

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotation no.CME/XEN(E-P)/CONTRACT-02/2017



An ISO 9001 : 2008 Port
ISPS CODE Compliant

QUOTATION
FOR
Construction of a shed for Transformer at Headland Substation

Due at 14.00 P.M. 21.03.2017

Website : www.mptgoa.com

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in a sealed cover from authorized firms duly superscribed as **QUOTATION FOR "Construction of a shed for Transformer at Headland Substation"**

Details about Quotation:

Quotation invited by	CHIEF MECHANICAL ENGINEER, MORMUGAO PORT TRUST
Quotation No.	CME/XEN(E-P)/CONTRACT-02/2017
Name of Work	Construction of a shed for Transformer at Headland Substation
Tender Cost	Rs.500/- in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the tender.
Security Deposit	5% of PO value will be retained from the final bill.
Completion Period	The work should be completed within 30 days from the date of receipt of the LOI/PO.
Liquidated Damages	For delay in supply/work Liquidated Damages, equivalent to 1% of the total contract value/per week or part thereof subject to maximum 5% are liable to be deducted from any moneys due or become due to the Contractor
Payment terms	100% payment will be made within 30 days after satisfactory completion of work on producing invoice complete in all respect. The contractor shall furnish their bank account number PAN card, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.
Bid Validity	30 Days from the date of opening of the quotation.
Guarantee Period	1 Year from the date of commissioning
Date of submission of bids	21.03.2017 till 14:00 Hrs.
Date of Opening of bids	21.03.2017 at 14:30 Hrs
Address for communication and submission of bid:	Executive Engineer (E-P) 2 nd floor A.O. Bldg, Headland Sada, Engineering Mechanical Dept., Mormugao Port Trust, 403804.
Contact Details	Phone :0832-2594208/10; Email : xenpw.mgpt@gmail.com
Website	www.mptgoa.com

CHIEF MECHANICAL ENGINEER
MORMUGAO PORT TRUST

SCHEDULE – “A”

1. SCOPE OF WORK

Mormugao Port Trust proposes to upgrade Substation at Headland to provide power supply to STP. It is necessary to relocate the existing 500KVA, 11KV HT transformer outside the substation by constructing a shed (4.6 m X 4 m) adjacent to the wall of the existing substation as per details in the enclosed Bill of Quantities (BOQ) and drawing.

2. TECHNICAL SPECIFICATION

- a) The work shall be carried out as per the BOQ attached with the tender and in consultation with the Civil Engineering Department of MPT
- b) Construction of a shed 4.6 m X 4 m adjacent to the wall of the existing substation as per BOQ
- c) Construction of a concrete foundation of size 2m x 2m x 0.15 m for installation of existing 500KVA, 11KV HT transformer. Foundation of Transformer shall be made as per the relevant IS standards.
- d) Extension of trenches of size 06 x 0.9 m from existing substation to the shed for laying of transformer cable as indicated in the drawing covered with M. S. chequered plates. Necessary angle/channel for supporting the plates shall be supplied and installed by the Contractor
- e) Storage arrangements for all materials and tools and plants shall be made by the contractor at his own cost.
- f) Transportation, dumping and leveling of dismantled materials, shall be done by the contractor at his own cost within the distance of 3 Km or as directed at site. In case of failure of shifting of materials from site immediately after completion of work, the same will be carried out by engaging departmental labour or some other agency at the risk & cost of the contractor.
- g) Contractor shall provide all necessary tools and plants and protective devices and take safety measures etc. as required and follow all safety procedures
- h) Quantities showed in schedule of quantities are approximate which may vary, depending upon the site condition. Payment will be made as per the site measurement and due approval of variation statement. .
- i) All materials to be used in the structure shall be conforming to relevant ISI specifications or as specified in the Tender Schedule and only approved materials/approved brand of materials shall be used.

Note: The tenderer shall quote strictly as per ‘schedule A1’.

PRICE SCHEDULE

Name of the work: Construction of a shed for Transformer at Headland Substation

Sr. No	Description	Unit	Qty	Unit Rate in (Rs.)		Amount in (Rs.)
				In fig.	In words	
1	Excavation in hard rock laterite boulders interspersed with murrum etc. including removal of obstructions such as small trees, vegetation etc. and removal of excavated material upto a lead of 50m and a lift of 1.5m including refilling foundation trenches. All labour and material etc. complete	m ³	4.90			
2	Providing soling of consolidated thickness 230mm, below footings, wall foundation, under flooring, etc. to the required thickness as shown in drawing using 100 to 200mm (avg.) size hard laterite rubble stone including breaking to the required size, laying to necessary levels, hand packing, filling interstices with small stone chips/spalls, required binding materials, watering copiously, ramming, consolidating, all lifts and leads, etc. as directed. All materials, equipment, tools & plant, labour, etc. complete	m ³	24.80			
3	Providing and laying C.C. (1:3:6) using 20mm graded aggregate all mixing placing ,levelling curing,lines and levels All labour and material etc. complete.	m ³	1.00			
4	Constructing masonry in Foundation using precast cement concrete solid blocks having a crushing strength of not less than 35kg./cm ² (28 days curing) with a mix not leaner than (1:5:10) in cement mortar (1:6) including providing specially moulded blocks at junctions & corners, curing etc. All labour & material etc. complete	m ³	1.5			

5	Earth filling in plinth and under flooring with suitable available excavated earth including depositing in layers not exceeding 20 cm., consolidating watering and ramming complete. All labour and material etc. complete.	m ³	44.5			
6	Providing and laying C.C. (1:2:4) using 20mm graded aggregate all mixing placing consolidating ,curing All labour and material etc. complete for flooring	m ³	14.80			
7	Providing & laying floor hardener "M.C. Dreitop Floor hard" on new concrete floor surfaces including making the concrete floor finished smooth to required lines and levels spreading evenly first layer of Dreitop F.H. and floated by wooden or steel trawels, then spreading the 2nd layer of Drietop F.H. in the direction right angle to the 1st layer in proportion as specified by the manufacturer, followed by floating and finishing smooth, providing joints etc. as directed. All labour and material etc. complete.	m ²	18.50			
8	Providing and laying in position (1:11/2:3) Reinforced cement concrete (M20) excluding the cost of centering, shuttering, finishing and reinforcement using 20 mm graded stone agg 20mm nominal size)all mixing placing leveling curing all tools and plant etc complete	m ³	5.80			
9	Providing & fixing shuttering for the column footings, wall footings, footing rafts, etc. of any size and shape including cleaning, oiling, closing, gaps, removing shuttering after concreting, provisions of necessary props, bracings and other supports etc. All labour and material etc. complete	m ²	17.80			

Sr. No	Description	Unit	Qty	Unit Rate in (Rs.)		Amount in (Rs.)
				In fig.	In words	
10	Providing TMT steel reinforcement bars of SAIL, TATA. VIZAG made only (Confirming to IS 1786 of 1986) for RCC work (conforming to I.S. 1786 of 1986) including bending, binding & placing in position in all the floors along with the factory made precast concrete cover blocks of specified sizes whose compressive strength is not less than that of surrounding concrete in the structural member. All tools and plant etc complete	Q	2.90			
11	Supplying & erecting in position structural steel work in single section Using G.I. Pipes Class "B" Incl. Cutting, hoisting, fixing in position and cleaning the surface, painting two coats of approved quality synthetic enamel paint of approved colour/ shade over a coat of redoxide zincchromite primer etc. All labour & materials tools & plant etc. complete.	Q	8.50			
12	Supplying & erecting in position structural steel work in single section (heavy sections more than 34 kg./m) incl. Cutting, hoisting, fixing in position and cleaning the surface, painting two coats of approved quality synthetic enamel paint of approved colour/ shade over a coat of redoxide zincchromite primer etc. All labour & materials tools & plant etc. complete.	Q	4.50			
13	Providing and fixing in position " Galvalume" sheets of TATA/JINDAL or approved make shade as directed by the Chief Engineer. All cutting wastages bending ridge members, fastening with screws as directed for roof as well as cladding	m ²	70.50			

Sr. No	Description	Unit	Qty	Unit Rate in (Rs.)		Amount in (Rs.)
				In fig.	In words	
14	Plastering with C.M. (1:5) 15mm thick in two coats for external surfaces (Backing coat of 10mm & finishing coat of 5mm) including Patches, bays, bands, fluting, scaffolding and cleaning of all dirt, raking out joints, hacking, scrubbing, chamfers, beading, curing, all lifts etc. All labour & material complete	m ²	21.50			
15	Preparing of subgrade for roadwork by excavating in loose or soft soil for an average depth of 15cm in required lines and levels etc. including dressing to chamber, rolling with power roller etc. and removal of surplus excavated material as directed. All labour & material etc. complete	m ²	56.50			
16	Painting walls with waterproof cement paint of approved colour/shade and approved make/quality in two coats incl. preparing the surface, curing, necessary scaffolding, painting of bays, bands, pardsies etc. All labour & material complete.	m ²	10.50			
Total						

(In Words Rupees _____
 _____ only)

Date:

Signature:

Place:

Name:

Address:

Office Seal of firm

Note: The offered rates shall be inclusive of all taxes and duties. Service Tax shall be paid extra as applicable.