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

Office of the Executive Engineer
EHV O & M Division-I, Pune
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EE/EHV O&M Dn.-I/Pune/Tech./ 1823 **Date:03.09.2025**

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) at 132 kV NCL Substation under EHV O&M Division-I, Pune.

Dear Sir,

The Budgetary offer through e-mail are 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 ll:00 Hrs on dtd. 10.09.2025

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	**22 kV GIS Transformer LV Bay Module :** Each module comprising of the following : 3 phase Circuit Breaker with vacuum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No. Disconnector: 3Phase,Single Pole, three position disconnector to work as Disconnector & earthing switch complete with manual & motor driven operating mechanism 2000A-1 Set. 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] Bus Bar- Single bus arrangement: Main Bus - with 2000A ratings SC rating-31.5 kA/3sec 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)) Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS.	No.			

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

	termination - 2 Runs of 400 sq.mm for each phase - 1 (Set) Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS PT change over scheme (in auto) for protection and metering cores needs to be considered. NOTE: The bus and the equipment may be with single phase or 3 phase enclosure.				
4	**22 KV GIS PT Bay Module (1 for each section):** Each module comprising of the following: Disconnector: 3 Phase, Single Pole, three position disconnector to work as disconnector & earthing switch complete with manual & motor driven operating mechanism 1600A - 1 Set. Potential Transformer: 3 Core, Multi ratio, single phase potential transformer 11KV/ √ 3/110V/ √ 3-110V/ √ 3-110V/ √ 3 - 1 Set (3 Nos.) [3P, 3P, 0.2] Bus Bar- Single bus arrangement: Main Bus - 2500A, 50kA/3sec Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required.	No.			
5	**22 KV Bus Coupler Bay cable In and Out module** Each module comprising of the following : 3 phase Circuit Breaker with Vaccum interrupters in gas filled switchgear housing complete with operating mechanism, 2500A -1 No. Disconnector: 3 Phase, Single Pole, three position disconnector to work as disconnector & earthing switch complete with manual & motor driven operating mechanism 2500A - 1 Set. Current Transformer: 4 Core, Multi ratio, single phase current transformer with 1600/1A CT Ratio - 1 Set (3 Nos.) [PS, PS, 0.2S, PS] Bus Bar- Single bus arrangement: Main Bus - with suitable ratings. SC rating 40KA/3 Sec ratings Local Control Cubicle for GIS module, gas monitoring device, barriers pressure switches etc as required. Can be part of GIS NOTE: The bus and the equipmnets may be with single phase or 3 phase enclosure.	No			
6	**22kV GIS Capacitor Bank GIS Module (for 5MVA/10MVAR Capacitor bank)** The capacitor bank protection separate BCU, backup	No			

	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)				

Sd/-
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