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|  <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p> | <p align="center">MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. (Government of Maharashtra U/T) CIN No. U40109MH2005SGC153646 From: Name of Office: EXECUTIVE ENGINEER, EHV PROJECT DIVISION-II, PUNE Office Address: Administrative Building, 1st Floor, 925, Kasba Peth, Pune – 411 011 Contact No.: FAX NO. (020) 245 70 525 & PHONE NO. (020) 245 70 676 E-Mail Id : ee6620@mahatransco.in</p> |  |
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Ref.No.EE/EHV/PROJ/DN-II/PN/ **NO 0 1 3 1 4** Date: **07 NOV 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 Motor's 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 |
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| 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. Disconnecter: i. 3 Ph single pole group operated Isolator switch 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 | No. | |

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| | <p>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 Arrested- 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- 3150A, 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 & 6 nos 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 Material | 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. | |

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| | <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 Arrested- 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-3150A, Main Bus-II- 3150 A</p> <p>i. 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 & 6 nos 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 at one said work on e-mail: ee6620@mahatransco.in or before 15.11.2023. 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.



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