

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
INTRA OFFICE COMMUNICATION

Name of Office	: Executive Engineer, EHV Projects Division,
Office Address	: Admnt. Building, Vidyut Bhavan, 2 nd Floor, Tarabai Park, Kolhapur – 416003.
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Email	: ee3610@mahatransco.in

Ref. : EE/EHV Projects/Dn./Kop/TSS/TS-87/387

Date : 06.04.2021

To,

Sub : Request for providing budgetary offer for FOTE and line differential protection scheme for 110 KV Arawali Road TSS & 132 KV Kankawali TSS.

Dear Sir,

MSETCL (Maharashtra State Electricity Transmission Co. Ltd.) has undertaken the establishment of 132 KV traction S/stn. In Ratnagiri & Sindhudurg District, to release the power supply to the Indian Railway for Konkan Railway Corp. (KRCL) for Railway Traction S/stn. These proposed traction S/stn. shall be made LILO on MSETCL's existing SC lines. The length of, one of the circuit of the LILO line is less than 5 Km. For this circuit the line differential scheme is required to be provided with FOTE equipment at both ends. For this purpose, we request you to provide the budgetary offer as per the scope detailed below.

Sr. No.	Particulars	Quantity
A]	132 KV Kankawali TSS :	
1)	Supply of Numerical line differential relay compliant to IEC 61850 protocol having feature of inbuilt distance protection as per MSETCL specification for retrofitting at MSETCL S/stn. for replacing existing Distance protection relay	1 No.
2)	Installation, Testing & Commissioning for retrofitting of line differential relay at MSETCL's Kankawali S/Stn.	1 No.
3)	Supply of 24 Fiber OPGW cable	500 RMT
4)	Supply of all required accessories and hardwares viz. Terminal Tension & Suspension clamp, assemblies, dead end clamps, pipe holding clamp assemblies, vibration dampers, HDPE pipe etc. suitable for laying OPGW cable on 132 KV Towers.	5 Sets
5)	Supply of FOTE panel at both ends with SDH & EOW speech as per MSETCL specification for differential protection scheme	2 Sets
6)	Supply of Terminal Box, Light Interface units (LIUs) with all required accessories for termination of box incl. connectors, adaptors, patch cords etc. for both ends.	2 Sets
7)	Approach cable ADSS	600 RMT
8)	FOTE installation, testing & commissioning at both ends.	2 Sets
9)	Route survey, Installation, Splicing, Testing & commissioning of 24 Fiber OPGW cable and LIU, multiplexer etc. alongwith all allied work.	600 RMT

B]	110 KV Arawali TSS :	
1)	Supply of Numerical line differential relay compliant to IEC 61850 protocol having feature of inbuilt distance protection as per MSETCL specification for retrofitting at MSETCL S/stn. for replacing existing Distance protection relay	1 No.
2)	Installation, Testing & Commissioning for retrofitting of line differential relay at MSETCL Arawali S/Stn	1 No.
3)	Supply of FOTE panel at both ends with SDH & EOW speech as per MSETCL specification	2 Sets
4)	Supply of Terminal Box Light Interface units (LIUs) with all required accessories for termination of box incl. connectors, adaptors, patch cords etc. for both ends.	2 Sets
5)	Approach cable ADSS	600 RMT
6)	FOTE installation, testing & commissioning at both ends.	2 Sets

The suppliers of the above relays / materials should be approved vendors of MSETCL.. It is suggested to carry out the site visit for more details, if required.

For any clarification in this regard please feel free to call the undersigned. Your immediately response is requested.

Thanking You.

Yours faithfully,


(D.M. Mahajan)
Executive Engineer,
EHV Projects Dn., Kolhapur.
(Mob. No. 8411001711)

Copy s.w.rs. to :

- 1) The Supdt. Engineers, MSETCL EHV PC Kolhapur
- 2) The Supdt. Engineers, MSETCL TCC Karad

Copy f.w.cs. to :

The Executive Engineer, Testing Division, Kolhapur.

M/F