

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

Name of Office	:	EHV O&M Division Dombivali,
Office Address	:	Office of the Executive Engineer, MIDC Residential Zone - II, P-31 Near New Power House, Dombivali (East) - 421 203
Telephone No.	:	(O) 0251 - 2443823
CIN No.	:	U40109MH2005SGC153646
E.mail ID	:	ee7240@mahatransco.in/ eedombivalim@gmail.com
Website	:	www.mahatransco.in

No.EE/EHV/O&M/Dn/DMB/ **NO 01486**

Date : **09 OCT 2023**

Budgetory offer

Sub. :- Budgetary offer required for supply and installation of 22Kv GIS at 220KV Pal substation under EHV Division Dombivali

Ref:- As per MSETCL Circular no. CE/MSETCL/VSH/F&A/No. 1996 dt. 27.07.2023

Dear Sir,

Please offer reasonable rates for the subject work as per the enclosed schedule 'A'. The detailed scope of works is given below. Please note the following.

RFx Number	Budgetory offer
Submission of Sealed and superscribed Quotations	09.10.2023, 10:00 Hrs to 16.10.2023, 23.59 Hrs.
Last date submission of Quotation	On or Before 16.10.2023, 23.59 Hrs
Quotation opening date	17.10.2023 at 12:00 Hrs. (if possible)
Estimated Cost	

For further details visit our website :- <http://srmetender.mahatransco.in>

Contact Person :- The Add. Executive Engineer, (O) : Phone No. 8554993213

TERMS AND CONDITIONS :-

- 1] SCOPE of Work : Supply and installation of 22Kv GIS at 220KV Pal substation under EHV (O&M) Dn. Dombivali for the year 2023-24 as per the Schedule 'A'.
- 2] The prescribed form i.e Schedule 'A' duly filled in with the rates written in words and figures and signed should be sent by Registered post or in person to The Executive Engineer EHV O&M Division, Dombivali.
- 3] Please Super scribe the offer with the following details :-
 - A] Quotation for :-
 - B] Due Date :-
 - C] Name of the Bidder :-


- 4] Quotations which do not fulfill all or any of the qualifying conditions or are incomplete in any respect are liable to be rejected.
- 5] Bidder should not submit "Conditional Quotations"; Such conditional offer shall liable for rejection.

Not stated herein with all other General Terms and Conditions of the contract with MSETCL will be applicable to this contract too.

Thanking you,

Encl: Schedule 'A'

Yours faithfully,


H. S. Meshram,
Executive Engineer ,
EHV O&M DnDombivali

Schedule

Subject: Budgetary offer required for supply and installation of 22Kv GIS at 220KV Pal substation under EHV Division Dombivali.

Supply Part:

Sr. No.	Item No.	HSN/SAC Codes	Description /SAP text	Unit	Qty.	Ex-work rate	Total Amout
1	500023874	85372000	22kV GIS 2000 A 40kA for 3 Sec INCOMER BAY SUITABLE FOR 36KV, 2000A BUSBAR, 1600-800/1-1-1A CT AND 4X 1C 630SQMM XLPE CABLE PER PHASE [22kV I/d GIS T/f Bay]. The GIS shall be compliant to the IEC 62271-200. The CB, Vaccum Bottle, And GIS Panel shall be of same offered make. It shall be possible to extend the GIS Panel from both the sides without any gas work. The GIS Panel shall withstand the dielectric for 1 bar SF6 pressure in case of any gas leakage . All the repair/maintainance and replacement of major components of the switchgear shall be possible at site.	EA	2		
2	500018344	85372000	22kV GIS 1250A 40kA for 3 sec FEEDER BAY SUITABLE FOR 36KV, 2000A BUSBAR, 800-400/1-1-1A CT AND 2X 3C 400/300 SQMM XLPE CABLE [22kV I/d GIS Line Bay LCC (1M)]. Any Two feeders in either side of the Bus Sectionalizer bay Panels shall have Top Mounted Bus PTs. The GIS shall be compliant to the IEC 62271-200. The CB, Vaccum Bottle, And GIS Panel shall be of same offered make. It shall be possible to extend the GIS Panel from both the sides without any gas work. The GIS Panel shall withstand the dielectric for 1 bar SF6 pressure in case of any gas leakage . All the repair/maintainance and replacement of major components of the switchgear shall be possible at site.	EA	8		
3	500023872	85372000	22kV GIS 2000 A 40kA for 3 Sec TIE FEEDER BAY SUITABLE FOR 36KV, 2000A BUSBAR, 1600-800/1-1-1A CT The GIS shall be compliant to the IEC 62271-200. The CB, Vaccum Bottle, And GIS Panel shall be of same offered make. It shall be possible to extend the GIS Panel from both the sides without any gas work. The GIS Panel shall withstand the dielectric for 1 bar SF6 pressure in case of any gas leakage . All the repair/maintainance and replacement of major components of the switchgear shall be possible at site.	EA	1		
4	500023871	85372000	22kV GIS 2000 A 40kA for 3 Sec BUS SECTIONALIZER BAY SUITABLE FOR 36KV,	EA	1		


			2000A BUSBAR, 1600-800/1-1-1A CT AND 4X 1C 630SQMM XLPE CABLE PER PHASE BETWEEN COUPLER AND RISER PANEL [22kV I/d GIS Bus Coupler Bay wt PT] The GIS shall be compliant to the IEC 62271-200. The CB, Vaccum Bottle, And GIS Panel shall be of same offered make. It shall be possible to extend the GIS Panel from both the sides without any gas work. The GIS Panel shall withstand the dielectric for 1 bar SF6 pressure in case of any gas leakage . All the repair/maintainance and replacement of major components of the switchgear shall be possible at site.				
5	500018411	500018411	22KV, 1C, 630SQMM XLPE CABLE [22kV XLPE 1Cx630 Al Ar Pwr Cable]	km	0.65		
6	500003553	85367000	Cable Plugs S3 (O/G feeders 3c x 300/400 sqmm)[CABLE PLUGS SIZE S3]	Set	8		
7	500003554	85367000	Cable Plugs S2(Suitable for 1c x 630 sqmm 22 kV Cable) [CABLE PLUGS SIZE S2]	Set	20		
8	500019336	85389000	Cable end termination Outdoor, Heat shrinkable for 22kV cable SUITABLE FOR 630SQMM XLPE CABLE [22kV Heat Shrink Cable O/d Term. Kit]	EA	20		
9	500000849	73030030	Earthing Pit with Station type Cast Iron Pipes,including earthing materials [C.I. Pipe Earthing Set Station Type 'A']	EA	6		
	500002933	85441110	50 X 6 Tinned copper E.C. Garde copper earthing Strips for Tf LV C&R panels [50x6 mm Tinned Cu Earthing Strip]	Rmt	50		
	500012594	72071110	75X10 mm, MS Earthing Strips [75x10 mm MS Earthing Strip]	Rmt	100		
	500003348	72123090	50X8 mm, GI Earthing Strips [50X8 mm GI Earthing Strip]	Rmt	50		
			Total				
			[+] 18% GST				
			TOTAL - A				

Erection Part

Sr. No.	Item No.	HSN/SAC Codes	Description /SAP text	Unit	Qty.	Ex-work rate	Total Amount
	50016116	998736	ETC-22kV GIS Bay { Erection, Testing & Commissioning of 22kV GIS Bay }[ETC for 22 kV GIS]	No	10		
	50013024	998736	Fixing of 22kV cable plug in type cable termination {cable termination suitable for GIS 22kV XLPE 1Cx 630 sq. mm cable (3 Nos. - 1 Set) }[[fixing 33kV plug in type cable termi.kit]]	Set	2		
	50018944	995423	Laying of Control / Power cables on existing cable trays in cable trenches with aluminum tags at both ends with binding the same on cable trays at suitable intervals with dressing, with segregation of Control & Power Cables separate on cable trays rows as directed, the cables will be provided by MSETCL in drums , the same are required to be transported to required place and unwounded with turntable smoothly avoiding the damages to the cables- IC X 630 [Laying of 22kV 1Cx630mm ² XLPE Al Cable]	RMT	0.65		
	50004539	998736	Making heat shrinkable Outdoor cable joint of 22 kV XLPE cable with provided End terminal Kit as per standard method (Labour work)- Size range 3 X 240 - 400 sqmm & 1C x 630 sqmm [P&F 22kV 1Cx400mm ² O/D End Term Joint]	EA	2		
	50017816	995461	Cable termination at both ends as per termination schedule provided with cable glanding at both ends panels/ MB etc. with drilling of suitable size holes for cable glands as per cable sizes with spare holes as directed, glanding the cable with proper size glands to make it tight and firm, checking the cables cores from both side for continuity with suitable arrangement and providing the cross feruling as per cable schedule to both ends of cable and crimping of suitable size required lugs as per cable core size with suitable crimping of making it tight connection and then dressing up the same in TB's provided in Panels / MB etc. as directed for the following cables with sealing of spare holes ... BY PROVIDING REQD SIZE LUGS , GLANDS AND FERULES - 3.5 X 240 [ER_ Termination 3½x240mm ² Cable Both End]	EA	2		
	50003540	998736	Erection of EQUIPMENT SUPPORT STRS with provided Structure materials and nut bolts as per the drawings issued with tightening / tack welding / fixing of accessories etc. complete with transportation of structure materials / nut bolts etc. at suitable size from site stores with stacking at site as per BOM	per MT	5		

Regd. Office: "Prakashganga", Plot No. C-19 "E" Block, Bandra-KurlaComplex, Bandra [E], Mumbai- 400 051

			[Erection of Eqpt Support Structure]				
50002352	995461		Creating new earth pit with prescribed method in switchyard area with provided C.I. Pipe / perforated G.I. pipe. by salt /charcoal / BC soil excavation of soil in 1 x 1 x 3 meter with its refilling , if required use of bentonite instead of above mentioned material and measurement of earth resistance before connecting the pit to the grid . Connecting the earth pit the with clamp and to connect the same to main earth mat ... WITH EARTH RESISTANCE MEASUREMENT BEFORE CONNECTING THE SAME TO EARTH MAT [Excavation&Making Earth Pit CI Pipe,Salt]	EA	8		
50003009	995469		Laying the provided M.S. Flat in ground at @ 0.6 meter below ground with welding as per prescribed method at required place, bends and with required fabrication and connecting the same to the earth pit / or at any other place as directed [Laying of 75x10mm MS Flat for Earthing]	RM T	20 0		
50017050	995442		Earthing of equipment / support structure with provided M.S. Flat with bending / fabrication welding etc. making it flush with support str. / equipment as directed with connecting the same with required size nut bolts (to be provided by the agency) [Making 33kV Eqpt/Gantry/Sprt Str Earthng]	Per conn ectio n / EA	8		
			Total				
			[+] 18% GST				
			TOTAL - B				
			Grand Total (A+B)				


H.S. Meshram
 Executive Engineer ,
 EHV O&M DnDombivali