

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

Name of Office: EXECUTIVE ENGINEER, EHV PROJECTS DIVISION-II, PUNE

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Ref.No.EE/EHV/Projects/DN-II/PN/No. 🕎 በ 0 8 SEP 2023 Date:

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
ō	220 kV Line Outdoor bay (U.G Cable) GIS for 220kV Telco MSETCL S/s end: Each module comprising of the following	No.	
1	a.245 kV SF6 Circuit Breaker complete with operating mechanism. 3150 A suitable for 1 Ph and 3 Ph Trip -1 no.	8	
	b. Disconnector:	2 2	
	i. 3 Ph single pole group operated Isolator switch		

	6.9		
	complete with manual and motor driven operating mechanism 3150 A - 3 sets ii. 3 Ph single pole group operating maintenance Earthing switch complete with manual and motor driven operating mechanism – 2 sets. iii. 3 Ph single pole fast acting Fault make Earthing switch complete with group operated manual and motor driven mechanism-1 set. c. Current transformer-5 Core multi ratio single Phase Current Transformer 1600-800-400/1A1 set (3 Nos) d. Lightning Arrester- 1 set(3 Nos)198kV-10kA, Class 3 GIS Type Surge Arrrester e. Cable end unit(Plug in type)- 3 Ph ,single pole plug in type cable termination f. Bus Bar double Bus arrangement .Main Bus-I- 3150 A , Main Bus-II- 3150 A g. Local control Cubicle for GIS Module , Gas monitoring Device, Barriers Pressure switches etc as required.		
2	220 kV Metering Module: 245 kV 3150A SF6 gas insulated Metering Bay module with double Busbar arrangement. Out of this Busbar-1 comprising of 6no of CT (Ratio:200/400/1A,CL:0.2s, Burden-15VA & 6nos Potential Transformer (220kV/ √3/110V/√3-110V/√3-110V/√3-10V/√3-10V/√3-10V/√3-10V/√3-10V/√3-10V/√3-10V/√3-10V/	No.	

B. Erection Part

Sr. No.	Description of work	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	No.	
	a.245 kV SF6 Circuit Breaker complete with		

	2170 to 111 C-1 Db and 3			- Spanish of the
	operating mechanism. 3150 A suitable for 1 Ph and 3	**		
	Ph Trip -1 no.	e .		
				managed and
	b. Disconnector:		0	
	1. I day gwitch			
	i. 3 Ph single pole group operated Isolator switch	-		
	complete with manual and motor driven operating		3	and the state of t
	machanism 3150 A - 3 sets			Allegania
	:: 2 Dh single pole group operating maintenance			Land of the land o
	Farthing switch complete with manual and motor			(c)mark in the less
	1 deign approxima mechanism – 2 sets.			and the same of th
	::: 2 Dh single nole fast acting Fault make Earling			10
	switch complete with group operated manual and			ar constitution and
	driven mechanism-1 set.			-
	Core multi ratio single rilase			g) months and
	Current Transformer 1600-800-400/1A1 Set (5 1005)			ga para para para para para para para pa
	d Lightning Arrester- 1 set(3 Nos)198k V-10kA,		2	age statements
	Class 2 GIS Type Surge Arrrester			
	e. Cable end unit(Plug in type)- 3 Ph, single pole plug			and the same of th
	in type cable termination			
	f. Bus Bar double Bus arrangement .Main Bus-I-3150			-
	A Main Bus-II- 3150 A			all photos and the
	a Local control Cubicle for GIS Module, Gas			
	monitoring Device, Barriers Pressure switches etc as			See to the designation of the last of the
	naguired			and the second second
	220 kV Metering Module: 245 kV 3150A SF6 ga	s No.		
	insulated Metering Bay module with double Busba	ır		and the same
	arrangement.			
		200		-
	Out of this Busbar-1 comprising of 6no of C	T		
	$\rho_{\text{off}} \approx 200/400/1 \text{ A CI} \cdot 0.2\text{s}$. Burden-13 VA & Oilc	05		
	Potential Transformer $(220kV)/\sqrt{3/110V/\sqrt{3}}$	3-		
	110X/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-2		
,	and the state of 6 no of CT (Ratio:200/400/1A,CL:0.2	s,		
1	Dandon 15VA & 6nos Potential Transformer (220k)	v /		
	$\sqrt{3}/110\text{V}/\sqrt{3}$ - $110\text{V}/\sqrt{3}$ -110V/ $\sqrt{3}$,CL 0.2, 50VA).Bu	us		
	1&2 shall have sf6 density monitoring system wi	th		
	non return valve, SF6 gas filling valve with non return	rn		
	valve, static filter& Rupture Disc for complete bay	to		
	complete Metering bay module. Each Bus having	ng		
	single enclosure with 3-Ph busbar unit/Ph wi	se		
	single enclosure with 5-111 outour sales	Spring false, see		
	separate enclosure		3	

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.

to GWHWE (V. D.Bhujbal)

Executive Engineer

EHV Project Dn II,Pune
O/c. Approved by