

PARADIP PORT AUTHORITY



ELECTRICAL & MECHANICAL DEPARTMENT Workshop Division

e-TENDER CALL NOTICE (e-TCN)NO: **EM/WS – 07/ 2026**

NAME OF THE WORK: Operation & Maintenance of Telescopic Gangway at North Oil jetty for a period of 02 years or till commissioning of column type TGW.

TENDER DOCUMENT FOR e-Tendering

Volume-II

Workshop Division

E&M Department, Paradip Port Authority
Second Floor, Administrative Building,
Dist: Jagatsinghpur (Odisha).
Post: Paradip-754142,
Mob : 9238552801
E-mail: himansusekharp@paradipport.gov.in

PARADIP PORT AUTHORITY
ELECTRICAL & MECHANICAL DEPARTMENT

No.: EM/WS/TECH-14/2026/**606**

Date: 24.04.2026

e-TENDER CALL NOTICE (TCN) No. EM/WS - 07 / 2026

1. Paradip Port Authority invites online tenders from eligible bidders for the following work.

Sl. No	Name of the work	Estimated Cost of Work (in Rs)	E.M.D* (In Rs.)	Tender fee* (In Rs.)	Period of Contract
1	2	3	4	5	6
01.	Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW.	Rs.32,64,000/- excluding GST	Rs.65,280/-	Rs.3,000/- + GST @18% Extra	02 years (24 months)

* To be deposited through NEFT/RTGS as per Clause No.17 of ITB.

2. Bidders with the following eligibility criteria only may participate:

a) **Similar Work Experience:**

The bidders who have successfully completed similar work(s) during last 07 years ending on 31.03.2026 as under (any one of the following) only may participate in the tender:

(i) One work of value not less than Rs.26,11,200/- (Rupees Twenty Six Lakhs Eleven Thousand Two Hundred) only

OR

(ii) Two works of value not less than Rs.16,32,000/- (Rupees Sixteen Lakhs Thirty Two Thousand) only for each work

OR

(iii) Three works of value not less than Rs.13,05,600/- (Rupees Thirteen Lakhs Five Thousand Six Hundred) only for each work.

Similar work shall mean:

Supply, Installation and Commissioning / Operation and Maintenance / Maintenance for either one of the following equipment:

- a) Telescopic Gangway.
- b) Quick Release Mooring Hook.
- c) Bulk Material Handling Equipment like Stacker / Reclaimer / Stacker cum Reclaimer / Ship Loader / Ship Unloader / Wagon Tippler / Wagon Loader.
- d) Bulk Material Handling Conveyor System.
- e) Harbour Mobile Crane.

Copies of work order(s) & respective satisfactory completion certificates (s) must be furnished by the bidder in Technical bid in support of eligibility. The completion certificate shall clearly indicate the executed value against the submitted work order. **In case of work experience issued by Private Organizations, the bidder has to submit the TDS certificate in addition to the work experience certificate. The TDS certificate should be supported by a Chartered Accountant certificate specifying the value of work executed under the subject work and TDS there against, failing which it shall not be considered.** In case of work experience under PPA, the submission of experience certificate is optional.

In case any firm is submitting two separate orders for the same work i.e. one for supply of materials & another for installation, commissioning of the same work irrespective of issue date; PO no. or work order no., both the orders will be treated as a single work and the amount of both the works will be combined for evaluation of eligibility condition for similar work experience.

b) Financial Turnover

The bidder must have an average annual turn-over of Rs.9,79,200/- (Rupees Nine Lakhs Seventy-Nine Thousand Two Hundred) only or more during the last 3 financial years ending on **31.03.2025**. The supporting documents related to financial capabilities shall be certified by C.A / Affidavit to be executed for said supporting documents.

c) Bidders should have (i) EPF Registration Certificates (ii) ESI / Medclaim Policy / Employment injury & Compensation. If the firm is having any type of Medclaim Policy or Employment injury & Compensation other than ESI, then the firm has to submit an undertaking that if the work is awarded in their favour then the firm would get registered under ESI scheme within a reasonable time period.

(iii) Permanent Account Number [PAN] & Income Tax Return for the Financial Years 2022-23, 2023-24 & 2024-25

(iv) GST Registration Certificate etc.

3. The Bidder has to submit duly filled in Appendix-02 and Appendix-03.
4. The prescribed Tender Document will be available in the website: <https://eprocure.gov.in/eprocure/app> from **17:00** Hrs., dt. **24.04.2026** to **18:00** Hrs., dt.**17.05.2026** for online bidding.
5. The bidder must possess compatible Digital Signature Certificate (DSC) of Class-II or Class-III. Those Successful bidders not registered in the above mentioned website are required to get themselves registered beforehand with valid DSC.
6. Bids shall be received only "On line" on or before Dt.**17.05.2026** up-to **18:00** Hrs.
7. Bids received online shall be opened at **11:30** Hrs. on Dt.**18.05.2026** Bidders who participated in the bid can witness the opening of bids after logging on to the site through their DSC. In the event of the specified date of bid opening being declared a holiday for Paradip Port Authority, the bids shall be opened at the appointed time on the next working day and same place.
8. Cost of Tender document and EMD shall be deposited as per Clause No. 17.0 of ITB. A self-signed copy of acknowledgements shall be uploaded by the bidder to the portal in designated place of the technical bid while submitting the his/her bid in respect of documents regarding EMD and Tender paper cost. Bidder is also requested to mention the e-TCN No. in acknowledgements. If the Bidder fails to upload scanned copy of self-signed acknowledgement, his/her bid shall be declared as non-responsive and rejected. Bid also shall be accompanied by scanned copies of all relevant "Certificates/documents" as per requirement of the tender and the same shall be uploaded to the portal in the designated place of technical bid (Ref. Cl. No. 15 of ITB).

9. (i) **All the Bidders who will quote beyond 15% less than the estimated cost put to tender will mandatorily Deposit 5% (five percent) of the estimated cost put to tender** through RTGS/NEFT in favour of FA&CAO, PPA account prior to closing of the tender. **The proof documents to be uploaded in the 1st cover.** After opening of the tender, if this amount exceeds the required EASD amount, the balance will be refunded to the bidder after issue of work order by the respective division or will be adjusted against the ISD. If the bidder fails to deposit the above 5% value of estimated cost put to tender and upload the proof within specified time, the bid of the said bidder will be treated as invalid/cancelled after opening of the price bid. Then the tender will thereafter be processed for finalization without considering the above invalid bidder.
- (ii) For other bidders who are required to submit the balance EASD in addition to the mandatory 5% deposit according to their respective quoted rates, the lowest bidder after opening of Price Bid, shall be informed to deposit the balance amount within 10 (ten) days time. In case, if the concerned bidder failed to deposit the balance EASD within the stipulated time, the bid of the said tender will be treated as invalid/cancelled and action as per tender condition will be initiated against the said bidder. Then the tender will be processed for finalization excluding the above invalid bidder and the next lowest bidder will be given chance to deposit the requisite amount.
10. (i) The bidder must go through the "Special Condition of Contract (Preference to Make in India)" of the tender document before bidding and fill up all the Annexures as per format.
- (ii) The bidder, at the time of bidding shall be obliged to indicate the percentage (%) of Local Content & provide self-certification as per the format enclosed as Annexure.
11. Other detail can be seen in the bid document.
12. The authority will not be held responsible for any technical snag or network failure during on-line bidding.
13. The authority reserves the right to cancel any or all bids without assigning any reason.

Executive Engineer (M),
Workshop Division-I,
Paradip Port Authority.

Copy forwarded to:

1. Sr. Dy. Director, EDP Cell, PPA to publish the Tender in the PPA website.
2. All HOD/Sr. Commandant, CISF/C.V.O,PPA / Heads of Offices/OOGF / Notice Board.
3. The Hindi Officer, PPA with a request to translate the TCN in Hindi and publish in one of the Hindi Newspapers.

(Format for Publication of TCN in the News Paper.)

PARADIP PORT AUTHORITY
e-TENDER CALL NOTICE

No.: EM/WS/TECH-14/2026/606

Date: 24.04.2026

e-TCN No. EM/WS- 07 /2026

Name of the work “**Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW**”. Estimated cost: Rs.32,64,000 /- excluding GST. Last date & time of submission of bid: **dt 17.05.2026 up to 18:00 Hrs.** Refer our website for details

Executive Engineer (M)
Workshop Division-I
Paradip Port Authority

CONTRACT DATA

(A) GENERAL INFORMATIONS:

Sl. No.	Item	Details
1.	Name of Work	Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW.
2.	Department/Organization	Electrical & Mechanical Department / Paradip Port Authority
3.	Executive Division	Workshop Division-I
4.	Officer Inviting the Bid	Executive Engineer
5.	Immediate Next Authority	SE(M), PPA
6.	Sanctioning Authority	Dy. Chairman, PPA.
7.	Executing Authority	Executive Engineer (M)

(B) BID INFORMATION:

Sl. No.	Item	Date	Time
1.	Tender e-publication date	24.04.2026	17:00 Hrs.
2.a)	Document download start date	24.04.2026	17:00 Hrs.
b)	Document download end date	17.05.2026	18:00 Hrs.
3.a)	Start date for seeking Clarification on-line	-	-
b)	Last date for seeking Clarification on-line	-	-
4.	Date of Pre-bid Meeting	-	-
5.	Date of uploading response to Clarifications Sought	-	-
6.a)	Bid Submission start date	24.04.2026	17:00 Hrs.
b)	Bid Submission end date	17.05.2026	18:00 Hrs.
7.	Cost of Tender document/Tender fee of Rs.3,000/- + GST @18% Extra only to be deposited through NEFT/RTGS and on following A/c details as per Clause No.17.0 of ITB SB A/C No. : 0254104000169615 In favour of : Paradip Port Authority Type of Account: Saving Branch : IDBI Bank Ltd., IFSC : IBKL0000254	On or before: 17.05.2026	18:00 Hrs.
8.	EMD of Rs.65,280/- only to be deposited through NEFT/RTGS and on following A/c details as per Clause No.17.0 of ITB SB A/C No. : 0254104000169615 In favour of : Paradip Port Authority Type of Account: Saving Branch : IDBI Bank Ltd., IFSC : IBKL0000254	On or before: 17.05.2026	18:00 Hrs.
9.	Bid opening date	18.05.2026	11:30 Hrs.
10.	Bid Validity period	120 days	
11.	Currency of Contract	Indian Rupee	
12.	Language of Contract	English	

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. EXEMPTION OF COST OF TENDER DOCUMENT & EMD:

- (i) The MSEs are provided Tender Documents free of cost & exempted from payment of Earnest Money subject to furnishing of relevant valid Certificate for claiming exemption.
- (ii) MSEs who are registered with District Industries Centre(DICs) / Khadi & Village Industries Commission (KVIC / Khadi & Village Industries Board(KVIB) / Coir Board / NSIC / Directorate of handicrafts and Handloom or any other body specified by Ministry of Micro, Small & Medium Enterprises (MoMSME) are eligible for availing benefits under the public procurement policy. MSEs registered under Udyog Aadhaar Memorandum (UAM) are also eligible to avail the benefits under policy. The above benefits will be extended irrespective of the product category for which the bidder is registered.

2. BANK GUARANTEE:

While issuing Bank Guarantee, bidder must mention receiver's details as stated below in BG and in which SFMS IFIN 760 message to be sent by issuing bank to establish the authenticity of given BG.

Favour	-	Paradip Port Authority
IFSC	-	ICICI0000776
Branch	-	Paradip

Paradip Port Authority has enabled acceptance of e-BG as per National e-Governance Services Limited. Bidders are requested to approach with the following details to their bank for issuance of e-BG. Any clarification in this regards may contact Shri P Maharana, Dy. CAO, PPA.

PAN	: AAALP0055A
Name	: PARADIP PORT AUTHORITY
Date of Incorporation / Birth	: 01-06-1965
Email ID	: facao@paradiport.gov.in
Contact Number	: 9937979753 (Shri P Maharana, Dy. CAO, PPA)
Legal Constitution	: Local Authority
Registered Office Address	: Paradip, Dt. Jagatsinghpur, Odisha
Registered Office Address Pin code:	754142
Communication Address	: Paradip, Dt. Jagatsinghpur, Odisha
Communication Address Pin code	: 754142

3. SECURITY DEPOSIT (In addition to Clause No.14.0 of ITB)

The following receiver's details must be mentioned in the BG by the Party.

1. Favour : Paradip Port Authority
2. IFSC : ICIC0000776
3. Branch : Paradip

While issuing Bank Guarantee, applicant must mention receiver's details as above in BG and in which SFMS IFIN 760 message to be sent by issuing bank to establish the authenticity of given BG.

The bid Security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form, safeguarding the purchaser's interest in all respects in addition to clause No. 14 of ITB.

4. SITE VISIT: (Superseding Cl. # 5.0 of ITB)

Bidders are strongly advised to inspect and assess the site conditions and its surroundings at their own cost and satisfy themselves before submitting their bids. The prospective bidders are advised to depute their technical experts with authorization letter to visit, assess and examine the conditions, requirements, nature & quantum of work and locations of installations which may be necessary for the purpose of bidding and submit a realistic offer for the successful execution of the work. In general, they shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A Bidder shall be deemed to have full knowledge of the site whether he/she inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Bidders shall submit a realistic offer for the execution of the work at their own cost without any liability on Paradip Port Authority (PPA).

Submission of a bid by a bidder implies that he/she has read the Tender document and has made himself / herself aware of the terms & conditions and scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of work.

5. Public Procurement (Preference to Make-In-India):

In line with Public Procurement (Preference to Make-In-India), Order 2017 & its amendments issued by Govt. of India & with a view to support the Indian Industries, the following "Purchase Preference Policy" is applicable for the Class-I Local Supplier in this tender subject to the following terms & conditions:-

- (a) The subject work falls under not divisible category.
- (b) The offers sought only from Class-I local suppliers.

5.1 Definitions:

(i) Local Content means the amount of value added in India (i.e., indigenous items / services added in the offered products / services / works) be the total value of the item offered (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties / IGST) as a proportion of the total value (excluding net domestic indirect taxes), in percent.

(ii) Class-I Local Supplier: means a supplier or service provider whose goods, services or works offered for procurement meets the minimum local content. The local content requirement for class-I supplier is minimum 50%.

(iii) 'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

(iv) 'Margin of Purchase Preference: means the maximum extent in which the price quoted by a Class-I local Supplier, may be above the L1 for the purpose of purchase preference.

Works mean all works as per Rule 130 of GFR 2017 and will also include turnkey works.

5.2 Eligibility of Class-I Local Supplier and Class-II Local Supplier:-

(a) In procurement of all goods, services of works in respect of which the Nodal Ministry / Department has communicated that there is sufficient local capacity and local competition, only Class-I Local Supplier as defined under the Order shall be eligible to bid irrespective of purchase value.

(b) Only Class-I Local Supplier as defined under the Order shall be eligible to bid in procurements undertaken by procuring entitles.

5.3 Purchase Preference:

The Class-I Local Supplier shall get purchase preference as per the following procedure:-

(i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is Class-I Local Supplier, the contract will be awarded to L1.

(ii) If L1 is not Class-I Local Supplier, the lowest bidder among the Class-I Local Suppliers will be invited to match the L1 price subject to Class-I local Supplier's quoted price falling within the margin of purchase preference (i.e., up to 20%) and the contract shall be awarded to such Class-I Local Supplier subject to matching the L1 Price.

(iii) In case such lowest eligible Class-I local Supplier fails to match the L1 price, the Class-I local Supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the Class-I local Suppliers within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

5.4 Verification of Local Content:

(a) The Class-I Local Supplier at the time of tender bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for Class-I Local Supplier. They shall also give details of the location(s) at which the local value addition is made.

(b) In case of a complaint received from any local supplier indicating a need for review / verification of local content of successful vendor / awarded vendor, for accepting a complaint from such complainant (w.r.t. the false declaration given by the successful vendor on the local content), a complaint fee of Rs.2 Lakhs or 1% of the locally manufactured items being procured (subject to a maximum Rs.5 Lakhs), whichever is higher, to be paid by demand draft by the complainant. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.

(c) False declarations will be in breach of the Code of Integrity for which a bidder or its successors will not be eligible and will be debarred from further tenders / pending tenders for two years along with such other actions as may be permissible under law. Further, in case the violation / false declaration established at later stage (during execution of works), a penalty amount up to 2% value of the order / contract will be deducted from claimed amount of the Contractor along with debarment & forfeiture of security deposit.

A Supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for purchase preference for procurement for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.

The bidder must fill up the Annexures on preference to Make in India, as attached to Vol-II of the tender document and enclose the same in technical bid failing which the bid may not be considered.

(Preference to Make in India)

Model Certificate for Tenders

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I hereby certify that this bidder is not from such a country and is eligible to be considered."

Authorized signatory

(Name of the Firm entity)

(Preference to Make in India)

Model Certificate for Tenders

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country, or if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [where applicable, evidence of valid registration by the Competent Authority shall be attached].

Authorized signatory

(Name of the Firm entity)

(Preference to Make in India)

Model Certificate for Tenders for Works involving possibility of sub-contracting

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country, or if from such a Country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [where applicable, evidence of valid registration by the Competent Authority shall be attached].

Authorized signatory
(Name of the Firm entity)

ANNEXURE-IV

(Preference to Make in India)

Model Certificate for GeM

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this vendor/bidder is not from such a country, or if from such a country, has been registered with the Competent Authority. I hereby certify that this vendor/bidder fulfils all requirements in this regard and is eligible to be considered for procurement on GeM. [where applicable, evidence of valid registration by the Competent Authority shall be attached].

Authorized signatory
(Name of the Firm entity)

ANNEXURE-V

**Local content Declaration & Self Certification as per the Government of India
Order towards Public Procurement**

(Preference to Make in India)

vide Letter No. P-45021/2/2017-PP(BE-II)(revised) Dated 16.09.2020.

(TO BE PROVIDED ON BIDDERS COMPANY/FIRM LETTER HEAD)

I, _____ [Name of the person(s)], S/o. _____ at _____ (Address) working as _____ (Designation and name of the firm/Company/Partnership/Joint Venture) and I have been authorized to sign the Declaration / Self Certification on behalf of firm/Company/Partnership/Joint Venture do hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the policy of Government towards Public Procurement (preference to Make in India) vide Letter No. P-45021/2/2017-PP (BE-II) (revised) Dated 16.09.2020.

That the information furnished hereafter is correct to be of my knowledge and belief and I understand to produce relevant records before the procuring entity or any authority so nominated for the purpose of assessing the Local Content.

That the local content for all inputs which constitute the said equipment has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the domestic value addition of the product mentioned herein is found to be incorrect and not meeting the prescribed value addition norms based on the assessment of an authority so nominated for the purpose of assessing the Local Content, action will be taken against me as per the notification P-45021/2/2017-PP (BE-II), (revised) dated 16.09.2020.

I agree to maintain the following information in the company's record for a period of 8 years and shall make this available for verification to my statutory authority.

The details of the location(s) at which the local value addition is made

- (i) Name and details of the Domestic manufacture;
- (ii) Date on which this certificate is issued;
- (iii) Product for which the certificate is produced;
- (iv) Percentage of local content.

Signed by me at _____ on _____.

Authorized Signatory
(Name of the firm entity)

Format of Certificate for tenders from Goods/Services/Works under Rule 144(xi) in the general Financial Rules (GFRs), 2017

To

(Name and address of tender Inviting Authority)

DECLARATION BY AUTHORISED SIGNATORY OF THE FIRM

Dear Sir,

Ref: Your Tender No. _____ dated _____.

I/We the undersigned, _____(full name), do hereby declare, in my capacity as _____of M/s _____(name of bidder entity) that:

1. I have read the Orders (Public Procurement No. 1, 2 & 3) dt. 23rd July, 2020 & 24th July, 2020 on the subject of Restriction under Rule 144 (xi) of General Financial Rule (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a land border with India.
2. I/We certify that M/s _____(name of the bidder entity)
 - a) is not from such a country, I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. OR,
 - b) is from such a country (strike out whichever is not applicable) and has been registered with Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [where applicable, evidence of valid registration by the Competent Authority is attached].
 - c) I/We the Bidder agree and undertake that if the contract is awarded to us, we will not sub-contract or outsource any work and / or any part thereof to a contractor from such countries, unless such contractor is registered with the Competent Authority and proof of same is obtained. I /We hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered and I/we submit the proof of registration herewith. [wherever applicable, evidence of valid registration by the Competent Authority shall be attached].
 - d) I understand that the submission of incorrect data and / or if certificate / declaration given by M/s _____(name of bidder/entity) found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per Clause 12 of Public Order on Restriction under Rule 144(xi) of the general Financial Rules (GFRs), 2017.
 - e) This declaration cum undertaking is executed by us through our Authorized Signatory/i.e. after having read and understood the Office memorandum and Order (Public Procurement no. 1, 2, & 3) dated 23rd and 24th July, 2020 of Ministry of Finance, Department of Expenditure, Public Procurement Division, Government of India including the words defined in the said order which shall have the same meaning for the purpose of this declaration cum undertaking.

Executed at _____on this the _____day of _____

**By Authorized signatory
(Signature and Name)**

Seal of the Bidder

Note: Where applicable, evidence of valid registration by Competent Authority shall be attached.

6. BID PRICES (SUPERSEDING CLAUSE # 10.0 OF ITB):

No price escalation shall be admissible for this contract.

7. DATE OF COMMENCEMENT & COMPLETION OF WORK:

PPA is in process of a new tender for the work "Design, Supply, Installation, Testing & Commissioning of One (01) no. of column type Telescopic Gangway at north oil Jetty along with Comprehensive Operation & Maintenance for a period of Five Years".

The Operation & Maintenance activities for subject tender i.e. **"Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW"** will be commenced within 15 days from the date of issuance of Work order. Date of completion shall be for a period of 02 years or till finalization of the tender of column type TGW. **The contractor shall be informed in written 60 days prior to termination of contract.**

8. PAYMENT TERMS: (In addition to Clause No.10 of GCC of Vol-1)

100% payment for operation and maintenance shall be done at the monthly rate quoted by the contractor in the Bill of Quantity on successful completion of the Operation and Maintenance in the previous month. For incomplete months, the payment shall be made on pro-rata basis taking in to account 30 days in a month, irrespective of the number of days in that month. This pro-rata calculation is applicable for the start month and the ending month only. That is, only if Operation and Maintenance start the first date of a month or if it is terminated / closed before last date of a month, pro-rata calculation shall apply.

The Security Deposit as per clause No. 14.0 of ITB will be effected and it will be returned to the Contractor within 45 days of successful completion of Operation and Maintenance of the System.

No PSD is applicable for this work.

9. Extra Additional Security Deposit (EASD) & Its Calculation:

Over and above the E.M.D, tenderer quoting the rebate more than 15% on the cost of work put to tender shall have to pay an 'Extra Additional Security Deposit' (E.A.S.D) separately. EASD wherever applicable will be collected from the successful bidder along with the Initial Security Deposit (ISD) after issuing the Letter of Intent (LOI). Back-out from the offer by the participating bidder after opening of Technical Bid (in case of two stage bid) or price bid (in case of single stage bid) OR non deposit of EASD by the successful bidder will liable for forfeiture of EMD and suitable action shall be taken up against the bidder as per decision of competent authority of PPA. EASD may be accepted in form of Demand Draft/Bankers Cheque/Bank Guarantee in favour of Paradip Port Authority, IFSC: ICIC0000776, Branch: Paradip and must be drawn on any scheduled Bank located at Paradip.

Extra Additional Security Deposit (E.A.S.D) = $\frac{A}{100}$ x cost of work put to tender

Where A = Percentage rebate quoted on the cost of work put to tender by the tenderer minus 15% (Fifteen%).

Example: If the tenderer desires to quote percentage rebate 25% (Twenty five) percent, then the Extra Additional Security Deposit (E.A.S.D) shall be worked out as under.

E.A.S.D Amount = $\frac{(25 - 15)}{100} \times \text{cost of work put to tender.}$

100

- Note :
1. The Demand Draft/ Banker's Cheque / Bank Guarantee shall be initially valid up to scheduled completion and subsequently be extended up to actual completion.
 2. The E.A.S.D will be released on satisfactory completion of the work.

10. ACCIDENTS & DAMAGES: -

In case of any accident caused to any person including the bidder's or Port's workmen or damage to any property in the course of the execution of the contract, the bidder will be solely responsible for payment of Compensation, Medical aid, etc. In case, the bidder fails to pay the compensation within a reasonable time as decided by EIC and contractor mutually, where the damage occurs within the Port area, the Port may settle the claims and arrange to recover the same from the bidder. The bidder shall be solely responsible for any accidents to his/her employees, Port's employees, or the public, from any cause whatsoever and he shall indemnify the PPA against any damage to property or injury to person resulting from any such accidents and shall take steps to properly insure against any claims. PPA shall not have any connections whatsoever in this connection against any proceedings /actions by any Government /Departments of Governments, etc.

11. SIGNING OF CONTRACT (In addition to Clause No. 30.0 of ITB):

Within 30 days of issue of Letter of Intent (LoI), the contractor shall furnish – (i) Required Non-Judicial Stamp Paper; (ii) Initial Security Deposit (ISD); and (iii) Bar Chart, etc. as per the Tender Condition. Then, the formal Work Order shall be issued and the Contract Agreement shall be signed.

If the Contractor fails to submit the Initial security Deposit within the above stipulated time, **the contractor shall give a written request and deposit an additional security deposit/BG of 5% over the original security deposit/BG value within 15 days.**

Further, If the Contractor fails to submit the Initial security Deposit within the above 45 days, **the contractor shall give a written request and deposit an additional security deposit/BG of 10% over the original security deposit/BG value in addition to above 5% (i.e. total 15% extra) within 15 days.**

If the contractor fails to deposit ISD/EASD even within the extended period of 30 days after the scheduled date as mentioned in Letter of Intent (LOI), his bid shall be summarily rejected and the bidder will be debarred from participating PPA tenders for a period of 2 years apart from forfeiting his EMD. In case of MSME bidders, as there is no EMD, MSME Authority will be informed for necessary action at their end.

12. AVAILABILITY OF THE SYSTEM:

The contractor shall ensure that the system meets 100% of the demand raised by Marine department of Paradip Port (The system shall be ready for operation on getting 15minutes notice from the signal station of Paradip Port Authority). The contractor shall post a responsible person at Paradip to co-ordinate with Paradip Port Authority. The system shall be manned by the contractor for operation on 3 shift basis and 365 days a year. The contractor may take shut-down of the system for maintenance only after getting advance written clearance from the EIC in manually agreed format.

13. DEDUCTION FOR DEFAULT:

The contractor shall ensure that 100% demand is met. In case the system is not made ready within 15 minutes of getting the notice from signal station of Marine Department, it shall be treated as a default and deductions as under shall be made from the bills of the contractor for each default:-

Delay for more than 15 minutes and up to 2 hrs.	: Rs.10, 000/-
Delay for more than 2 hrs. and up to 12 hrs.	: Rs.20, 000/-
Delay for more than 12 hrs. and up to 24 hrs.	: Rs.30, 000/-
Delay for more than 24 hrs. and up to 36 hrs.	: Rs.1, 00,000/-

N.B.: If the number of such defaults exceeds 04 occasions in any month, then Paradip Port shall have the right to terminate the contract and forfeit the security deposit.

Delay for more than 36 hrs. : Contract may be terminated and Security Deposit may be forfeited.

The communication, between the signal station and the in-charge of the contractor looking after the operation and maintenance of the system, shall normally be made over telephone and recorded at both the ends on a mutually agreed format clearly indicating the date, time, name of the person etc.

14. The work must be executed observing all the statutory requirements and the price offered must be inclusive of all other incidental charges and must be firm price excluding GST.

SCOPE OF WORK

Name of the Work: Operation & Maintenance of Telescopic Gangway (TGW) at North Oil jetty.

The objective of this work is to take up Operation and Maintenance of Telescopic Gangway (TGW) installed at North Oil Jetty of Paradip Port on round the clock basis & 365 days in a year with supply of all spares, Consumables and manpower. The technical specification of installed Telescopic Gangway is under:

1.0 TECHNICAL INFORMATION:

1.1. SITE DATA & SIZE OF TANKERS TO BE HANDLED:

Site Data : Location– Paradip, Orissa, India (Lat: 20° 16'N, Long: 86° 41'E)
Berth No. : North Oil Jetty

The sizes of Tankers to be handled are as given below:

LOA : 140 – 275 mtrs.
Beam : 25-50 mtrs.
Fender Width : 1.5 mtrs.
Vessel Size : 125000 DWT.

1.2. TECHNICAL PARAMETERS OF TELESCOPIC GANGWAY:

Make & Model: M/s. JINGSU CHANGLONG TECHNOLOGIES CO. LTD. & BL4

Year of Commissioning: 2015

a) General:

- Working range : Above jetty face 18m, below jetty face 1m;
- Design load of GA : The hanging ladder is limited to 6 people (Uniform total load: 600 Kg);
- Wind speed under working status : 20m/s
- Max. wind speed under non-working status : 50m/s
- Lift device : lifting length 17m, lifting speed 4m/min.
- The breadth of hanging ladder : ≥ 600 mm;
- Pitching device : Pitching angle range: -30° $\pm 15^\circ$
- Rotating device : Slewing angle range $\pm 90^\circ$

b) Hydraulic systems:

- Motor power : 4kw
- Oil pump working pressure : 16 Mpa

c) Main ladder pitching mechanism:

- Classification group : M4
- Pitching angle : -30° $\pm 15^\circ$
- Type : double oil cylinders amplitude modulation

d) Rotating mechanism:

- Classification group : M4
- Rotating speed : 0.27 r/min
- Rotating angle : -90° $\pm 90^\circ$

e) Telescopic ladder position adjustment mechanisms:

- Type : Single oil cylinder position adjustment
- Adjusting length : 0 \pm 4m

f) Electric system:

- Anti-explosive grade : EXd IIB T4
- Protect grade : IP65
- Voltage range : 3P 415V 50Hz
- Insulation class : F

g) Motor Assembly & Electrical Panel:

- The motor assembly & Electrical Panels have the following specifications:
- Operating voltage : 415V/3PH/50c/s, 220V/1PH/50c/s
- Protection : IP 65
- Insulation class : F
- Heater : Yes
- Rated Working Time (approx.) : 1 Hour

2.0 STRUCTURE DESCRIPTION:

- Type : Electric-hydraulic tower gangway
- Operational type : Manual push-button and remote control
- Basic configuration : Tower, stairs and handrails, lifting-driving mechanism, slewing driving mechanism, electric control system, hydraulic control system, pitching oil cylinder, hanging ladder and other accessories.

The hanging ladder adopts telescopic type with self-levelling steps. The whole hanging ladder and platform can rotate to suit various service conditions. Position of the hanging ladder may be adjusted to suit floating movement of ship. The whole hanging ladder may rotate appropriately to satisfy arrangements of different ship decks. When operating, the hanging ladder will be lifted by lifting driving mechanism and locked by the safety hook, to avoid slipping down. When strong wind occurs or it is in non- operation and maintenance for a long time, the hanging ladder shall be placed on platform of wharf.

a) Hanging ladder:

The hanging ladder is composed of bulwark ladder, main ladder and telescopic ladder. Each ladder is hinged to each other and equipped with rolling bearings. The bulwark ladder is composed of supporting frame and rolling wheels. The hanging ladder is made of low alloy steel by welding. The stepping board adopts Al-alloy flower pattern board and steel frame work and other steel frame adopts plain carbon steel. Construction and manufacture follows the corresponding national standards and norms of steel structure construction and welding.

b) Pitching oil cylinder:

Pitching oil cylinders provide the power of pitching movement. It is reliable and safe. When the tide and the vessel go up and down, the oil cylinders adjust automatically to follow the vessels' movement, so as to ensure the bulwark ladder consistently landed on the vessel.

c) Slewing-Driving mechanism:

The slewing driving mechanism uses oil motor, standing planetary reducer and rotating support to achieve the purpose of rotation.

d) Tower:

Tower is the main supporting structure of gangway, all other equipment such as hanging ladder, lifting-slewing mechanism, hydraulic unit, pulley assembly etc. There are two H-beam orbits in the front of the tower to ensure the lifting-slewing mechanism move upward and downward stable. Tower is mainly made by square pipe and H-beam steel and painted by anti-corrosive marine paint for better prevention of marine salt spray corrosion. Tower is located with the static earthing, grounding resistance to meet the relevant specifications.

e) Lifting-Slewing mechanism:

The lifting-slewing mechanism can be moving along the orbit in the front of the tower. It is driven by the lifting driving mechanism so that the hanging ladder which connected with it can move upward and downward along.

f) Lifting driving mechanism:

The lifting driving mechanism provides the driving force for lifting movement and when the lifting-slewing mechanism reach to an appropriate height then the brake will work to prevent it sliding down.

g) Hanging ladder:

The hanging ladder is a passage for personnel from the lifting mechanism to vessel deck. It can endure the even load 600 kg. The main material is Al-alloy LF5 to achieve anti-corrosion, lightweight and high strength. All are designed in compliance with ISO5488-79. The whole body of the ladder will have anodic treatment. The hanging ladder consists of main ladder, telescopic ladder and bulwark ladder. The bulwark ladder can always keep level and there are three universal wheels equipped on it to meet the vessel oscillating movement and to prevent the bulwark ladder being broken. During operation, the steps of the hanging ladder can always keep level in any position and the hanging ladder can be set in free-wheel state so that it can move freely along with the vessel oscillating and tide changing.

h) Stairs and handrails:

The stairways are the pass ways from the ground to every floors of the tower, all the stairs are made of Al-alloy plates 5052 which are anti-slip and anti-corrosion and the handrails can prevent the personnel falling downstairs.

i) Hydraulic control system:

The hydraulic control system is the power source for slewing driving mechanism, the telescopic ladder and the pitching oil cylinder. It consists of executing component tubes and hydraulic station which equipped with pressure gauge, temperature gauge and magnetic valve etc.

j) Electric control system:

The PLC is being used control the floor light, lifting mechanism upward and downward movement, hanging ladder pitching and telescoping, audible and visual alarm etc. It mainly includes control cabinet, PLC, anti-explosion junction box, alarm, corridor lighting, etc. It complies with IEC requirements and the cable arranges in explosion-proof flexible tube according to IEC standard; protection grade IP65, and the electric control system with internal and external control circuit detection; alarm system adopts sound and light alarm mode. The main informations are displayed on the screen with text and graph.

The control function can mainly be divided into three parts:

- **Lifting slewing mechanism move up and down, turn left and right**
- **Movement control of the hanging ladder**
- **Audio and visual alarm control**

k) Safety protection device

The limit switches are for limit the pitching and slewing movement at a safe range and there is also safety protection device adopted in hydraulic system and electric system.

3.0 OPERATION AND MAINTENANCE:

- i) The Contractor shall have to supply all T&P, Special T&P, all the spares and consumables required during the contract period for satisfactory execution of the work.
- ii) The Contractor shall observe all applicable regulations regarding safety of man and machine. The contractor must obtain prior permission from PPA before executing any maintenance work, such as gas cutting, welding or any civil works.
- iii) The Contractor shall paint the Telescopic Gangway (TGW) with appropriate anti-corrosive marine paints once in a year from 1st year onwards. However, in case there is signs of corrosion on the TGW at any point of time during the contract period, the Contractor shall have to take immediate steps to check it by applying anti-corrosive paints.
- iv) The Contractor will ensure that adequate spares and consumables items are available in the stock during the contract period to avoid the stoppage of the system due to requirement of spares and consumables.
- v) Efficient Operation & Maintenance: The Contractor must ensure that the systemic operated and maintained in the most efficient manner without sacrificing any safety aspect and giving due regards to the health of the system as well as personnel.
- vi) Personnel: The Contractor shall have to deploy adequate personnel having knowledge and experience in the system so as to discharge all the obligations under the contract efficiently. Contractor shall purchase the required personal protective equipment (PPEs) at their own cost and supply free of cost to the workers engaged by him/her in the work. The workers will not be allowed to work at site without PPE's. The Contractor shall arrange the required valid Port Entry Permits / Gate Passes at their own cost. The Contractor shall have to cover all its workmen under EPF & ESI irrespective of the no. of workmen engaged in the work.

The Contractor must disengaged the workmen immediately in case of indiscipline, misconduct, negligence in duty, suppression of facts, deliberate mishandling of machine & equipment, sabotage, professional in-competency etc. and replace them with due intimation to PPA.

All individuals engaged by the Contractor under this contract shall be the responsibility of the Contractor and their working hours, rates of compensation and all other matters relating to their employment shall be determined solely by the Contractor in accordance with the applicable laws & regulations. The Contractor shall be solely responsible for employment policies that specify the requirements for staff working under him and such policies are to be consistent & in conjunction with the existing applicable labour laws and any government directives applicable on PPA.

- vii) Watch & Ward and House Keeping:

During the contract, watch and ward and house-keeping shall be the responsibility of the contractor at his own cost.

viii) Maintenance Plan:

The Contractor shall prepare a maintenance plan acceptable to PPA and ensure timely maintenance of the system as per the plan. A monthly report is to be submitted by the Contractor on maintenance of the system. While deciding on the schedule maintenance plan, the manufacturer's recommendations should be followed. However, the schedule may be amended later, if necessary and in consultation with the Engineer-in-Charge with a view to make it more appropriate to meet the site needs. Maintenance includes repairs / replacement of defective items or its components of the system.

ix) Breakdown Maintenance:

In the event of any break down maintenance, the Contractor shall put in it's best effort to promptly attend the break down and bring the system to an operating condition as early as possible. If necessary, the Contractor shall arrange and deploy more manpower to reduce the break down period. Also, if the Services of any expert are required, the Contractor shall arrange the same in the most expeditious manner at his own cost. When the system is under break down, the Contractor's workmen shall be deployed for carrying out repairs of system.

x) Maintenance of Records:

The Contractor shall maintain the following records:

- a) Operation Register / Log Book
- b) Scheduled maintenance Register / Log Book
- c) Break Down Maintenance Register / Log Book
- d) Site Inspection Register.
- e) Site Materials Account Register.
- f) Hindrance Register.
- g) Complaint Register.

The format of the above Log Books shall be as per the requirement of the Engineer-in-charge.

xi) Operation Modes:

The Telescopic Gangway system will operate in three shift basis (24 Hrs. a day). The normal shift timings are as follows:

1 st Shift	-	0600 Hrs to 1400 Hrs.
2 nd Shift	-	1400 Hrs to 2200 Hrs.
3 rd Shift	-	2200 Hrs to 0600 Hrs.

Arrival and departure of the staff should be well planned to up-keep the operation and maintenance requirement in tact round the clock.

xii) Monthly Reports:

The Contractor shall submit the following monthly reports in a format acceptable to PPA along with the Bills a) Extract of Operation, b) Extract of Scheduled maintenance, c) Extract of Break Down maintenance d) Spares Consumption Report. Without these reports, Bills shall not be released for payment.

xiii) Report Generation:

The Contractor shall maintain necessary records to indicate the availability and utilization of the system, the system performance, details of repair and maintenance of the system and consumption of spares in the system and submit a copy of the records every month to the Engineer-in-Charge for record and reference.

xiv) Final Inspection, Acceptance and Payment.

The Contractor shall, three months prior to the expiry of the Contract Period, notify PPA in writing to take-over the system. Paradip Port shall make a final inspection within 45 days of receiving such Notice from the Contractor and take over the system on expiry of the Contract. In case of any defect or abnormality, observed during inspection, the same shall be made good by the Contractor at his own cost within a reasonable period failing which, the final payment shall be withheld. Upon receipt of the certificate of final acceptance, the Contractor will make application to PPA for final payment within 30 days. PPA shall make payment to Contractor within 30 days after receiving the final payment application, complete in all respect.

BILL OF QUANTITY (BOQ)

Name of the work: Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW.

Sl. No.	Item Description	Unit	Qty.	Rate (In Rs.)	Amount (In Rs.)
1	Operation & Maintenance of Telescopic Gangway at North Oil Jetty for a period of 02 years or till commissioning of column type TGW as per Scope of Work.	Month	24		
Total					

(Rupees _____) only excluding GST.

N.B. : Having understood the scope of work and terms and conditions of the tender document, we confirm that the above quoted price is a firm price and inclusive of all taxes, duties, cess, transportation, insurance and all other incidental charges and the landing price at Paradip Port Authority but excluding GST.

Date: _____

Sign. of the Bidder