

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

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Ref.No.EE/EHV/Projects/DN-II/PN/No. **NO 01143** Date: **08 SEP 2023**

TO WHOM SO EVER IT MAY CONCERN

Subject:- E-enquiry in r/o calling budgetary offer of 220kV Outdoor GIS Line bay at 220kV Telco MSETCL end & 220kV Metering Bay at 220kV TMPVL for the project of M/s Tata Motors Passengers Vehicle Ltd. for 22 MW power demand at Passenger Car Business Unit Sector No. 15 & 15A, PCNTDA, Chikhali, Taluka – Haveli, District – Pune

This office intends to carry out the work of grid connectivity of M/s Tata Motors Passengers Vehicle Ltd. for 22 MW power demand at Passenger Car Business Unit Sector No. 15 & 15A, PCNTDA, Chikhali, Taluka – Haveli, District – Pune

The conditions are :

- The 220kV GIS Line Bays are suitable for outdoor and UG cable will be terminated to this module
- 220kV GIS Metering bay will be suitable for two bus system with following details

SCHEDULE 'A'

A. Supply Part :

Sr. No.	Description of Material	Unit	Rate in Rs per Unit Excluding taxes
1	220 kV Line Outdoor bay (U.G Cable) GIS for 220kV Telco MSETCL S/s end: Each module comprising of the following a. 245 kV SF6 Circuit Breaker complete with operating mechanism. 3150 A suitable for 1 Ph and 3 Ph Trip -1 no. b. Disconnector : i. 3 Ph single pole group operated Isolator switch	No.	

	<p>complete with manual and motor driven operating mechanism 3150 A - 3 sets</p> <p>ii. 3 Ph single pole group operating maintenance Earthing switch complete with manual and motor driven operating mechanism – 2 sets.</p> <p>iii. 3 Ph single pole fast acting Fault make Earthing switch complete with group operated manual and motor driven mechanism-1 set.</p> <p>c. Current transformer-5 Core multi ratio single Phase Current Transformer 1600-800-400/1A. -1 set (3 Nos)</p> <p>d. Lightning Arrester- 1 set(3 Nos)198kV-10kA, Class 3 GIS Type Surge Arrester</p> <p>e. Cable end unit(Plug in type)- 3 Ph ,single pole plug in type cable termination</p> <p>f. Bus Bar double Bus arrangement .Main Bus-I- 3150 A , Main Bus-II- 3150 A</p> <p>g. Local control Cubicle for GIS Module , Gas monitoring Device, Barriers Pressure switches etc as required.</p>		
2	<p>220 kV Metering Module: 245 kV 3150A SF6 gas insulated Metering Bay module with double Busbar arrangement.</p> <p>Out of this Busbar-1 comprising of 6no of CT (Ratio:200/400/1A,CL:0.2s, Burden-15VA & 6nos Potential Transformer (220kV/ $\sqrt{3}$/110V/$\sqrt{3}$- 110V/$\sqrt{3}$- 110V/$\sqrt{3}$,CL 0.2, 50VA).Busbar-2 comprising of 6 no of CT (Ratio:200/400/1A,CL:0.2s, Burden-15VA & 6nos Potential Transformer (220kV/ $\sqrt{3}$/110V/$\sqrt{3}$- 110V/$\sqrt{3}$-110V/$\sqrt{3}$,CL 0.2, 50VA).Bus 1&2 shall have sf6 density monitoring system with non return valve,SF6 gas filling valve with non return valve, static filter& Rupture Disc for complete bay to complete Metering bay module. Each Bus having single enclosure with 3-Ph busbar unit/Ph wise separate enclosure</p>	No.	

B. Erection Part

Sr. No.	Description of work	Unit	Rate in Rs per Unit Excluding taxes
1	<p>220 kV Line Outdoor bay (U.G Cable) GIS for 220kV Telco MSETCL S/s end: Each module comprising of the following</p> <p>a.245 kV SF6 Circuit Breaker complete with</p>	No.	

	<p>operating mechanism. 3150 A suitable for 1 Ph and 3 Ph Trip -1 no.</p> <p>b. Disconnecter :</p> <p>i. 3 Ph single pole group operated Isolator switch complete with manual and motor driven operating mechanism 3150 A - 3 sets</p> <p>ii. 3 Ph single pole group operating maintenance Earthing switch complete with manual and motor driven operating mechanism – 2 sets.</p> <p>iii. 3 Ph single pole fast acting Fault make Earthing switch complete with group operated manual and motor driven mechanism-1 set.</p> <p>c. Current transformer-5 Core multi ratio single Phase Current Transformer 1600-800-400/1A. -1 set (3 Nos)</p> <p>d. Lightning Arrester- 1 set(3 Nos)198kV-10kA, Class 3 GIS Type Surge Arrrester</p> <p>e. Cable end unit(Plug in type)- 3 Ph ,single pole plug in type cable termination</p> <p>f. Bus Bar double Bus arrangement .Main Bus-I-3150 A , Main Bus-II- 3150 A</p> <p>g. Local control Cubicle for GIS Module , Gas monitoring Device, Barriers Pressure switches etc as required.</p>		
2	<p>220 kV Metering Module: 245 kV 3150A SF6 gas insulated Metering Bay module with double Busbar arrangement.</p> <p>Out of this Busbar-1 comprising of 6no of CT (Ratio:200/400/1A,CL:0.2s, Burden-15VA & 6nos Potential Transformer (220kV/ $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}-110V/\sqrt{3}$,CL 0.2, 50VA).Busbar-2 comprising of 6 no of CT (Ratio:200/400/1A,CL:0.2s, Burden-15VA & 6nos Potential Transformer (220kV/ $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}-110V/\sqrt{3}$,CL 0.2, 50VA).Bus 1&2 shall have sf6 density monitoring system with non return valve,SF6 gas filling valve with non return valve, static filter& Rupture Disc for complete bay to complete Metering bay module. Each Bus having single enclosure with 3-Ph busbar unit/Ph wise separate enclosure</p>	No.	

Note:-

1. Above rates are excluding of all taxes.
2. The bidder should specify all taxes & statutory cess as extra specifically with their offer.

3. All interested bidders are requested to submit their best reasonable offer for above said work on e-mail: ee6620@mahatransco.in on or before **15.09.2023**, along with SAC codes and applicable rate of GST & LC if applicable for above work at the earliest
4. This budgetary offer is invited only for estimation purpose and same will not be considered for any bidding OR other activity.

for G.H.Huse

(V. D.Bhujbal)

Executive Engineer

EHV Project Dn II, Pune

O/c. Approved by EE