



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD
(CIN No.U40109MH2005SGCI53646)**

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EE/EHV O&M Dn.-I/Pune/Tech./ 1933

Date:23.09.2025

TO WHOM SO EVER IT MAY CONCERN

Subject: Calling of Budgetary offer supply, installation & commissioning of 22 kV Gas Insulated Substation (GIS) modules (TF LV bay module, Line bay module , BS module, PT bay module, Cable in and out panel module, capacitor bank module) at 132 kV NCL Substation under EHV O&M Division-I, Pune.

Dear Sir,

The Budgetary offer through e-mail is hereby invited for the above work as per schedule-A enclosed.

All are requested to quote your best reasonable rates for above work.

The Terms and conditions as below:

- 1) The rate quoted should be valid for 120 days (minimum)
- 2) The rate should be quoted on firm quotation basis.
- 3) The rates should be exclusive of all taxes. Taxes should be quoted extra.
- 4) Following documents should be submitted along with your offer: -
 - a. Shop Act / Udyog Aadhar Registration Certificate.
 - b. Work Experience Certificate for similar nature of works in MSETCL/MSEDCL/ in any Power Utility or in Private Company in India.

You are requested to submit your best reasonable budgetary offer as per Schedule-A, for above works on E-mail ID: ee6140@mahatransco.in up to 11:00 Hrs on dtd. 29.09.2025

This budgetary offer is invited only for estimation purpose and same will not be considered for any bidding OR other activity.

S/d
(V.V. Borkar)
Executive Engineer
EHV O & M Division –I, Pune

MAHARSHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
supply, installation & commissioning of 22 kV Gas Insulated Substation (GIS) modules (TF LV bay module, Line bay module , BS module, PT bay module, cable in and out panel module) at 132 kV NCL Substation under EHV O&M Division-I, Pune

Schedule-A

Sr. No.	Particulars of Work	Unit	Ex-Works Unit Rate	GST @18%	Unit Rate with GST
Material Part:					
1	<p>22 kV GIS Transformer LV Bay Module : Each module comprising of the following :</p> <p>3 phase Circuit Breaker with vacuum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No.</p> <p>Disconnecter: 3Phase,Single Pole, three position disconnector to work as Disconnecter & earthing switch complete with manual & motor driven operating mechanism 2000A-1 Set.</p> <p>Current Transformer: 4 Core, Multi ratio, single phase current transformer with 1600-800/1A, 4C CT Ratio (1 Set - 3 Nos.) [PS, PS, 0.2S, PS]</p> <p>Bus Bar- Single bus arrangement: Main Bus - with 2000A ratings</p> <p>SC rating-31.5 kA/3sec</p> <p>Cable end unit (Plug in type) with capacitive voltage indicator system: 3 Phase, Single pole, Plug in type cable termination - 4 Runs of 630 sq.mm or 5 Runs of 400 sq.mm. (for each phase - 1 (Set))</p> <p>Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS.</p>	No.			

2	<p>22 KV GIS Line Bay Module (With 18 kV-10 kA GIS Surge Arrestor): Each module comprising of the following :</p> <p>3 phase Circuit Breaker with vacuum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No.</p> <p>Disconnecter: 3Phase, Single Pole, three position disconnector to work as Disconnector & earthing switch complete with manual & motor driven operating mechanism 2000A-1 Set.</p> <p>Current Transformer: 4 Core, Multi ratio, single phase current transformer with 800- 400-200/1A, 3C CT Ratio (1 Set - 3 Nos.) [PS, PS, 0.2S]</p> <p>Bus Bar- Single bus arrangement: Main Bus - with 2000A ratings</p> <p>SC rating-31.5 kA/3sec</p> <p>Cable end unit (Plug in type) with capacitive voltage indicator system: 3 Phase, Single pole, Plug in type cable termination - 2 Runs of 400 sq.mm for each phase - 1 (Set)</p> <p>Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS</p> <p><u>NOTE:</u> The bus and the equipment may be with single phase or 3 phase enclosure.</p>	No.			
3	<p>22 kV GIS Bus Sectionalizer Bay module: Each module comprising of the following :</p> <p>3 phase Circuit Breaker with Vacuum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No.</p> <p>Disconnecter: 3 Phase, Single Pole, three position disconnector to work as disconnector & earthing switch complete with manual & motor driven operating mechanism 2000A - 1 Set.</p> <p>Current Transformer: 4 Core, Multi ratio, single phase current transformer with 1600-800/1A, 4C CT Ratio (1 Set - 3 Nos.) [PS, PS, 0.2S, PS]</p> <p>Bus Bar- Single bus arrangement: Main Bus - with 2000A ratings</p> <p>SC rating-31.5 kA/3sec</p>	No.			

	<p>Cable end unit (Plug in type) with capacitive voltage indicator system: 3 Phase, Single pole, Plug in type cable termination - 2 Runs of 400 sq.mm for each phase - 1 (Set)</p> <p>Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS</p> <p>PT change over scheme (in auto) for protection and metering cores needs to be considered.</p> <p><u>NOTE:</u> The bus and the equipment may be with single phase or 3 phase enclosure.</p>				
4	<p>22 KV GIS PT Bay Module (1 for each section): Each module comprising of the following:</p> <p>Disconnecter: 3 Phase, Single Pole, three position disconnecter to work as disconnecter & earthing switch complete with manual & motor driven operating mechanism 1600A - 1 Set.</p> <p>Potential Transformer: 3 Core, Multi ratio, single phase potential transformer 11KV/ $\sqrt{3}$/110V/ $\sqrt{3}$-110V/ $\sqrt{3}$-110V/ $\sqrt{3}$ - 1 Set (3 Nos.) [3P, 3P, 0.2]</p> <p>Bus Bar- Single bus arrangement: Main Bus - 2500A, 50kA/3sec</p> <p>Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required.</p>	No.			
5	<p>22 KV Bus Coupler Bay cable In and Out module</p> <p>Each module comprising of the following :</p> <p>3 phase Circuit Breaker with Vacuum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No.</p> <p>Disconnecter: 3 Phase, Single Pole, three position disconnecter to work as disconnecter & earthing switch complete with manual & motor driven operating mechanism 2500A - 1 Set.</p> <p>Current Transformer: 4 Core, Multi ratio, single phase current transformer with 1600/1A CT Ratio - 1 Set (3 Nos.) [PS, PS, 0.2S, PS]</p> <p>Bus Bar- Single bus arrangement: Main Bus - with suitable ratings.</p> <p>SC rating 40KA/3 Sec ratings</p> <p>Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS</p> <p><u>NOTE:</u> The bus and the equipments may be with single phase or 3 phase enclosure.</p>	No			

6	22kV GIS Capacitor Bank GIS Module (for 5MVA/10MVAR Capacitor bank) The capacitor bank protection separate BCU, backup protection relays, PF relay, Over voltage & under voltage relays, aux relays & trip relays, current unbalance relay NDR, & aux summation CTs, timer etc. along with BCU based protection scheme suitable for each for 5 MVAR /10 MVAR 22 kV capacitor bank SC rating 25KA/3 Sec ratings. The circuit breaker shall be suitable for Capacitor bank switching (i.e according to capacitor breaking and capacity making capacity)	No			
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Sd/-
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