



**From:-Office of The Executive Engineer,
EHV(O&M) Division, Kalwa
Brahmaputra Building, 2nd floor,
Power House Complex, Post Box No 4, Airoli,
Thane-Belapur Rd., Navi Mumbai- 400708.
Tel. : 022- 2760 1919, FAX : 022- 2760 1919
CIN No: U40109MH2005SGC153646
Web Site:www.mahatransco.in
E-mail ID – eekalwa@gmail.com**

Ref No.: EE / EHV/ O&M/ KLW/T- / 000442

Date: - 12 MAR 2025

ENQUIRY
(Through MSETCL webpage)

**To,
WHOM SO EVER IT MAY CONCERN**

Sub.: Enquiry for work of Shifting / Diversion / Height raising of 220kV AKP-Nashik & Bapgaon-NTT Global D/C Lines in between existing TL No. 382 to 386 due to infringement of Vasai-Alibaug Multi modal Corridor at Village – Alimghar, Tal. Bhiwandi, Dist. Thane (Chainages – 24+650).
..... **Submission of budgetary offers thereof**

This office has to prepare an estimate for work of Shifting / Diversion / Height raising of 220kV AKP-Nashik & Bapgaon-NTT Global D/c Lines in b/w existing TL No. 382 to 386 due to infringement of Vasai-Alibaug Multi modal Corridor at Village – Alimghar, Tal. Bhiwandi, Dist. Thane (Chainages – 24+650). It is requested to offer your favorable budgetary rate for the subject work as detailed in the enclosed Price estimate.

1. DUE DATE: - The quotations, complete in all respects, duly sealed & super scribed should be submitted to this office on or before due date i.e., Dt. 19.03.25. The published period of enquiry is from 12.03.2025 to 19.03.25.

2. QUOTED RATES: The quoted rates should including T&P and, accommodation etc. also include mobilization & demobilization of manpower & material as required from contractor's base to execution site. labour. Supervisor, vehicles, lodging & boarding of engaged. labour, Tools & Plants, material, and any other services required for the execution of subject work.

Sr. No.	Description	Unit	Qty	Ex work Rate
A	Assessment of Pile Foundation structures under water			
1	Preparing the surface of structural components by chipping off the plaster to expose the concrete to carry out Non-destructive tests.	Sq meter	200	
2	Carrying out Ultrasonic pulse velocity test at the various pre-determined prepared test points on the structural members.			
	a) Pile: between low tide and high tide level	Nos.	200	
	b) Pile: above high tide level	Nos.	200	
	c) Pile: under water	Nos.	200	
	d) Tie beams & pile caps	Nos.	200	
3	Carrying out Half-cell potential test at various pre-determined prepared test points on the structural members.			
	a) Pile: between low tide and high tide level	Nos.	200	
	b) Pile: above high tide level	Nos.	200	


	c) Pile: under water	Nos.	200	
	d) Tie beams & pile caps	Nos.	200	
4	Carrying out Carbonation test at the various pre-determined prepared test points on the structural members.			
	a) Pile: between low tide and high tide level	Nos.	200	
	b) Pile: above high tide level	Nos.	200	
	c) Pile: under water	Nos.	200	
	d) Tie beams & pile caps	Nos.	200	
5	Taking core samples of concrete from structural members to carry out compression test in the laboratory, with methodology conforming to IS 456-2000. Pile: between low tide and high tide level			
	a) Carrying out in situ Concrete core cutt	EA	64	
	b) Core Compression Test & Report	Nos.	64	
6	Re-filling of Extracted core-cuts with Polymer Modified Repair mortar, including all material, labour, tools-tackles, etc. complete.	Nos.	64	
B Strengthening existing Pile Foundations				
1	Removing concrete by impact jack Hammer: Removing and cleaning of existing concrete wearing coat manually with the help of low impact jack hammer without damaging the existing concrete including Cleaning the Surfaces by air jet etc. complete as per directed by engineer-in-charge. (Mode of Measurement surface area of concrete exposed)	Sq.m	800	
2	Drill 12 mm in RCC injecting epoxy resin Providing drilling 12mm dia & 40 mm deep holes in structural member sat the intervals of 150 to 300 mm in staggered manner or as directed by the consultant in RCC structural element including cleaning of holes by air blower prior to fixing nozzles injecting low viscosity epoxy resin KP HP 250 SLV by pressure and ussing mechanized injector gun with accessories till nozzles refuses to accept the grout, etc complete as per directed by engineer-in Charge.	Nos.	400	
3	Cleaning Steel by brush alkaline paint: providing cleaning of existing reinforcement/ structural steel work with wire /rotary wire brush, making the surface free from loose material, dirt etc. complete including applying two coast of alkaline rust paint with primer confirming FEOVRET etc complete as per directed by engineer-in-charge.	Sq meter	1000	
4	Anticorrosive treatment for steel by IPNET RB: providing anticorrosive treatment to reinforcmnt / Structural steelwork by IPNET RB application of two coats with time interval of minimum 4 hours between each coat. The application shall be by brush etc. complete as per directed by engineer-in-charge.	Sq meter	1000	
5	P&A Latex bond coat of ARASEAL/EPIBOND : providing and applying structural grade/latex bond coat of ARASEAL /EPIBOND to surface of concrete to ensure bond between old concrete & new concrete by brush applications per directed by Engineer - in - charge.	Sq meter	1000	
6	Superfluid Micro-Concrete 50mm to 100 mm thk: providing and placing 50-100 mm thick superfluid Micro-Concrete of approved make for repairing exessively damanged areas, including providing and fixing watertight formwork, placing of micro concrete, curing etc. complete as per Manufacturers specifiations and as per directed by Engineer - in - charge.(payment on the basis of Microcrete consumed).	Kg	14400 0	

Non-metallic composite fiber wrapping 3L Providing and strengthening structural elements with non metallic composite fiber wrapping system in three coats comprise of unidirectional carbon fiber sheet (300 GSM) and compatible saturant, by wet layup system including surface preparation, grinding / moulding concrete substrate / Fiberwrapping and sandpasting etc. complete (Mode of measurement : Area of fiber sheet consumed and not on basis of surface area wrapped)	Sq meter	800
Waterproof Acrylic base topcoat 2 bond paper :- providing and applying two coat of ALLTEK top (Acrylic base) as per colour shade card including cleaning, scrapping including warranty on Bond paper for Antifungal, not pigment added, not flaking and highly resistant to ultra violet rays etc. complete as per directed by Engineer - in - charge.	Sq meter	1600

Note :- Please mention that the Labour Cess, GST, transportation Extra

5. **DOCUMENT SUBMISSION:** The bidder should submit all the supporting and accompanying documents required for execution of work in sealed Envelope to this office.
6. **Please note that the said budgetary offer is only for estimate purpose & not considered for any bidding. No work order will be issued based on this Enquiry.**

Thanking you,

Yours faithfully,

**Executive Engineer,
EHV (O&M) Dn., Kalwa.**

- Copy to:** 1) The Manager (F&A), EHV (O&M) Dn., Kalwa.
2) Notice board.