MAHATRANSCO
Maharashtra State Electricity Transmission Co. Ltd.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
CIN No.U40109MH2005SGC153646

From:	To,
The Executive Engineer, EHV(O&M) Division, Kalwa Bramhaputra Building, 2nd floor, Power House Complex, Post Box No 4, Airoli, Thane-Belapur Rd., Navi Mumbai- 400708. E-mail ID – ee7120@mahatransco.in/ eekalwa@gmail.com, Website : www.mahatransco.in	As per mail list

No.EE / EHV/ O&M/ KLW/Tech/ CL 1761 dt. 19.12.2019

Sub.:- Enquiry towards submission of "Budgetory offer for the work of replacement of existing 0.3 Goat ACSR conductor by HTLS conductor along with necessary hardware of 100KV Padgha-Bhiwandi 1&2 D/C line by Live line method of one circuit and off line method of second circuit under EHV O&M Division Kalwa.

Dear Sirs/Madam,

MSETCL is intending to replace existing 0.3 Goat ACSR conductor by HTLS conductor along with necessary hardware of 100KV Padgha-Bhiwandi 1&2 D/C line by Live line method of one circuit and off line method of second circuit as a Pilot Project.

Considering above it is requested to submit your most reasonable & economical budgetary offer for the work of replacement of existing 0.3 Goat ACSR conductor by HTLS conductor along with necessary hardware of 100KV Padgha-Bhiwandi 1&2 D/C line by Live line method of one circuit and off line method of second circuit. The offer should clearly indicate FOR Destination price with all applicable taxes & duties in INR.

The broad Scope of work is as mentioned below;

For Supply:-

Sr. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	467.8 mm² CCC HTLS High Ampacity Conductor ACCC Grosbeak (Including 2.5% jumpers, sag & wastage) (HSN Code 7605)	107.44	km		
2	DTN H/W - 467.8 mm² CCC (HSN Code 7606)	275	EA		
3	STN H/W - 467.8 mm² CCC (HSN Code 7605)	140	EA		
4	DSN H/W - 467.8 mm² CCC (HSN Code 7605) (Including PA Rod, D-shakle etc)	300	EA		
5	SSN H/W - 467.8 mm² CCC (HSN Code 7605) (Including PA Rod, D-shakle etc)	76	EA		
6	Terminal Pad Assy - 467.8 mm² CCC (HSN Code 7605)	60	EA		

7	Vibration Damper - 316.5 mm² CCC (HSN Code 7605)	850	EA		
8	MID SPAN JOINT - 467.8 MM² CCC HTLS COND. (HSN Code 7605)	25	EA		
9	Repair Sleeves - 467.8 mm² CCC (HSN Code 7605)	30	EA		
10	T Clamp Connector - 467.8 mm² CCC (HSN Code 7605)	48	EA		
11	Disc Insulator 70 KN (Antifog)(HSN Code 3901)	6184	EA		
12	Disc Insulator 120 KN (Antifog) (HSN Code 3901)	6410	EA		
13	Post Standoff Insulators 132 kV	36	EA		
14	Post Standoff Insulators 220 kV	15	EA		
15	ACSR Goat	3.2	KM		
16	Porcelain 120kn insulator AF disks	176	EA		
17	Pistol grip terminations	18	EA		
18	PG clamps	24	EA		
19	Steel wire rope slings 500mm x 16mm	18	EA		
20	Angle iron tower brackets for insulators	29	EA		
	Material for OPGW				
21	OPGW 48F PBT	18.9	KM		
22	Suspension Assembly	36	EA		
23	Tension Assembly at S/S both ends	2	EA		
24	Tension Assembly (For Joint Box Locations)	10	EA		
25	Pass through tension assembly	16	EA		
26	Vibration Damper	176	EA		
27	Down Lead Clamp Assembly	60	EA		
28	Bracket loop at towers and gantry	12	EA		
29	Joint Box 48 F	10	EA		
30	FODP 96 F	3	EA		
31	Approach cable	1	KM		
32	FOTE Equipment with Optical Cards, Tributary Cards & TMN hardware only (2 Base equipment)	1	EA		

For Erection:-

Sr. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Preliminary survey Detail survey and profiling of existing lines using Theodalite /GPS/Total station etc. including measurements of vertical clearance at maximum sag point, verification of statutory electrical clearances, collection of all required documents required for obtaining NOC of railways, highways, other roads, creek, river, PTCC, forest, aviation, proposed development along the exisating route/corridor etc., detailed engineering of existing tower: which comprises 1] Identification of strenthing of tower leg 2] Missing member 3] Indentification of rusted member for replacement etc. & if required location marking by fixing three pegs in alignment for suspension tower and by fixing five pegs in bisection for angel tower, along the centre line of alignment and repeg marking if necessary, approval of alignment.	38	km		
2	Stringing and de-stringing in LIVE line condtion (3 phases i.e. R, Y & B Phase of line per circuit i.e. three conductors with HTLS/High ampacity low sag CCC/CCC Lisbon/Grosbeack OR its equivalent conductor conductor at a time on S/C/D/C)	18	KM		
3	Stringing-CCC High Ampacity Conductor Stringing of 3 phases i.e. R, Y & B Phase of line per circuit i.e. three conductors with HTLS/High ampacity low sag CCC/CCC Lisbon/Grosbeack OR its equivalent conductor conductor at a time on S/C/D/C Tower on dead line having other circuit of D/C line is live/charged including transportation of conductor and required material from store to site locations, laying, paving, jointing, rough sagging, final sagging, clipping, fixing of accessories and hardwares, hoisting of insulators, jumpering etc. on tower complete in all respect by using necessory tension & pullar arrangement including tree cutting, clearances of site as per the directives of Engineer in-charge. The work of dismantiling and restringing of conductors involved in crossing of LT, HT & EHV power lines, railway and river crossing etc is included in scope.	18	km		
4	Dismantling/Destringing of 3Ø ConductorDismantling of 3 phases i.e. R, Y & B Phase of line per circuit i.e. three conductors of existing 0.3 Goat ACSR Conductor and its all accessories safely icluding daamge/broken insulators and transportation of the same from site location to store as directed by Engineer in-charge.	18	km		
5	Destringing of Earthwire and Stringing of OPGW	18	Km		
6	FOTE Installation at both end	1	EA		

It is to mention that, all material should be type tested and as per IEC/ISI standards. It is requested to submit the Budgetary Offers (valid for 6 months) to this office on or before 26th December, 2019 at 11:00 a.m. along with technical specification to this office on mail id: ee7120@mahatransco.in. The tentative period for completion of work may also be communicated.

Anyone other than the list of vendors who fulfills above conditions are also invited to submit their budgetary offer and technical specifications for the same.

Please treat this as MOST URGENT.

Thanking you in anticipation.

Yours faithfully,

Executive Engineer
EHV O&M Dn. Kalwa

Mailing List

1. M/s. APAR Industries Ltd.
2. M/s. Ramelex Pvt. Ltd.
3. M/s. BNC Power Project Ltd.
4. M/s. Ashtavinayak Construction Power Project Ltd.
5. M/s. ABB India.
6. M/s GE T&D India Ltd.
7. M/s Siemens Ltd.
8. M/s Toshiba T&D System India
9. M/s Stelmec India Ltd.
10. M/s Godrej & Boyce Mfg. Co. Ltd in JV with M/s NHVS.
11. M/s TBEA Energy India Pvt Ltd consortium with TBEA ZonFA.
12. M/s Kanohar Electricals Ltd in JV with M/s CHEM.
13. M/s. TGOOD
14. M/s. CGL.
15. M/s. CGL Power Industrial Solutions.
16. M/s. Stelmec Ltd.
17. M/s. Ethos Power
18. M/s. Mavin Switchgear & Control Pvt. Ltd.
19. M/s. Bajaj Electrical Ltd.
20. M/s. EPI.

(This enquiry is also published on our webmaster MSETCL portal for wide publicity)