regulation (OUR) has regulatory authority over JPS' operations.

Geography of Jamaica

Jamaica lies 145 kilometers south of Cuba and 160 kilometers west of Haiti. Its capital city, Kingston, is about 920 kilometers southeast of Miami. At its greatest extent, Jamaica is 235 kilometers long, and it varies between 35 and 82 kilometers wide, with an area of 10,911 square kilometers.

The highest area is that of the Blue Mountains. The crest of the ridge exceeds 1,800 meters. The highest point is Blue Mountain Peak at 2,256 meters.

Two types of climate are found on Jamaica. An upland tropical climate prevails on the windward side of the mountains, whereas a semiarid climate predominates on the

leeward side. Warm trade winds from the east and northeast bring rainfall throughout the year. The rainfall is heaviest from May to October, with peaks in those two months. The average rainfall is 196 centimeters per year.

Temperatures are fairly constant throughout the year, averaging 25 °C to 32 °C in the lowlands and 15 °C to 22 °C at higher elevations. Temperatures may dip to below 10 °C at the peaks of the Blue Mountains.

Jamaica lies at the edge of the hurricane track; as a result, the island usually experiences indirect storm damage. Hurricanes occasionally strike the island with full force, including winds speeds up to 240 km/hr.

1.3 OBJECTIVE

Procurement of all the Major Overhaul components (listed in the Appendix) for the Nuovo Pignone Steam Turbine. These components shall be delivered to the Bogue Power Station by November 30, 2021.

Unit Information

Description	Data
Manufacturer	Nuovo Pignone in Florence, Italy
Type	HNK 50/3.2M ²
Serial Number	VO1448
Rating	44.224 MW (ISO)
Speed	3,000 rpm
Year Commercial	2003
Main Steam	1,030 psig / 995 °F
Stop Valve Pressure	960.7 PSIG
Stop Valve Temperature	971 °F
Injection Steam Pressure	82.3 PSIG
Injection Steam Temperature	447.8 °F
Exhaust Pressure	1.508 PSIG

1.4 Definitions

"Bidder", "Bidder", "Vendor" or "Contractor" shall mean JPS' qualified service provider acting in the role of the prime contractor who responds to this RFP.

"Bid/ Proposal" shall mean the Bidder's formal written response indicating committed price.

All references to JPS or Company shall mean the Jamaica Public Service Company Limited.

"Services" means services ancillary to the research data gathering and submission

"Approved" means approved by the JPS or its delegated representatives.

"Delivery" means completion of the research findings and the requisite recommendations submitted

"Days" means calendar days according to the Gregorian calendar.

"The Contract" means the final agreement entered into between the JPS and the Contractor signed by the parties, including any attachments, addenda, and appendices thereto and all documents incorporated by reference therein.

"The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations.

2.0 GENERAL INSTRUCTIONS TO BIDDERS

The Bidder is expected to examine all instructions, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.

2.1 Points of Contact

All communications and questions with JPS regarding this RFP must be directed to the following Points of Contact (POC) via email:

Name: Ann-Marie Woodham aaiken@jpsco.com
CC: Charmaine Shaw cshaw@jpsco.com

Email subject:
JPS RFP 881568 – ST14 Major Overhaul Components (Bogue Power Station)

2.2 Communication Regarding the RFP

Unauthorized communications concerning this RFP with other Company employees, executives or contractors may result in **immediate disqualification**.

All communication and questions should be submitted in writing, electronically to the POC. In order to ensure consistency in the information provided to Bidders, responses to questions received will be communicated to all participants, without revealing the source of the inquiries.

Only written responses will be considered official and binding. JPS reserves the right, at its sole discretion, to determine appropriate and adequate responses to questions and requests for clarification.

If for some reason, the Bidder cannot supply all materials electronically, hard copies will be accepted.

A Bidder contact should be provided for all questions and clarifications arising from the Proposal Queries should include:

- a) Company's name, company address and phone number, contact person, email address, position.
- b) References to specific points within this RFP using the Section number as reference
- c) Clear and concise questions

2.3 Period of Validity of Bids

Bids shall remain valid for ***ninety (90) days*** after submission. A bid valid for a shorter period may be rejected by the Company as non-responsive. In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and responses thereto shall be made in writing.

2.4 RFP Amendment and Cancellation

At any time prior to the deadline for the submission of bids, the Company may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding documents by amendment.

The amendment will be done in writing to all prospective Bidders who have received the Bidding Documents.

In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the Company may, at its discretion, extend the deadline for the submission of Bids.

JPS reserves the unilateral right to cancel or reissue the RFP at its sole discretion. Bidders will respond to the final written RFP and any exhibits, attachments and amendments.

2.5 Bid Withdrawal

A Bidder may withdraw a submitted bid at any time up to the deadline for submitting bids. To withdraw a bid, the Bidder must submit a written request electronically, or

via fax, signed by an authorized representative, to JPS before the deadline for submitting bids. After withdrawing a previously submitted bid, the Bidder may submit another bid at any time up to the deadline for submitting bids.

2.6 Confidentiality of Data

The Bidder should recognize that JPS operates in a sensitive business environment and, for that reason the Bidder must treat the materials and data provided by JPS as confidential. The successful Bidder may be required to agree to and execute the Confidentiality agreement.

2.7 Written Clarification

JPS reserves the right, at its sole discretion, to request clarifications of any Proposal or to conduct discussions for the purpose of clarification with any or all vendors. The purpose of any such discussions will be to ensure full understanding of the proposal. Discussions will be limited to specific sections of the proposal identified by JPS and, if held, will be after initial evaluation of the Proposal. If clarifications are made as a result of such discussion, the vendor will submit such clarifications electronically. Refusal to respond to JPS's request for clarifications may be considered non-responsive and be used as grounds for rejection of the Proposal.

3.0 BID FORMAT Preparation of Proposal

The bid shall be prepared in two (2) parts, technical and financial. The technical part should not contain any pricing information. The financial proposal shall be separate and contain price information and business profile. The uploaded proposals must include below:

A. Financial proposal and Business Profile

- 1) Bidders are required to submit their audited financial statements for the past 2 years with their Proposal in order to enable JPS to establish financial stability.
- 2) Financial Proposal:
 - a. Appendix II - Response Template must be completed by Bidder. All prices must be in English Language
 - b. Completed MS Excel Spreadsheet.

B. Technical Information

- 1) Appendix 1 – General Information :
Reference is made to Appendix I – General Information:
 - Executive Summary indicating why your firm should be chosen to provide the petroleum products for JPS fleet.
 - Evidence of establishment, type of organization, size, professional affiliate
- 2) Itemize and label files with material specification for each component.

3.1 Bid Prices

Prices quoted by the Bidder and further negotiated and agreed between the bidder and JPS shall be fixed during the Bidder's performance of the Contract and not subject to variations on any account. Prices should be quoted in **United States Dollars**.

3.2 Cost of Proposal Preparation

The Bidder shall bear all costs associated with the preparation and submission of its bid, and the JPS will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

4.0 SUBMISSION OF BIDS AND SELECTION CRITERIA

4.1 Bid Response

All responses must be in English Language. All responses must be uploaded to the Sharefile Folder in two (2) sections: Technical Specifications and Financial & Business Profile. The deadline for submission of bids is **11:59pm on Thursday June 10, 2021**.

RFP CALENDAR		
ACTIVITY	DUE DATE	RESPONSIBILITY
RFP date	May 10, 2021	JPS
Bidder submits questions on RFP	May 14, 2021	Bidder
Final date to respond to all queries	May 18, 2021	JPS
Bidder confirms intention to bid*	May 18, 2021	Bidder
Confirmed Bidder given Shared file access to upload bid	May 20, 2021	Bidder
Completion of RFP and deadline for submission of bids to JPS	11:59pm June 10, 2021	Bidder
Closed Bid Opening	June 11, 2021	JPS

*N.B. All Bidders are required to also indicate if they decline to bid and provide a reason for same before the RFP closing date. Emails are to be sent to the RFP points of contact.

The Company may, at its discretion, extend this deadline for the submission of bids, in which case all rights and obligations of the Company and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

Observing the deadline of the RFP, responses should be submitted electronically with appropriately file labels/names, and information required in Appendices. MS Excel, Adobe Pdf and Power Point file formats are acceptable. Proposal must be signed by an official authorized personnel who can bind the contractor to the provision of the RFP.

Any bid uploaded after the deadline for submission of bids prescribed by JPS will be rejected. Any proposal received that does not meet the requirements of this RFP may be considered to be non-responsive, and the proposal may be rejected.

The JPS will open bids privately. See calendar for date.

4.2 Late Bids

Any bid received by the Company after the deadline for submission of bids prescribed by the Company, pursuant to **Section 4.1**, will be rejected and/or returned unopened to the Bidder. JPS assumes no responsibility for delays caused by any internet provider or system malfunction.

4.3 Submittal Requirement

The bidder shall submit their proposals via the designated File Transfer Program (FTP) site, that is JPS Sharefile. The procuring entity is utilizing a FTP site to facilitate the bidding process. There are no license costs or usage fees to the bidding firm's for the use of the FTP site.

This will not be a reverse auction; instead this platform will simply provide the means to communicate your proposals to the procuring entity. The website address of the FTP will be shared with this RFP. Bidders are to upload files in responding to this request for proposal. Failure to do so may result in disqualification.

It is the responsibility of the bidding entity to ensure that their proposal is received by Procuring Entity (that is, uploaded to the FTP platform) by the due date and time. Any proposal received after the stated date and time may be rejected.

The bidding entities designated contact will be sent an email with detailed instructions on how to access the FTP site, including login credentials. This will provide access to an individual folder in which the proposal package can be uploaded.

4.4 Proposal Signing

All proposals must be signed by an official agent or representative of the company submitting the proposal.

4.5 Proposal Rejection

Bids received after the deadline for submission of bids will be rejected. Any bid received that does not meet the requirements of this RFP may be considered to be non-responsive, and the bid may be rejected. Bidders must comply with all of the terms

of this RFP. JPS may reject any bid as being non-responsive that does not comply with the terms, conditions, and characteristics of this RFP or the key criteria for selection.

4.6 Right of Rejection

JPS reserves the right, at its sole discretion, to reject any and all bids or to cancel this RFP in its entirety.

JPS reserves the right to reject any and all proposal(s) at its sole and absolute discretion. Submission of a proposal constitutes acknowledgement that the Bidder has read and agrees to be bound by such terms and conditions as outlined in the Bid document.

JPS reserves the right to hold discussions/negotiations with OEM directly in arriving at final product specifications, warranty, pricing and delivery. This will not stop finalizing proposal directly with 3rd parties or OEM distributors.

5.0 SELECTION PROCESS AND EVALUATION CRITERIA

A selection committee consisting of JPS staff members will evaluate all responses. Based on the preliminary evaluation of the responses, we reserve the right to short list respondents.

Selection will be based on the contractor’s responsiveness to the RFP and total price quoted (including recurring costs).

5.1 Determination of Responsive Bids

The company will examine the bids to ensure conformance to all the instructions listed in the Instructions to Bidders.

Omission of any of the requisite documentation may result in the bid being declared non-responsive and therefore rejected.

TECHNICAL CRITERIA	Result
Technical Proposal	Pass or Fail

COMMERCIAL CRITERIA	Score (%)
Cost of Parts	90
Payment Terms	10

5.2 JPS Bid Evaluation Discretion

JPS at its discretion may:

- Select a bid other than the lowest priced if JPS determines, at its sole and absolute discretion, that JPS' interests will best be served by doing so;
- Withhold any information used in conducting the evaluation;
- Reject any or all bids and enter into negotiations with other third party non-bidders, or any Bidder or Bidders that JPS may choose;
- Seek clarification from any Bidder regarding bid information and may do so without notification to any other Bidder;
- Continue the review procedure until a Bidder is selected successfully or until JPS chooses to reject all bids;
- Accept any bid or alternate as submitted without negotiations;
- Require revisions to, corrections of, or other changes to any bid submitted as a condition to its being given any further consideration;
- Select for negotiations only the overall best bids or alternate submitted, as determined by JPS;
- Truncate negotiations with a Bidder if JPS determines that progress towards a contract is not proceeding in a reasonable manner or at a reasonable pace;
- Open negotiations with additional Bidders or non-bidders.

5.3 Bid Discrepancies

Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between words and figures, the amount in words shall prevail.

If the contractor does not accept the correction of errors, its bid shall be rejected.

The Company may waive any minor informality or non-conformity or irregularity in a Bid, which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

5.4 Right to Negotiate

Upon evaluation of the submitted bids, JPS reserves the right to enter into negotiations with one or more Bidders (not necessarily the Bidder with the lowest deliverable price submission) that appear to have submitted a bid that meets the needs and requirements of JPS. Negotiations could include, but are not limited to, price and the terms and conditions of this RFP. However, issues may arise that JPS may not

negotiate due to policies or strategies, and an impasse could arise. If, for any reason, a Bidder and JPS cannot arrive at a mutual agreement that would result in the issuance of a contract, JPS reserves the right to terminate negotiations, to reject the bid, and to continue negotiations with other responsive Bidders that may lead to the issuance and award of a contract.

5.5 Written Clarification

JPS reserves the right, at its sole discretion, to request clarifications of bids or to conduct discussions for the purpose of clarification with any or all Bidders. The purpose of any such discussions will be to ensure full understanding of the bid proposal. Discussions will be limited to specific sections of the bid identified by JPS and, if held, will be after initial evaluation of the bids. If clarifications are made as a result of such discussion, the Bidder will submit such clarifications electronically. Refusal to respond to JPS' request for clarifications may be considered non-responsive and be used as grounds for rejection of the bid.

5.6 Contract Award

The award will be based on the proposal that is most responsive to the requirement of JPS and that which will offer the greatest value for JPS.

Issuance of this Bid does not constitute a commitment by JPS to award any contract or to perform the research services as per the Offer made in response to this RFP.

JPS reserves the right to invite any or all Bidders to make an in-person presentation.

The Contract shall be interpreted in accordance with the laws of the Purchaser's country.

6.0 Bidder Qualifications and Requirements:

Your quote should include, but not limited to:

a) Manufacturers' lead time

b) Terms of payment. JPS standard terms of payment is Invoice - Net 90 days

c) Warranty Terms

The Bidder warrants that the goods supplied under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Bidder further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Bidder, that may develop under normal use of the supplied Goods in the conditions obtaining in the country of final destination. This warranty shall remain valid for a minimum of twelve (12) months after the Goods, or any portion thereof as the case may be, have

been delivered (and commissioned) to the final destination indicated in the Contract.

The Purchaser shall promptly notify the Bidder in writing of any claims arising under this warranty. Upon receipt of such notice, the Bidder shall, depending on which of the methods can be achieved more expeditiously with reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser and under the terms and conditions as if the replacement Goods or parts were being delivered to the Company for the first time.

If the Bidder, having been notified, fails to remedy the defect(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Bidder's risk and expense without prejudice to any other rights which the Purchaser may have against the Bidder

d) Specification: Notwithstanding the attached information. All drawings and technical literature detailing the description of the product being offered **must** accompany the Bid (MSDS etc.).

e) Incoterms should be clearly stated and at a minimum include FCA Miami Florida for tangible goods originating in USA.

7.0 GENERAL CONDITIONS OF CONTRACT

7.1 Proprietary Content

JPS understands that certain elements of the Bidder's proposal may contain information, including pricing, that is competitively sensitive. JPS acknowledges that all information furnished in the proposals will be for the exclusive use of JPS, in evaluating and selecting a Contractor for the supply of goods and services all parties will respect the sensitive nature of that information in accordance with sound commercial practices.

7.2 Prices

Prices listed by the Bidder of the service to be provided under the Contract shall not, with the exception of any price adjustments authorized, negotiated and agreed on by Contractor and JPS, vary from the prices quoted by the Contractor in its bid.

7.3 Terms of Payment

The JPS shall pay the Contractor for the services within ninety (90) days of receipt of the Contractor's undisputed invoice.

7.4 Contract Amendments

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the duly authorized agents of both parties.

7.5 Subcontract

The Contractor shall notify JPS in writing of all subcontracts awarded under the Contract if not already specified in his bid. Such notification, in his original bid or later, shall not relieve the contractor from any liability or obligation under the Contract with the JPS.

If the bidder submitting a proposal must outsource or contract any work to meet the requirements contained herein, this must be clearly stated in the proposal. Additionally, all costs included in proposals must be all-inclusive to include any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organizations or persons being contracted.

7.6 Delays in the Contractor's Performance

If at any time during the performance of the Contract, the Contractor or its subcontractor(s) should encounter conditions impeding timely performance of the services, the Contractor shall promptly notify the JPS in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Contractor's notice, the JPS shall evaluate the situation and may at its discretion extend the Contractor's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract, or terminate the Contract in accordance with the provision of clause

7.8

7.7 Penalties

Failure to submit the Deliverables to the Company within the timelines specified will result in the Contractor being liable to the company payments of sums equivalent to ten percent (10%) of the value of compensation and or liquidated damages payable by the Company in respect of such Deliverable.

7.8 Termination

The JPS may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Contractor, terminate the Contract in whole or in part:

(a) If the Contractor fails to perform any other obligation(s) under the Contract.

(b) The JPS may by written notice sent to the Contractor, terminate the Contract, in whole or in part, at any time for its convenience by giving seven (7) working days' notice. The notice of termination shall specify that termination is for the JPS's convenience, the extent to which performance of

work under the Contract is terminated, and the date upon which such termination becomes effective.

7.9 Force Majeure

The Contractor shall not be liable for liquidated damages or termination for default, if and to the extent that, the delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For the purposes of this clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the JPS either in its sovereign or contractual capacity, wars or revolutions, fires, floods, hurricanes, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Contractor shall promptly notify the JPS in writing of such condition and the cause thereof. Unless otherwise directed by the JPS in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

Appendix I
REQUEST FOR PROPOSAL (RFP)

GENERAL INFORMATION

Name of Organization: _____

Address: _____

Key Contact: _____

Title: _____

Telephone Numbers: _____

Email Address: _____

Business Profile

Please submit the requested information below:

- Directors names and profiles
- Company references
- Complete set of audited financial statements for the last two (2) years
- Average employee tenure
- Staff turnover ratio
- Names of top 5 executives, their tenure, experience, qualifications etc.
- 3 top achievement of the company in the last 5 years
- Companies must state 5 reasons for JPS to Consider Partnering/Selecting them (your company) for this RFP
- Organizational structure for the top five levels in your organization.
- Please provide a short profile such as name, title, experience and education level for the personnel at the top five levels within the organization
- How long has your company been in business?
- How many people do you employ?
- Does your company currently have a Risk Management or Business Continuity Programme in place? If yes, please provide details of the programme you have in place
- Dunn & Bradstreet Reference Number
- Three (3) Customer references (for similar purchases)

Appendix II

Response Template

All bids must be completed on the Excel Spreadsheet that was provided.

Name of Bidder: _____

Signature of Bidder: _____

Delivery

✓ Country of export: _____

✓ Incoterms for supply: _____

Payment Terms

Purchaser's preference: Net 90 days

Bidder's proposal: Net _____ days of invoice date

Price Schedule in US Dollars

Each Bidder is required to complete the MSEXcel sheet which details the parts required. This is itemized by section.

The following page lists each section, and each Bidder is required to enter the section subtotals in the respective rows.

Components	Total (USD)
Casing Turbine Assembly	
Front Oil Seal Ring	
Rear Oil Seal Ring	
Barring Gear Oil Seal Ring	
Earthing Brush Unit	
Outer Front Support	
Outer Casing Turbine	
Rear Exhaust Casing	
High Pressure Control Valves	
H.P. Hydraulic Cylinder with Servo Cylinder	
Hydraulic Cylinder	
Servo Cylinder for H.P. Control Valve	
Emergency Stop Valve H.P.	
Emergency Stop Valve H.P. Hydraulic Cylinder	
Rear Journal Bearing	
Rotor	
High Pressure Inner Casing (1)	
High Pressure Inner Casing (2)	
Guide Blade Carrier Ring	
H.P. Guide Blade Carrier (1)	
H.P. Guide Blade Carrier (2)	
H.P. Guide Blade Carrier (3)	
H.P. Guide Blade Carrier (4)	
H.P. Guide Blade Carrier (5)	
H.P. Guide Blade Carrier (6)	
H.P. Guide Blade Carrier (7)	
3 rd Stage L.P. Guide Vane Carrier	
4 th Stage L.P. Guide Vane Carrier	
Rear Steam Seal	
Compensating Steam Seal Ring	
Coupling Protection	
Injection Emergency Stop Valve	
Injection Stop Valve Hydraulic Cylinder	
Total	

END OF DOCUMENT

**JPS REQUEST FOR PROPOSAL # 881568
ANSWER SHEET**

COMPANY: _____

DATE: _____

Item No.	Description	Nuovo Pignone Part Number	Quantity	Unit Price (USD)	Total (USD)	Warranty (days)	Lead Time (Days)	Unit of Measurement
	CASING TURBINE ASSEMBLY							
1	GASKET	KFZ327560604	1					each
2	FILTER CARTRIDGE	RFO02469	1					each
3	SCREW	HCK08020	8					each
4	PLATE	SLR82631	2					each
5	SET OF SHIMS	SLR82634	4					set
6	SCREW	HCK08020	16					each
7	PLATE	SLR82635	2					each
8	SCREW	GJE10055	6					each
9	SET OF SHIMS	SLR82628	2					each
10	SCREW	HCK08025	4					each
11	WASHER	FNJ34105	4					each
12	SCREW	GJE10030	4					each
13	SHIM	SLR34311	1					each
14	ECCENTRIC GUIDE	SLO0499701	1					each
15	PLATE	SLR82620	4					each
16	PLATE	SLR82649	4					each
17	SCREW	GJE36080	48					each
18	GASKET (MT.)	MAV200132	2					each
19	SCREW	GJE30080	10					each
20	WIRE	BKA108006400	1					each
21	GASKET (MT.)	MAV200132	2					each
22	GASKET	KFZ341770604	2					each
	FRONT OIL SEAL RING							
23	FRONT OIL SEAL RING	SLO2553019	1					each
24	SEAL	SLS32505	3					each
25	SEAL	SLS32506	3					each
	REAR OIL SEAL RING							
26	SEAL	SLS32503	3					each

**JPS REQUEST FOR PROPOSAL # 881568
ANSWER SHEET**

COMPANY: _____

DATE: _____

Item No.	Description	Nuovo Pignone Part Number	Quantity	Unit Price (USD)	Total (USD)	Warranty (days)	Lead Time (Days)	Unit of Measurement
	BARRING GEAR OIL SEAL RING							
27	OIL RETAINER RING	SLS32605	2					each
	EARTHING BRUSH UNIT							
28	GASKET	KFZ316210604	1					each
	OUTER FRONT SUPPORT							
29	GASKET	KFZ334110603	1					each
30	GASKET	KFZ341880604	1					each
	OUTER CASING TURBINE							
31	STUD BOLT	SLO803314902	1					each
32	NUT	RDQ03240	1					each
33	STUD BOLT	SLO803325102	3					each
34	TIE ROD	SLQ80273	3					each
35	NUT	RDQ03242	1					each
	REAR EXHAUST CASING							
36	STUD BOLT	SLO800972702	1					each
37	SCREW	GJE240600450	2					each
38	WASHER	FNJ01170	22					each
39	WASHER	FNC01130	2					each
40	NUT	FFF14012	2					each
41	SCREW	GJE16040	4					each
	HIGH PRESSURE CONTROL VALVES							
42	PLUG	SLR5020786	1					each
43	PLUG	SLR5020863	1					each
44	NUT	SLQ44365	4					each
45	VALVE STEM	SLR81732	1					each
46	BUSH	SLQ35997	2					each
47	BUSH	SLQ35995	2					each
48	WIRE	BKR002500170	2					each
49	GASKET	RAZ08472	20					each
50	GASKET	RAZ08479	4					each
51	PIN	FPU06060	2					each
52	BUSH	SLQ35700	1					each
53	PIN	SLP60639	2					each
54	SEEGER RING	KKA00050	6					each
55	GUIDE BUSH	SLP35953	1					each
56	PIN	FPD06060	2					each
57	BALL JOINT	RG008915	1					each

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Item No.	Description	Nuovo Pignone Part Number	Quantity	Unit Price (USD)	Total (USD)	Warranty (days)	Lead Time (Days)	Unit of Measurement
	H.P.HYDRAULIC CYLIND.WITH SERVOCYL.							
58	BEARING	RCO30770	2					each
59	BALL JOINT	RGO09087	1					each
60	SEEGER RING	KKA00012	2					each
61	BALL JOINT	RGO09090	1					each
62	SEEGER RING	KKA00012	2					each
63	BALL JOINT	RGO09084	1					each
	HYDRAULIC CYLINDER							
64	SET OF STEM SEAL RING	ISL0905001	1					set
65	SET OF BODY GASKET	ISL0905002	1					set
66	SET OF PISTON RING	ISL0905003	1					set
	SERVOCYLINDER FOR H.P.CONTROL VALVE							
67	BUSH	SLP45472	1					each
68	GASKET	KBS003202720	1					each
69	GASKET	KBS003903320	2					each
	EMERGENCY STOP VALVE H.P.							
70	GASKET	KBS003903320	1					each
71	WIRE	BKR202500170	1					each
72	VALVE STEM	SLR81733	1					each
73	PLUG	SLR56711	1					each
74	BUSHING	SLR35926	1					each
75	RING	SLQ81821	1					each
76	GASKET	KBS002402020	1					each
77	GASKET	RAZ08403	1					each
78	SEEGER RING	KKB00052	1					each
79	SCREW	GJE08040	12					each
80	PIN	FPD06055	2					each
81	PIN	FPD06060	1					each
82	BUSH	SLQ44314	1					each
	EMERGENCY STOP VALVE H.P.HYDR.CYL.							
83	O-RING	KHC452005301	1					each
84	GASKET	MAG200277	1					each
	REAR JOURNAL BEARING							
85	SET OF PADS	RCO37547	1					set

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	ROTOR							
86	SET OF SEAL TAPE	ISL618270460	1					set
	HIGH PRESSURE INNER CASING (1)							
87	SET OF SEAL TAPES	ISL618270462	1					set
88	SCREW	HCK10035	16					each
89	RING	SLQ34121	4					each
90	SPACER RING	SLR45176	2					each
91	LOCKING PLATE	SLR54764	2					each
92	SCREW	HCK20100	2					each
93	SET OF SHIMS	SLR82761	4					set
	HIGH PRESSURE INNER CASING (2)							
94	STUD BOLT	SLO800791902	2					each
	GUIDE BLADE CARRIER RING							
95	ROTOR BLADES EQUIPMENT	SLO1638338	1					set
	H.P. GUIDE VANE CARRIER (1)							
96	STUD BOLT	SLO801252502	1					each
	H.P. GUIDE VANE CARRIER (2)							
97	SCREW	HCT20090	2					each
	H.P. GUIDE VANE CARRIER (3)							
98	NUT	FFW61036	1					each
99	PIN	FPW20160	1					each
100	SCREW	GSA24120	1					each
101	STUD BOLT	SLO800832402	3					each
102	NUT	FFW61042	3					each
	H.P. GUIDE VANE CARRIER (4)							
103	STUD BOLT	SLO801242302	1					each
104	CAP-NUT	FFW61048	4					each
105	PIN	FPC20080	1					each
	H.P. GUIDE VANE CARRIER (5)							
106	SPHERICAL WASHER	SLR55478	4					each
	H.P. GUIDE VANE CARRIER (6)							
107	SCREW	HCT30110	2					each

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	H.P. GUIDE VANE CARRIER (7)								
108	PIN	FPB25250	1					each	
109	SCREW	GSA36180	1					each	
110	WASHER	FNC01210	1					each	
111	NUT	FFF14020	1					each	
112	PIN	FJA25100	1					each	
113	CAP-NUT	FFW61048	1					each	
	3RD ST.L.P. GUIDE VANE CARRIER								
114	STUD BOLT	SLO800942502	1					each	
115	NUT	FFW22056	1					each	
116	PIN	FJA20040	1					each	
117	SEAL TAPE	ISL618270318	1					each	
	4TH ST.L.P. GUIDE VANE CARRIER								
118	STUD BOLT	SLO800942502	1					each	
119	NUT	FFW22056	1					each	
120	PIN	FJA20040	1					each	
121	SEAL TAPE	ISL618270317	1					each	
	REAR STEAM SEAL RING								
122	SEAL TAPE	SLO1768103	1					each	
	COMPENSATING STEAM SEAL RING								
123	SET OF SEAL TAPES	ISL618270465	1					set	
	COUPLING PROTECTION								
124	O-RING	KHC660005301	1					each	
	INJECTION EMERGENCY STOP VALVE								
125	GASKET	RAZ08463	1					each	
126	GASKET	KBS003903320	3					each	
127	GASKET	RTQ03082	3					each	
	INJECTION STOP VALVE HYDRAULIC CYLINDER								
128	SPRING	RMQ14363	1					each	
	TOTAL				USD 0.00				