

TITLE: QUOTATION DOCUMENT & INVITATION TO QUOTE

PROJECT NAME	DE-SILTING OF ROUNA 4 HEAD POND
PROJECT LOCATION	ROUNA 4, 17 MILE, SOGERI ROAD
PPL QUOTATION NO.	E4318/2020

APPROVALS

Approver Name	Title	Signature	Date
Jonah Kinta	Civil Specialist Engineer		4/09/20
Donald Tuheana	Manager HMPR		7/09/20
William Karanta	Director Hydro Power		8/09/20
Benny Kimisive	EGM - Generation		8/9/2020

Prepared by:  04/09/2020

Civil Support Engineer, Generation Hydro

DATE: Thursday, September 3, 2020

TABLE OF CONTENTS

DESCRIPTION	SECTION
Section One (1): DOCUMENT TO SUBMIT WHEN TENDERING	1
SECTION TWO (2): TECHNICAL SPECIFICATION & SCOPE	2

The Team Leader
Tenders, Contracts & Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

E-mail: tenders@pngpower.com.pg

Dear Sir/Madam,

SUBJECT: INVITATION TO QUOTATION FOR THE DE-SILTING OF ROUNA 4 HEAD POND,
ROUNA 4, 17 Mile, SOGERI ROAD

- i. Your company is invited to submit the most competitive quotation for the work mentioned in the captioned subject. The detail descriptions of the works and Technical Specifications are specified in Section 2 of this Tender Document.
- ii. To assist you in the preparation of your quotation, we are enclosing the following:
 - Technical specifications plus scope of works and drawings
 - Instruction to Bidders
 - Draft Contract Agreement format which will be used for finalizing the agreement for this contract
- iii. The Quotation Submission shall consist of the original of each of the following and one (1) copy of each section (Section 2), all duly completed;
 - A) Form of Quotation
 - B) Quotation Data
 - C) Schedule of Rates and Quantities for Variation
 - D) Any other information or documents call for in the Specification or subsequent addenda
 - E) Additional information or documents offered by the Bidder to aid evaluation of the quotation
- iv. You are requested to provide your offer latest in **7 working days** from the date you receive this Document.

v. Tender closes with:

Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

09th October 2020

Submission of quote shall be 7 working days from the time you receive this notice. That is on Tuesday 29th September at 4:0 PM. Quotations received after the closing date will not be considered.

vi. Thank you and we look forward to receiving your quotations and thank you for your interest in this project.

Note: Any enquiries during the Quotation period shall be addressed to:

*The Project Engineer, Civil Team, Generation Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea*

E-mail: nyaa@pngpower.com.pg

Or

*The Team Leader – Tenders, Contracts and Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea*

E-mail: tenders@pngpower.com.pg

Yours Sincerely,


.....
Nebale G Yaa
Project Engineer

SECTION ONE (1): DOCUMENT TO SUBMIT WHEN TENDERING

A) QUOTATION FORM

Bidders are required to complete the blank space in the Quotation Form and complete the Schedules included in this Tender Document.

To: Team Leader
Tenders, Contracts & Supplier Management
Inventory Management Business Unit
Papua New Guinea (PNG) Power Limited
P. O. Box 1105
BOROKO
National Capital District (NCD)
Papua New Guinea

Dear Sir/Madam,

1. Having examined the Drawings, Technical Specifications and Scope of Works for the execution of the above named Works, we the undersigned, offer to execute, complete and remedy defects in the whole of the said works in conformity with the said drawings, Conditions of Contract, Technical Specification and Schedule for the sum of (in words & Figures)..... (K.....) or such other sum as may be determined in accordance with the said conditions.
2. We undertake, if our Quotation is accepted, to complete and deliver the whole of the works compromised in the Contract within..... (.....) weeks subject to the said conditions.
3. We agree to abide by the Quotation for the period of 12 months for the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before expiration of that period.
4. Unless and until a Formal Arrangement is prepared and executed, this Quotation together with your written acceptance thereof shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Quotation you may receive.

Signed and sealed for and on behalf of:

Sign:

By:

The.....

of the said Company herein Authorised
in the presence of Address of company Quoting:

.....

B) QUOTATION DATA

i. Sub-Contractor (s)

Bidders shall list the sections of work and the name (s) and address of sub-contractor (s) (if any) nominated to carry out any portion of the works;

Portion of the Work (s)	Sub-Contractor's Name & Address
1. Evaluation	
2.	
3.	
4.	

ii. Contract Supervision

Bidders shall list their proposed supervisory staff for this contract. (Name, contact details & designation)

Name	Contact details (Phone No.)	Designation
1.		
2.		
3.		
4.		
5.		

iii. Statement of Experience

The Bidder shall state hereunder facts in details describing at least three (3) previous experiences and achievements in performing similar or comparable works together with the names of authorities for who, and the dates when such works was carried out.

Project	Name of Employer	Description of Work	Year
1.			
2.			
3.			
4.			
5.			

Partner c:

c) To be filled by an individual Licensed Contractor only (Optional)

1. Name: Nationality:
2. Business Address: Phone:
P. O. Box: Fax:
..... Email:
3. Date Registered:
4. Capital:
5. Bank/Branch:

d) To be provided by all Bidders:

1. A declaration stating the portion of National Ownership
2. Documentation or evidence providing either NIDA Registration (or exemption) or IPA Certification of the Tender
3. Certificate of Compliance issued by the taxation office
4. VAT Registration Number or Tax

vi. TECHNICAL INFORMATION

The bidder shall provide, if necessary, the following information:

- a. Clause or Schedule No. Departures from the Requirement of this Specification with Details of Alternative Proposal

- b. Details of Specific Products when specifically called for in the specification

- c. Method Statement. Full details shall be given detailing the Proposed Method of Works.



SCOPE OF WORKS (SOW) AND TERMS OF REFERENCE (TOR)
FOR
ROUNA 1-3
AND
ROUNA 4
HEAD POND DESILTING

ROUNA, SOGERI ROAD, CENTRAL PROVINCE



Prepared by: Nebare G Yaa – Civil Support Engineer
Sighted: Jonah Kinta – Civil Specialist
Checked: Donald Tuheana – Manager, HMPR
Approved: William Karanta – Director, Hydro Power

10 August 2020

1. INTRODUCTION

This work shall consist of the plans, mobilization and assembling of workmen, necessary plants and dredging machine for the head pond de-silting and removal of sediments at Rouna 1/3 and Rouna 4 head ponds.

2. PURPOSE OF THE WORK

To engage a contractor to use their Plants and Equipment especially a sand suction dredging machine to remove silts and mud deposits from the two head ponds.

3. LOCATION

Rouna, Sogeri Road, Central Province.

4. SCHEDULE OF PRELIMINARIES

4.1. GENERAL

The contractor shall carryout the works as detailed in the Plans and SOW below.

4.2. SCOPE OF WORKS

- i. Labor experienced in silt, sludge and mud removal in dams, collection wells & other similar works will be required for carrying out this job.
- ii. The work specified in this specification shall consist of Head Pond De-Silting, and Removal of Silts and Sediments deposits in the two (2) Head Ponds thoroughly by the means of a sand suction dredging machine and dispose or dump the spoil at a nominated site.
- iii. The deposited sludge height for Rouna 1/3 is approximately 4m in depth and Rouna 4 is approximately 6m respectively in the two Head Ponds to be cleared off the sludge; however, the tenderers may visit the site and assess the sludge deposit depth and quote accordingly. Even if sludge deposit is more than the estimated amount, the quoted rate only will be paid and no extra rate shall be considered. The sludge will be in wet condition and it has to be removed thoroughly, for the ponds to store the water at the maximum design capacity.

- iv. The bottom rock layer and bund of the pond shall not be disturbed / damaged while removing & transporting the sludge deposit from the ponds.
- v. The sucked silt & sludge have to be transported, dumped and leveled at the nominated locations as per instructions from Engineer-in-charge.
- vi. The contractor shall also quote for other additional works within the pond area including but not limited to:
 1. Head pond access road and associated works for the movement of machinery and heavy trucks during the head pond desilting period.
 2. Clearing of bush and over grown within the head pond and intake areas
 3. Construction of ramps for the movement of desilting machineries as and when required
- vii. Safety aspect is important while removing silt & sludge from the ponds, as the works areas will be slippery and or wet. care must be everyone's priority and all safety equipment has to be provided to the workers doing the job.
- viii. PNG Power will not be liable for any safety associated issues. It is therefore the contractor's responsibility to make sure all your workmen are aware of all the risks involved in these project and care must be taken at all times while at work.
- ix. Contractor shall carry out the works engaging their man power, tools & plants and, vehicle within the quoted rates.
- x. All the said works must be done without any disturbance to the power generation or Eda Ranu raw water supply. That means, the contractor will remove the silt deposits in the two respective ponds while maintaining the water in the pond level.
- xi. Details of the Head Ponds and the approximate silt deposits

ROUNA 1/3 HEAD POND		ROUNA 4 HEAD POND	
Depth of Pond (design)	9m	Depth of Pond (design)	9m
Level of silt build-up (est)	~4m	Level of silt build-up (est)	~6m
Depth of H2O (Effective)	~5m	Depth of H2O (Effective)	~3m
Pond Area (calc)	~9,298m ²	Pond Area (calc)	~9,266m ²
Volume of silt (calc)	~37,192m ³	Volume of silt (calc)	~55,596



4.3. STANDARDS & WORKMANSHIP

All works shall be carried out to the accepted standard practices, local authority regulations and the relevant PNG, Australian and or New Zealand Standards. The contractor shall be wholly responsible for the setting out, the accuracy and quality of his works. Superintendent/Engineer's inspection of the works shall not be deemed as acceptance of the error. Corrections relating to such defects shall be made at the contractors own expense.

4.4. SITE INSPECTION

Prior to lodging bids, bidders must inspect the site to fully inform themselves of the conditions. This includes confirmation of measurements and identify any additional works required that may have been overseen by the Engineer/Superintendent. Bidders should then advise the Engineer/Superintendent during the tendering phase to have the works included in the scope and as their separate component in their bid.

4.5. SAFETY REQUIREMENT

The Contractor shall ensure that all Work Place Safety Standards and requirements are adhered to when carrying out his works. All accidents shall be reported to the Engineer/Superintendent. PNG Power shall bear no liability for any accidents due to the contractor's negligence.

4.6. TRANSPORT TO SITE

The Contractor is responsible for the transport of all materials, equipment and manpower to and from site.

4.7. DURATION OF THE PROJECT

All required works shall be completed in 28 days or One (1) Month from the date of Possession of Site given in the Letter of Acceptance.

4.8. TERMS OF PAYMENT

As specified in Clause 6.2 of this specification.

4.10. POSSESSION OF SITE

The date of Possession of Site will be stated in the Letter of Acceptance. The Contractor shall be given such possession of site as is considered necessary to carry out these works but such possession shall not be deemed to mean exclusive possession.

5. CONSTRUCTION DETAILS

5.1. PLANTS & EQUIPMENT

The contractor shall mobilize and Quote for the following Plants and Equipment for the Work specified in this Contract;

Item	Name of Plants and Equipment	Required No.
1	Dredging Machine Set	One (1)
2	4m3 Dump Truck	Two (2)
3	10m3 Dump Truck	Two (2)
4	Crane Truck	One (1)
5	Backhoe	One (1)
6	Gen set	One (1)
7	Portable lights	Four (4)

5.4. COMPLIANCE WITH STANDARDS

All works specify under this specification shall conform to the following standards:

- a. All works must do in accordance with recognized PNG or Australian and or New Zealand standards.

6. TERMS AND CONDITIONS

6.1. SUPPLY AND DELIVERY

A suitable Dispatch schedule will be confirmed with PNG Power before Confirmation of Order.

For budget purposes please allow approximately **20 – 24 Working Weeks Ex-Works**, from *receipt of confirmed, fixed and final, specifications*. Should this quoted delivery period be not satisfactory, please do not hesitate to contact us for our further consideration.

Delivery estimate is made in good faith with regard to the current manufacturing programs and reasonable assumption on your requirements. Slight variations to these estimates may occur over the period leading up to your order, but will be confirmed within 4 weeks of your order as to the exact delivery expectation.

6.2. PAYMENTS

Subject to negotiation however our preferred method of payment would be by means of a confirmed irrevocable letter of credit (CILC), to be established at the time of order from a vendor approved banking facility and shall allow for the following progress payments:

- 25% Down payment with your mobilization invoice and set up.
- 25% Payment for submission of plans and confirmation of plant and equipment on site.
- 40% payment for the Completion of the project.
- 10% Final payment completion and commissioning and demobilization.

6.3. WARRANTY PERIOD

The foundation offers a defects liability period of 12 months from delivery from commissioning whichever is earlier. The mandatory defects liability period shall be the basis for payments and releases of securities.

7. CONTACT PERSONS

Forward your requests regarding clarification and or additional information should be directed to;

Mr Donald Tuheana - Manager Hydro Maintenance Planning & Reliability

Email: dtuheana@pngpower.com.pg

Mr. Jonah Kinta – Civil Specialist Engineer

Email: jkinta@pngpower.com.pg

Mr. Nebare G Yaa – Civil Support Engineer

Email: nyaa@pngpower.com.pg

SUPPLY/TENDER

Supplier to submit Quote to:

Tenders Committee

PNG Power Ltd

P.O. Box 1105

BOROKO

NCD, Papua New Guinea

Email: tenders@pngpower.com.pg

~~Email: supplyhelpdesk@pngpower.com.pg~~

Submission of quote/tenders shall be ~~14~~⁷ days after receipt of notice. Quotations received after the closing date will not be considered.