



PARADIP PORT TRUST

Odisha, India

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INVITATION FOR EXPRESSION OF INTEREST & BUDGETARY OFFER FOR

**“Rectification of defects of Hydraulic Clamping
System of Wagon Tipper-I (TP-149)”**

Submission on or before 07.06.2019



PARADIP PORT TRUST

INVITATION FOREXPRESSSION OF INTEREST & BUDGETARY OFFER

FOR

“Rectification of defects of Hydraulic Clamping System of Wagon Tipper-I (TP-149)”

(This notice is issued only to elicit an Expression of Interest from Parties interested in the Project and does not constitute any binding commitment from Paradip Port Trust to proceed with the Project or invite any or all the Parties in the subsequent bidding process.)

SECTION-I

BACKGROUND

Iron Ore handling Plant (IOHP), Paradip Port Trust has twin rotary wagon tippers out of which one no. (Tippler-I) is of hydraulic clamping type. The hydraulic clamping type of tippler has been commissioned in the year 2011 and is in operation thereafter. After placement of loaded wagons on tippler table, both vertical and horizontal clamps operated by hydraulic cylinders to hold the load wagon prior to tipping operation. Similarly, after completion of tipping operation, vertical and horizontal cylinders are released for removal of empty wagon from tippler table. The hydraulic system is being operated by the power pack of **M/s Bosch Rexroth (India) Pvt. Ltd.** make. The electro-hydraulic system is working by 3-phase, 415 Volt, 18.5 kW motor and being operated through PLC of 24 Volt DC. The power pack along with oil tank have been installed on the rotary tippler table itself. Both power pack along with oil tank rotate along with the tippler table during tipping operation. There are 8 nos. of vertical hydraulic cylinders (size: 70 mm X 100 mm X 1000 mm stroke) and 8 nos. of horizontal cylinders (size: 70 mm X 100 mm X 250 mm stroke) fitted in the hydraulic system for clamping and de-clamping of wagons. The main pipes of the hydraulic system are SS pipes with ferule type of joints. The working pressure is 60 bar and testing pressure of the system is 350 bar with the tank capacity of 500 litres.

THE PROJECT

The work “**Rectification of defects of Hydraulic Clamping System of Wagon Tippler-I (TP-149)**” mainly involves rectifying the defects with modification if any for smooth functioning of hydraulic system. All the spares, materials, labour, T&P, consumables, DA, oxygen, electrode, argon, scaffolding (if required) etc. required for satisfactory execution of the work shall be supplied by the Contractor.

OBJECTIVE OF EOI PROCESS

At present, the following defects are being observed frequently in hydraulic system of Wagon Tippler TP-I (TP-149).

1. Frequent leakage of oil seal of both horizontal and vertical cylinders.
2. External oil leakage from pipes (end fittings) and hoses of Hydraulic system.
3. Synchronized operation of all vertical and horizontal cylinders not happening.

4. Vertical pad not getting released during operation, many-a-times.
5. Bending and failure of vertical piston rods.
6. Damage of trunion of horizontal and vertical cylinders.

QUALIFYING REQUIREMENTS

The interested firm shall submit details pertaining to past business experience, financial status indicating turnover of the applicant for past three years and other details given in FORM-A.

PROPOSAL

Interested firms are hereby invited to submit their “Expression of Interest (EOI) & Budgetary Offer” for the work “Rectification of the defects of hydraulic clamping system of Tippler-I (TP-149)”. The information submitted will be treated as confidential.

SITE VISIT

Interested firms may visit the site on any day during working hours (0900 hrs to 1300 hrs) prior to last date of submission of their Expression of Interest (EOI) and Budgetary Offer i.e., **07.06.2019**, to ascertain the exact nature of work and site conditions for preparation and submission of a realistic offer.

EOI & BUDGETARY OFFER TIMELINES

(A) GENERAL INFORMATIONS

Sl. No.	Item	Details
1.	Name of Work	Rectification of defects of Hydraulic Clamping System of Wagon Tippler-I (TP-149).
2.	Department/Organization	ELECTRICAL & MECHANICAL DEPARTMENT / PARADIP PORT TRUST
3.	Executive Division	Iron Ore Handling Plant
4.	Officer Inviting the Bid	Executive Engineer
5.	Immediate Next Authority	Superintending Engineer
6.	Sanctioning Authority	Chairman, PPT
7.	Executing Authority	Executive Engineer

(B) OTHER INFORMATION

Sl. No.	Item	Date	Time
1	Publication date	15.05.2019	17:00 Hrs.
2.a)	Document download start date	15.05.2019	17:00 Hrs.
b)	Document download end date	07.06.2019	16:00 Hrs.
3.a)	Start date for seeking Clarification on-line	15.05.2019	17:00 Hrs.
b)	Last date for seeking Clarification on-line	20.05.2019	10:00 Hrs.
4.	Date of uploading response to Clarifications sought	29.05.2019	17:00 Hrs.
5.	Offer Submission end date	07.06.2019	16:00 Hrs.
6.	Bid Validity period	120 days	
7.	Currency of Contract	Indian Rupee	
8.	Language of Contract	English	

Commercial Terms & Condition:

1) Security Deposit:

A sum of 10% of accepted value of the tender shall be deposited by the successful bidder (Contractor) as Security Deposit (SD). This will be deposited initially 1% value of the contract as initial security deposit (ISD) in shape of a Bank Guarantee or Demand Draft (DD) / Banker's Cheque drawn in favour of FA&CAO, Paradip Port Trust (DD/ Banker's cheque shall be payable at Paradip) within 15 days of issue of Letter of Intent (LOI). After deducting the EMD and ISD from the stipulated security deposit, the balance amount will be recovered in instalment through deduction at the rate of 10% of the value of each running account bill subject to attaining the required amount by the last running bill. In case of exemption of EMD, the successful bidder has to deposit initially 3% of the contract value as ISD instead of 1% of contract value.

The Contractor may submit Bank Guarantee for the balance amount after deducting the EMD and ISD from the stipulated security deposit in which case there will be no deduction from the running bills towards security deposit.

EMD of the successful bidder may be refunded to the bidder after receiving an equivalent amount of Bank Guarantee only after issue of work order and signing of agreement.

The Contractor may also submit Bank Guarantee for a sum of 10% of accepted value of tender as Security Deposit (SD) within 15 days of issue of Letter of Intent (LOI) in that case (i) deposit of 1% ISD will not be required; (ii) there will be no deduction from the running bills towards security deposit; and (iii) 'EMD of the successful bidder will be refunded to the bidder after issue of work order and signing of agreement.

The security deposits shall be returned to the Contractor within 45 days of successful execution and acceptance of the work.

2) PERFORMANCE SECURITY DEPOSIT (PSD):

The Contractor shall furnish PSD equivalent to 5% of the contract price in shape of a Bank Guarantee as per Appendix-5 or Demand Draft (DD) / Banker's Cheque drawn in favour of FA&CAO, Paradip Port Trust (DD/ Banker's cheque shall be payable at Paradip) on or before date of completion of work. The PSD shall be retained by Paradip Port Trust till successful completion of the warranty period. The PSD shall be released within 60 days of successful completion of the warranty period. The BG shall be valid till 60 days after completion of warranty period. In case the Contractor fails to furnish PSD on or before scheduled date of completion of work, the PSD will be adjusted from the Security deposit and the balance amount of security deposit will be returned to the Contractor.

3) **Bid Prices:**

The Bidder shall indicate on the prescribed Bill of Quantity, the landed prices of all the goods and services at Paradip Port Trust. It must include all incidentals like insurance, transportation, packing & forwarding, etc. (excluding GST) required for execution of the contract in all respect. Variation in taxes due to change in Govt. Regulations only shall be considered, provided such change has taken place within the period from 28 days prior to the last date of bid submission to the original completion date of the Contract. No price escalation shall be admissible for this contract. **The GST percentage may be mentioned against each item of Bill of Quantity (BOQ) or Break-up Price (Annexure-I).**

4) **Date of Commencement and Completion of Work:**

The Contractor shall commence the work within 15 days of issue of Letter of Intent. The work shall be completed in all respect within 01 (One) month from the date of commencement of work.

5) **Shutdown:**

Iron Ore Handling Plant (IOHP) operates 24X7 hour basis for wagon tipping and shiploading operation. All efforts shall be made to execute the work without hampering Plant Operation. In case of requirement of shutdown for execution of any particular work, the Contractor shall submit advance intimation to the EIC seeking for bare minimum shutdown required with justification to execute the work. Accordingly, shutdown shall be provided considering the operational requirement. During shutdown period, works shall be carried out round the clock basis. Delay in completion of the work beyond agreed shutdown period shall attract a penalty @ Rs.10,000/- (Rupees Ten Thousand) only per day. The above cited penalty shall be imposed in addition to the Liquidated Damage (LD). The works may be excuted in suitable operational gaps. Complete shutdown of the Wagon Tippler, if required, shall be limited to only one (1) day during the entire contract period.

6) **Liquidated Damage (LD):**

- a. Unless otherwise specified, in case of delay in completing the work, liquidated damage shall be charged to the Contractor at the rate 0.25% of the contract price for a delay of one week or part thereof subject to a maximum of 5% of the contract price if the original execution period is 90 days or more. Where the original execution period is less than 90 days, liquidated damage shall be charged to the Contractor at the rate of 0.1% of the contract price for a delay of one day or part thereof subject to a maximum of 5% of the contract value.

Where the Liquidated Damage amount exceeds the maximum limit, Paradip Port Trust reserves the right to :-

- i) Terminate the contract and / or ii) Forfeit the Initial Security Deposit (ISD).

b. In case of “substantial completion” of a section of work and subsequent taking over by the purchaser within the scheduled date of completion, the liquidated damage shall be levied on the cost of balance portion of the works which are completed after the scheduled date. “ ***Substantial Completion “ of a section shall mean that the section has been completed, passed the tests, if any, to meet it’s intended purpose and can be used by the purchaser for that purpose.***

7) **Warranty:**

The warranty period shall be valid up to 01 (one) year on the entire work along with supply items with effective from date of acceptance of the work. Any defect/damage noticed during the warranty period shall have to be made good by the contractor free of cost within one month from the date of notice failing which Paradip Port Trust may proceed to take such remedial action as may be necessary at the Contractor’s risk and cost.

8) **Payment Terms:**

Payment will be made as follows:

- (i) 70 % payment will be released after successful completion of work and acceptance thereof by the Engineer-in-charge (EIC). 20% of contract value will be released after one month of successful performance of the modified hydraulic system.
- (ii) Balance 10% of the total contract value shall be retained by PPT towards Performance Security Deposit. The Performance Security Deposit shall be released after successful completion of the warranty period only. The Contractor may furnish a Bank Guarantee of equal value valid till 60 days after expiry of the warranty period in which case the balance 10% money will be released for payment.

- 9) Any query in this regard may be raised to the following email prior to date **20.05.2019 (upto 1000 Hrs.)** which will be clarified by uploading in the website for facilitating submission of a competitive budgetary offer.

SECTION-II

INFORMATION & INSTRUCTION FOR APPLICANTS

1. GENERAL:

- 1.1 Letter of Interest and forms 'A', 'B' & 'C' seeking information/documents are given in Section-III.
- 1.2 All information called for in the Forms A, B & C shall be furnished against the relevant columns.
- 1.3 The applicant may furnish any additional information, which is deemed necessary to establish capability to successfully complete the envisaged project.
- 1.4 The EOI & Budgetary Offer document in the prescribed form duly completed shall be submitted either through e-mail or by registered post delivered to "**The Chief Mechanical Engineer**, Paradip Port Trust, Dist: Jagatsinghpur, Odisha, PIN – 754142, e-mail ID: cme@paradipport.gov.in" on or before 06/07/2019 at 1600 hrs. Documents submitted in connection with EOI & Budgetary Offer will be the property of Paradip Port Trust.
- 1.5 For further details please contact "**The Executive Engineer**, Paradip Port Trust, Dist: Jagatsinghpur, Odisha, PIN - 754142" Tele: 06722-222223, Mob.: 9437551451. Email: dhiren_sahoo2482@yahoo.com or the Chief Mechanical Engineer, Paradip Port Trust @cme@paradipport.gov.in.

2. PARTICULARS:

The particulars of the project given in Section-I, are only indicative / subject to change and may be considered only as advance information to assist the applicant.

3. INFORMATION TO BE GIVEN IN THE REQUIRED FORMATS:

Applicant should furnish the following:

A) ORGANISATION INFORMATION (Form-A)

Applicant is required to submit the comprehensive information in respect of his organization in the Form – 'A' attached.

B) LIST OF PROJECTS (Form-B)

Applicant is required to submit the list of similar assignments/projects successfully completed/ongoing during the last five years in Form-'B'.

C) SUGGESTIONS (Form-C)

The Firms are requested to submit their proposals/views that can be considered for the Project formulation, in Form-'C'. Additional sheets can be used.

4. LETTER OF INTEREST

The applicant should submit the Letter of Interest(LOI) attached with the 'EOI-cum-Budgetary Offer' document (section-III).

5. DISCLAIMER

The information in this document has been prepared to assist the applicants in preparing the non-binding EOI-cum-Budgetary Offer and it is clarified that

- This document does not constitute any contract or agreement of any kind whatsoever.
- This document does not, and does not purport to contain all the information that interested firms and their advisors would desire or require in reaching decisions as to the transaction. Interested applicant should form their own view as to what information is relevant to such decisions and make their own independent investigations in relation to any additional information.
- Neither the information in this document nor any other written or oral information in relation to the transaction is intended to form the basis of or the inducement for any investment activity or any decision to enter into any contract.
- Neither Paradip Port Trust nor their employees or advisors shall be liable to any interested party or any Entity under law including the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expenses or damage which may arise, or be incurred, or suffered, in connection with this document, or any matter that may be deemed to form part of this document, or any other information supplied by or on behalf of Paradip Port Trust or their employees or advisors or otherwise arising in any way from the selection process ahead.
- It shall not be assumed that there shall be no deviation or change in any of the herein mentioned information. While this document has been prepared in good faith, neither Paradip Port Trust nor any of their respective officers or employees or advisors or agents make any representation or warranty or shall have any responsibility or liability whatsoever in respect of any statements or omissions here from.

6. After assessing the response to this EOI & Budgetary Offer from the Applicants, Paradip Port Trust shall initiate appropriate steps for selecting a contractor through a transparent bidding process.

SECTION-III
LETTER OF INTEREST
(To be typed in Firm's Letterhead)

To

The Chief Mechanical Engineer,
Paradip Port Trust,
Administrative Building,
Paradip Port - 754142
Dist: Jagatsinghpur (Odisha)
Tel.: (06722) 222034

Sub: Rectification of defects of Hydraulic Clamping System of Wagon Tippler-I
(TP-149).

Sir,

Having examined the details given in EOI Notice and EOI document for the above project, I/we hereby submit our Expression of Interest & Budgetary Offer and the relevant information.

1. I/We hereby certify that all the statements made and information supplied in the enclosed forms 'A', 'B' & 'C' and accompanying statements are true and correct.
2. I/We have furnished all information and details necessary for EOI & Budgetary Offer and have no further pertinent information to supply.
3. I/We also authorize Paradip Port Trust or their authorized representatives to approach individuals, employers and firms to verify our competence and general reputation.
4. I/We submit the following certificates in support of our suitability, technical knowhow and capability for successfully implementing the project.

Signature(s) of Applicant(s)

Enclosures

Seal of applicant

Date of submission

FORM – ‘A’

Organizational Structure of Applicant

1	Name & Address of the applicant with Telephone No./ email	
2	a) Year of Establishment b) Date of commencement of operations	
3	Legal status of the applicant (attach copies of original document defining the legal status) a) Proprietorship firm b) Partnership firm c) limited company or Corporation/ Joint venture/ Consortia d) Others (Please specify)	
4	Names of Directors & other executives involved in this project with designation and contact information.	
5	Applicant's annual turnover in the last three financial years in Indian Rupees.	
6	Brief write up about Applicant's business during last three financial years	
7	Any other information considered necessary but not included above	

We have attached:-

1. Copies of last three years Annual Audit Reports or Auditor's certificate.
2. Brochures if available, of the Applicant

Signature

Designation

FORM – ‘B’

**Details of similar projects (electro-hydraulic system)
undertaken by Applicant in the last five years**

Name	
Role and Responsibility in the project	
Location	
Description	
Time for which the project has been successfully in operation.	
Indicative Project cost in Indian Rupees	
Any other information considered necessary but not included above	

Signature

Designation

Note: Please use separate sheet for each Project.

FORM – ‘C’

Suggestions and views of Applicant

Brief details of works to be carried out for rectification of the defects	
Time required for execution of the work	
Shutdown period (with detail justification)	
Assistance required from Paradip Port Trust	
Suggestions or views (Please attach additional sheet).	

Applicant may add any other detail considered to be important

Kindly attach a conceptual plan.

Signature

Designation

BILL OF QUANTITY

Name of the Work: **Rectification of defects of Hydraulic Clamping System of Wagon Tippler-I (TP-149).**

Sl. No.	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Rectification of defects of hydraulic clamping system of Wagon Tippler-I (TP-149) as per scope of work.	LS	01		
Total:					

N.B.: The rate indicated must be excluding GST and GST percentage may be mentioned as extra.

Date:

Signature of the Firm

Annexure-I

BREAK UP PRICE

Name of the Work: **Rectification of defects of Hydraulic Clamping System of Wagon Tippler-I (TP-149).**

Sl. No.	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	% of GST
1.		LS	01			
2.		LS	01			
3.		LS	01			
4.		LS	01			
5.		LS	01			
6.		LS	01			
7.		LS	01			
8.		LS	01			
9.		LS	01			
10.		LS	01			
Total:						

- N.B.:** (i) The rate indicated must be excluding GST and GST percentage may be mentioned as extra.
(ii) The total of the Break-up price as above should match with the total price quoted in the Bill of Quantity (BOQ).

Date:

Signature of the Firm