



PARADIP PORT TRUST  
BUDGETARY OFFER  
FOR  
RE-ROUTING OF FIRE FIGHTING PIPELINE & CABLE  
NETWORK AT OIL JETTY.

SUBMISSION ON OR BEFORE 16/01/2018.

THE EXECUTIVE ENGINEER (ELECT.),  
PORT ELECTRICAL DIVISION – I,  
PARADIP PORT TRUST,  
PARADIP, JAGATSINGHPUR,  
ODISHA – 754142  
Contact No. 98612-44414  
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## **REQUEST FOR BUDGETARY OFFER**

### **(A) GENERAL INFORMATIONS:**

<b>Sl. No.</b>	<b>Item</b>	<b>Details</b>
1.	Name of Work	Re-routing of Fire Fighting Pipeline & Cable Network at Oil Jetty.
2.	Department / Organization	ELECTRICAL & MECHANICAL DEPARTMENT / PARADIP PORT TRUST
3.	Executive Division	Port Electrical Division.
4.	Officer Inviting the Offer	Executive Engineer
5.	Immediate Next Authority	Superintending Engineer
6.	Sanctioning Authority	Dy. Chairman, PPT
7.	Executing Authority	Executive Engineer

### **(B) OTHER INFORMATIONS:**

<b>Sl. No.</b>	<b>Item</b>	<b>Date</b>	<b>Time</b>
1	Publication date	09/01/2018	16:45 Hrs.
2.a)	Document download start date	09/01/2018	16:45 Hrs.
b)	Document download end date	09/01/2018	16:45 Hrs.
3.a)	Start date for seeking Clarification on-line	10/01/2018	10:00 Hrs.
b)	Last date for seeking Clarification on-line	14/01/2018	17:00 Hrs.
4.	Date of uploading response to Clarifications sought	15/01/2018	17:00 Hrs.
5.	Offer Submission end date	16/01/2018	17:00 Hrs.
6.	Offer Validity period	120 days	
7.	Currency of Offer	Indian Rupee	
8.	Language of Offer	English	

## Budgetary offer for the Work “Re-routing of Fire Fighting Pipeline & Cable Network at Oil Jetty”.

### SCOPE OF WORK:

- 1) The Contractor shall dismantle existing 16”dia schedule 40 grade MS pipeline (portion of length mentioned in BOQ) of Hydrant and Monitor line including the 4” Hydrant stand post without disturbing other pipelines & installations. The Contractor has to shift these dismantled pipes to new proposed route of pipeline.
- 2) The Contractor shall lay the dismantled 16” pipes atop the concrete pedestal made along the proposed route and the Contractor shall take up all the necessary grinding & welding work for linking of pipes.
- 3) The Contractor shall supply hot dip galvanised channel size of 150mm (L) x 75mm (W) x 6.5 mm(T) with 10 mm thickness base plate of size 300mm(L) x 150mm (W) for provision of guard channel of height 1foot at both side of the pipeline and shall fix it by grouting on the pre-constructed concrete pedestal. The Contractor shall supply require size of bolts & nuts and grouting material for fixing of guard channel of 1ft. height on top of each pedestal for both side of the laid pipelines.
- 4) The Contractor shall remove the 4” Hydrant stand posts (quantity as mentioned in BOQ) from the existing pipeline to be rerouted and re-install the same & link these hydrant posts with the 16” Hydrant pipeline on the proposed route with necessary flange bolting & welding works.
- 5) The Contractor shall remove the existing Manual Gate Valves as mentioned in the BOQ and refit the same with the pipelines on the proposed route.
- 6) All the equipments like Hydra crane, excavator, cutting tools, welding accessories, grinding machine and other tools, material & Labour etc. which are required for shifting & relocating the pipes, valves etc. shall be arranged by the Contractor at his own cost.
- 7) The Contractor shall make Gate passes at his cost for their workmen and for self to enter in to the Port Prohibited area for execution of work.
- 8) After completion of pipeline laying in new route, the Contractor shall apply paint to the pipelines with Epoxy paint as per the following procedure.
  - (i) Surface preparation such as cleaning, removal of dust, oil, grease and rust, etc.
  - (ii) Application of two coat surface tolerant self priming epoxy coating of 100 microns DFT.
  - (iii) Then with a coat of high build micaceous Iron oxide of 100 microns DFT.
  - (iv) Then with one coat of intermediate epoxy coating of 100 microns DFT.
  - (v) Application of modified polyurethane paint of 50 microns DFT.
- 9) The Contractor shall lift the existing 20 nos. cables by excavating the earth. The sizes & length of cables are:
  - (i) 12C x 2.5 sq.mm (01 no.) of length 350 mtr.
  - (ii) 3C x 2.5 sq.mm (09 nos.) of length 3,150 mtr.

- (iii) 4C x 25 sq.mm (02 nos.) of length 700 mtr.
- (iv) 3.5C x 50 sq.mm (05 nos.) of length 1,750 mtr.
- (v) 3.5C x 120 sq.mm (02 nos.) of length 700 mtr.
- (vi) 3.5C x 185 sq.mm (01 no.) of length 350 mtr.

The Contractor has to excavate the earth carefully in order to avoid any damage to the existing cable as these are laid in a single trench. The Contractor shall shift these cables and lay along the new route by making kutchha cable trench at a depth of to size 750 mm depth x 300 mm width.

- 10) The Contractor shall repair/joint the damaged portion of the existing cables if any damaged occurred while retrieving the existing cables at his own cost. The Contractor shall backfill the cable trench after relaying of all the cables.
- 11) The Contractor shall disconnect the cables (as mentioned in BOQ) from supply source prior to retrieval of power/control cables and re-connect the same after relaying of cables.
- 12) If any damage occur to the other Installation during execution of the relocating work, it shall be made good by the Contractor at his own cost.
- 13) The Contractor shall execute the work in co-ordination with the Engineer-In-Charge (EIC) of the work.
- 14) The Contractor shall test the fire fighting pipeline system and cabling network to the satisfaction of the EIC.

## **Other Commercial Conditions:**

### **1) Payment Terms:**

The payment will be made as follows:

- i) 90% of cost of materials and installation & commissioning charges will be paid after successful commissioning of the rerouting work & acceptance thereof by the Engineer-In-charge (EIC).
- 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 one month after expiry of the warranty period in which case the balance 10% money will be released for payment.

### **2) 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 which 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. The BG shall be valid till 45 days after the scheduled date of completion of the work.

### **3) Execution Period:**

The execution period of the work shall be 60 days from the date of issue of LoI.

4) **Warranty:**

The warranty period shall be valid up to 01 (One) year on the entire work inclusive of the supply items with effective from date of acceptance of the work.

- The Contractor shall warrant the Board that the goods and services under this contract will comply strictly with the contract, shall be first class in every particular case and, shall be free from defects. The Contractor shall further warrant the Board that all materials, equipment and the supplies furnished by him/her will be new and fit for their intended purposes.
- The Board shall promptly notify the Contractor in writing of any claim arising under this Warranty. Upon receipt of such notice, the Contractor shall promptly repair or replace the defective goods and/or services at no cost to the Board.
- If the Contractor, having been notified, fails to remedy the defects in accordance with the contract, the Board may proceed to take such remedial action as may be necessary, at the Contractor's risk and cost.

5) **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 its intended purpose and can be used by the purchaser for that purpose.

## BILL OF QUANTITY

**Sub.:** Re-routing of Fire Fighting Pipeline & Cable Network at Oil Jetty.

Sl. No.	Description of Work	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)	Remarks
1	Dismantling and removal of 16" pipe from existing Monitor and Hydrant pipeline & shifting the same to new proposed route as per scope of work.	500	Mtr.			
2	Laying of the dismantled 16" pipeline on pre-constructed concrete pedestal and linking of pipes by welding in the new route as per scope of work.	500	Mtr.			
3	Supply of hot dip galvanised channel of size 150mm x 75mm x 6.5mm welded with 10mm thickness base plate of size 300mm x 150mm and 2nos. Of GI foundation bolts & nuts for provision of guard channel of height 1ft. at both side of pipeline.	120	Nos.			
4	Laying of the dismantled 16" pipeline on concrete pedestal and linking of pipes by welding in the new route as per scope of work.	500	Mtr.			
5	Fixing of guard channel by grouting on top of the pedestal.	120	Nos.			
5	Dismantling of existing hydrant post, reinstallation and linking with hydrant pipeline on the proposed route including necessary welding works.	6	Nos.			
6	Dismantling and refitting of the existing manual gate valves.	2	Nos.			
7	Painting of the pipeline as per scope of work.	300	Sq.Mtr.			
8	Lifting and removal of existing cables by excavation of earth as per scope of work.					
(i)	Control cable 12 C x 2.5 sq.mm (01 no.).	350	Mtr.			
(ii)	3C x 2.5 sq.mm copper cable (09 nos.).	3,150	Mtr.			
(iii)	4C x 25 sq.mm Aluminium Cable (02 nos.).	700	Mtr.			
(iv)	3.5C x 50 sq.mm Aluminium Cable (05 nos.).	1,750	Mtr.			
(v)	3.5C x 120 sq.mm Aluminium Cable (02 nos.).	700	Mtr.			
(vi)	3.5C x 185 sq.mm Aluminium Cable (01 no.).	350	Mtr.			

Sl. No.	Description of Work	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)	Remarks
9	Shifting and re-laying of above cables by making kutcha cable trench as per scope of work.	7,000	Mtr.			
10	Disconnection and reconnection of control cables/power cables (above mentioned 20 nos) as per scope of work.	20	Nos.			
<b>TOTAL:</b>						

**NOTE:-**

- GST percentage to be mentioned extra against each item.
- Any query in this regard may be raised to the following email id prior to dt.14/01/2018 up to 17:00 hrs, which will be clarified by dt.15/01/2018 by uploading in the website for facilitating submission of a competitive budgetary offer.
- Budgetary offers shall be submitted through email or by Registered Post in the address mentioned below:

Executive Engineer (Elect),  
Port Electrical Division - I,  
Paradip Port Trust.  
PO: - Paradip,  
Dist: - Jagatsighpur  
Odisha – 754142  
Contact No. 98612-44414  
Email Id: [skbhoippt@gmail.com](mailto:skbhoippt@gmail.com)