

Design, Engineering, supply at site, installation, testing, commissioning, O&M for the first year (excluding panel cleaning) of 13.08 KWp grid connected solar rooftop system over VIP Rest House building on turnkey basis with the above specification under the net metering policy of Government of Maharashtra. The scope includes liaison work for statutory permissions, installation of pipeline for panel cleaning along with 1 HP pump motor set, Data Logger effort system remote monitoring.

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Sr. No.	Description	Remarks
1	System Recommended	13.08 KWp, DC Roof Top Solar System
2	Rooftop Availability	Adequate Size Available
3	Type of PV Modules / Make	Monocrystalline / Tata Solar (ALMM Approved)/ Trina / JA Solar / Adani or other reputed make
4	Capacity of PV Modules	545 Wp
5	Number of Modules	24 Nos.
6	Inverters	12.00 KW X 1 Number String Inverter / 3 Phase / Deye or any Reputed make
7	Number of Inverters	1 No
8	Type of Module Mounting	Panel mounting over existing GI Sheet Roof
9	Module Mounting Structure	Anodized aluminum (100 mm X 300 MM, 96 Numbers)
10	Batteries	None
11	Annual Electricity Generation from Solar	18,858 KWh (First Year) / Degradation 0.6% YoY
12	Project Lifetime Generation Kwh (25 years)	4,39,019 KWh

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Note:- 1. Rates should be exclusive of all taxes. All taxes GST, labour cess, freight, insurance and other applicable taxes need to mention separately.

2. Any other charges applicable should mention separately in offer.

sd/-
Executive Engineer
400 kV RS (O&M) Division, Padghe.

Annexure-A

Name of work: Setting up Solar Power Generation System at VIP Rest House and Prakash Parv 400 kV Control Room Building at 400 kV RS (O&M) Dn, Padghe under HVDC RS (O&M) Circle, Padghe.

Sr. No.	Description	Qty (No.)	Supply Rate Per unit W/o. Taxes	Service (Fixing) Rate per unit W/o. Taxes																																						
	Design, Engineering, supply at site, installation, testing, commissioning, O&M for the first year (excluding panel cleaning) of 91.56 KWp grid connected solar rooftop system over Prakash Parv Control room building on turnkey basis with the above specification under the net metering policy of Government of Maharashtra. The scope includes liaison work for statutory permissions, installation of pipeline for panel cleaning along with 1 HP pump motor set, Data Logger effort system remote monitoring.																																									
	<table><tr><th>Sr.No.</th><th>Description</th><th>Remarks</th></tr><tr><td>1</td><td>System Recommended</td><td>91.56 KWp, DC Roof Top Solar</td></tr><tr><td>2</td><td>Rooftop Availability</td><td>Adequate Size Available</td></tr><tr><td>3</td><td>Type of PV Modules / Make</td><td>Monocrystalline / Tata Solar (ALMM Approved)/Trina / JA Solar / Adani or other reputed make</td></tr><tr><td>4</td><td>Capacity of PV Modules</td><td>545 Wp</td></tr><tr><td>5</td><td>Number of Modules</td><td>168 Nos.</td></tr><tr><td>6</td><td>Inverters</td><td>40.00 KW X 2 Numbers String Inverter / 3 Phase / Deyeor any Reputed make</td></tr><tr><td>7</td><td>Number of Inverters</td><td>2 Nos</td></tr><tr><td>8</td><td>Type of Module Mounting</td><td>GI Panel mounting structures over existing RCC roof</td></tr><tr><td>9</td><td>Module Mounting Structure</td><td>Anodized aluminum</td></tr><tr><td>10</td><td>Batteries</td><td>None</td></tr><tr><td>11</td><td>Annual Electricity Generation from Solar Plant / Degradation assumed</td><td>1,32,007 KWh (First Year) / Degradation 0.6% YoY</td></tr><tr><td>12</td><td>Project Lifetime Generation Kwh (25 years)</td><td>30,73,132 KWh</td></tr></table>	Sr.No.	Description	Remarks	1	System Recommended	91.56 KWp, DC Roof Top Solar	2	Rooftop Availability	Adequate Size Available	3	Type of PV Modules / Make	Monocrystalline / Tata Solar (ALMM Approved)/Trina / JA Solar / Adani or other reputed make	4	Capacity of PV Modules	545 Wp	5	Number of Modules	168 Nos.	6	Inverters	40.00 KW X 2 Numbers String Inverter / 3 Phase / Deyeor any Reputed make	7	Number of Inverters	2 Nos	8	Type of Module Mounting	GI Panel mounting structures over existing RCC roof	9	Module Mounting Structure	Anodized aluminum	10	Batteries	None	11	Annual Electricity Generation from Solar Plant / Degradation assumed	1,32,007 KWh (First Year) / Degradation 0.6% YoY	12	Project Lifetime Generation Kwh (25 years)	30,73,132 KWh	01 LS	
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महाराष्ट्र राज्य विद्युत पारेषण कंपनी मर्यादित

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

Office of the EXECUTIVE ENGINEER

400kV R. S. (O&M) Division,

“Prakashparv”

HVDC Circle, Compus

PADGHE-421 101

Tal: Bhiwandi Dist-Thane

(Maharashtra, India)

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No.EE/400KV/RS(O&M)DIV/PDG/Tech

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Date:

15 FEB 2024

E-ENQUIRY NOTICE

(Budgetary offer)

MSETCL invites online bids (E-Tender) from reputed & registered contractors on Mahatransco E-Tendering website: <https://srmetender.mahatransco.in> for the following Tender specification

Subject: - Enquiry for submission of budgetary offer for Setting up Solar Power Generation System at VIP Rest House and Prakash Parv 400 kV Control Room Building at 400 kV RS (O&M) Dn, Padghe under HVDC RS (O&M) Circle, Padghe.

Dear Sir,

Budgetary offers are invited by the undersigned for Setting up Solar Power Generation System at VIP Rest House and Prakash Parv 400 kV Control Room Building at 400 kV RS (O&M) Dn, Padghe under HVDC RS (O&M) Circle, Padghe. **on or before: 12.02.2024 up to 17:00 Hrs.** The other terms and conditions are as mentioned below.

- 1) Offer should be duly filled in and submitted to this office via e-mail-ee7330@mahatransco.in will be accepted.
- 2) This enquiry is solely for collection of offer for estimate purpose & not for work allocation.
- 3) The offer should be submitted as per details mentioned below.
- 4) Quote rate in prescribed format & Attached Specifications in Annexure-A.

Sd/

Executive Engineer
400 kV RS (O&M) Division, Padghe.