



**EXPRESSION OF INTEREST FOR
DEVELOPMENT OF ULTRA MEGA SOLAR PV PROJECT
AT SAMBHAR SALTS LIMITED, SAMBHAR LAKE**

EOI No.	12 (Com)Purchase/2021-22/ SBR /9
EOI Issue date	27-11-2021
Last date and time of Submission of EOI online on CPP portal.	13.12.2021 upto 15:00 hrs
Date of opening of EOI	14.12.2021 at 15:00 hrs

Sambhar Salts Limited

(A Government Enterprises)
CIN: U14220RJ1964GOI001188

Registered Office:G-229,Sitapura Industrial Area,Jaipur-302022 (Rajasthan)

Tel/Fax:0141-2771448/ 2771449

Unit :Sambhar Lake, Pin-303604,Dist.- Jaipur(Rajasthan)

Email :information@indiansalt.com / purchase@indiansalt.com

Website : www.indiansalt.com

1. INTRODUCTION

Hindustan Salts Limited was incorporated on 12th of April, 1958 as a Company fully owned by the Government of India to take over the salt sources at Sambhar, Didwana and Kharaghoda earlier managed by the Salt Department, Government of India. It is the only Central Government Public Sector Undertaking under Ministry of Heavy Industries & Public Enterprises engaged in the production of salt. The company is having its registered office at G-229, Sitapura Industrial Area, Jaipur-302022 (Rajasthan).

Sambhar Salts Limited (hereafter referred as “Company” or “SSL”) is the subsidiary company of Hindustan Salts Limited, having about 57,000 Acres of land at Sambhar Lake, Dist. Jaipur (Rajasthan).

2.0 OBJECTIVE

Company invites Expression of Interest from the interested parties/Public Sector Undertakings / Govt. bodies/Companies / Legal Entity / Domestic as well as International Private Entrepreneurs for Development of Ultra Mega Solar Power project at Sambhar (SSL), Distt. Jaipur (Rajasthan).

It is proposed that the Company would contribute only its resource i.e. requisite land (as per requirement of project only) which is available at Sambhar unit and all other expenditures for installation of project, seeking various clearances, power purchase agreements etc. shall be borne by the party.

Party shall pay fixed annual rental for the Land provided on per Acre basis to HSL. These rates shall remain constant for two years and shall be enhanced thereafter for every year at the rate of 5% per annum of the previous year. Applicable taxes shall also be payable in addition to annual rental.

3.0 POTENTIAL OF SOLAR POWER GENERATION AT SAMBHAR SALTS LIMITED, SAMBHAR LAKE

3.1 LOCATION AND RESOURCES

Sambhar (Rajasthan) is located approx. 75 kms from Jaipur. Sambhar Salts Limited has 58,000 acres of land at Sambhar Lake Area (Rajasthan), out of which 38,400 is lake area and remaining is plain land. As such currently Company is utilising a fraction of land say 2500 acres land for salt production and after taking into account expansion of Salt production area plans, large area can be utilised for solar power generation.

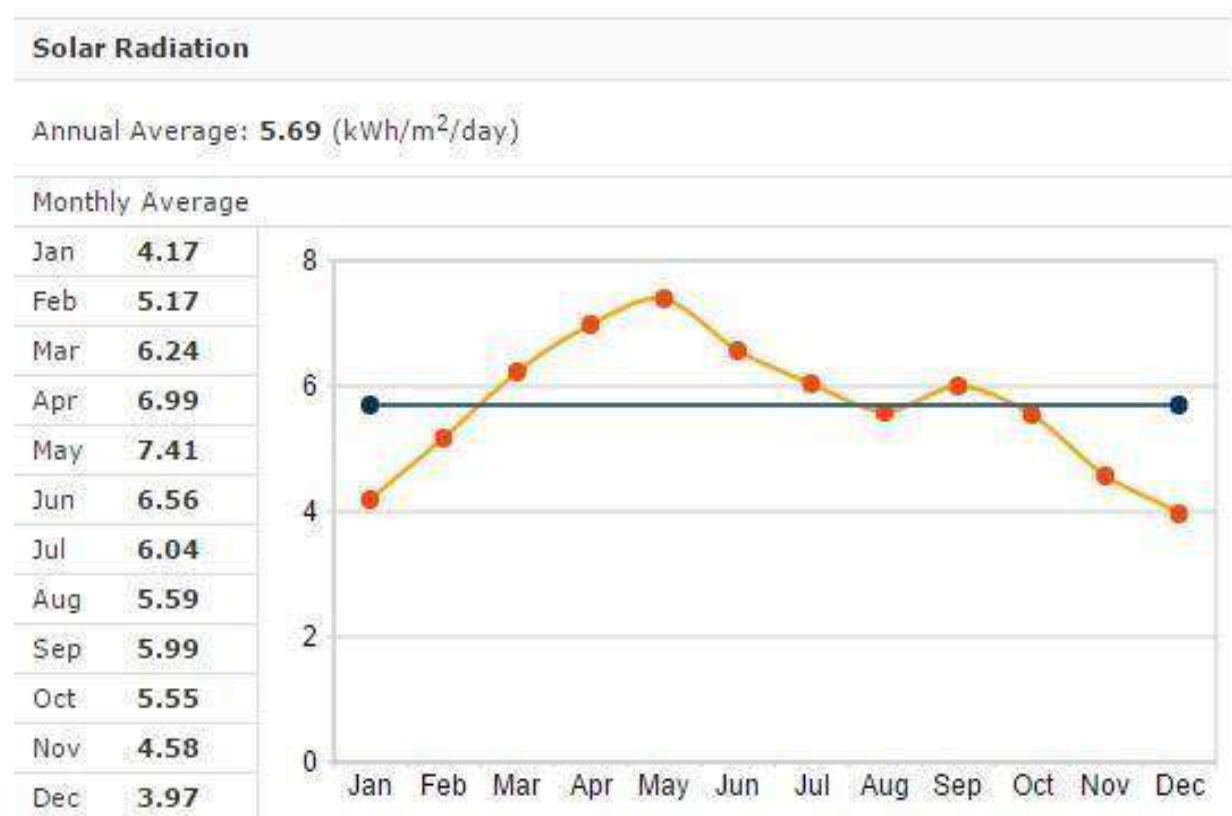
Sambhar in Rajasthan experiences extremes of climate during the year with hot and oppressive summers and cold and dry winters. The town is situated in the sub-tropical arid/semi-arid climatic zone of India. The summer months of May and June can be extremely hot with mean monthly temperatures of more than 35⁰C while the maximum temperature can sometimes reach up to 50⁰ C. The sky remains clear during major part of the year except during few dust storms due to winds that overrun the region in the summer months.

The state of Rajasthan, receives high amounts of solar radiation has highest visibility i.e., 250-300 sunny days is an advantage of the location and accordingly, Sambhar has a potential of 2080 KW per m² per year translating to 5.70 KWh per day which is considered good for Solar projects/Renewable Energy. Further, 220 kV Phulera Substation is just 6 Km away and can evacuate upto 500 MW and beyond 500 MW there is 400 kV/Hirapur substation of PGCIL which is just 80 Kms away from the site under consideration.

The strategic advantage is the demographic location as it is situated nearby Kishangarh Industrial Area, Ajmer Smart City, proposed dedicated freight corridor near Phulera.

DETAILS	DESCRIPTION
Total Land	58000 acres (99Years lease hold land)
Solar Potential	5.70 (kWh/m ² /day)
Land Coordinates	27° 00' 44.8" N 75° 01' 29.5" E
Impact of Salt Corrosion	Area is far away from the saline environment.
Rail Connectivity	Sambhar&Phulera
Road Connectivity	Ajmer Road NH 8
Power Grid	33 KV Phulera Substation is located 6-7 kms from the site and can evacuate up to 500 MW. Beyond 500 MW, a 400 kV Substation of PGCIL at Hirapur is located 80 km from site.
Water Availability for cleaning	Ground Water

Solar Irradiation in Sambhar Lake Railway Station, Sambhar, Rajasthan 303604, India



Note: The Annual Average is 5.69 (kWh/m²/day) that is very good as a point for Solar Power Generation.

4.0 EXPRESSION OF INTEREST :

4.1 CONTRIBUTION OF SSL

Company would contribute only its resource i.e. requisite land which is available at the Sambhar unit for execution of Ultra Mega Solar Power Project (Upto 4000 MW).

SSL will provide the administrative support for project wherever required, however sole responsibility for Sale of Power i.e. signing of PPA agreement will be the responsibility of party.

4.2 SUBMISSION OF EXPRESSION OF INTEREST BY INTERESTED PARTIES :

The party is required to develop the Ultra Mega Solar Power Project on the land of SSL at Sambhar lake and operate the same. All the expenditures for installation of project, seeking various clearances, power purchase agreements etc. shall be in scope of party.

Interested parties are required to submit Expression of Interest for Execution of Ultra Mega Solar Power Project at Sambhar Lake ,which may include but not limited to following:

- i. Arranging, obtaining and maintaining all permits ,licenses, approvals, no objection certificates, clearances from all authorities concerned for the project, to enable unhindered smooth progress of all works during construction up-to power generation and injection to CTU Grid including operation of the Plant.
- ii. Procurement of all equipment required for setting up of the rated capacity of the plant, power evacuation and transmission requirements at specified voltage.
- iii. Creation of infrastructure requirements inside plant like road network, drainage & sewage systems including culverts, water line network, station lighting, fire control systems, lightning arrestor systems, fencing/boundary wall and security systems including security gates etc.
- iv. Providing control room and administrative building inside plant and tele-communication network for inside and outside plant communication.
- v. Providing SCADA system and solar radiation and weather monitoring system within plant for information and control of required parameters.
- vi. Providing suitable grid compliant Reactive power management system & metering system.
- vii. Compliance with all legal requirements of the Country and State where the Project is located.
- viii. Commissioning the power plant to its full capacity, delivering power to CTU Substation.
- ix. Operation and maintenance of plant for a period of Twenty Five (25) years from the commissioning for demonstration of agreed performance level and handover the entire plant to Company or its designated assignee.
- x. Any other activity deemed fit and necessary for execution and operation of the Project as per prudent utility practices.
- xi. Estimated Cost of the project, Proposed Time period for execution of project and plan for execution of project with capacity and time frame.
- xii. Details of power purchase agreement for sale of generated power and revenue generation thereon.
- xiii. To maintain maximum efficiency, the plant will require cleaning during long dry spells. Cleaning may require large quantities of water depending on the manual labour available and degree of soiling. Sole responsibility for arrangement of water for site construction and cleaning modules as part of the O&M strategy shall be responsibility of Contractor .

- xiv. Power requirement during project construction may be catered from distribution utility through a temporary construction substation of suitable size or by an appropriately sized diesel generator set.
- xv. If opted for construction substation, same can be looked upon as an auxiliary supply source upon completion of project construction. Alternatively, contractor shall arrange diesel generator sets for construction power requirements.
- xvi. Any other details as are deemed necessary for the project.
- xvii. Govt. of India guidelines, MNRE Guidelines, Make in India policy, Domestic Content Requirement policy of Govt. of India, DPIIT Guidelines and all other Government prescribed regulation of Central as well as State Government to be followed. List of such guidelines applicable on the solar power project may also be mentioned in the EoI.
- xviii. **MODEL OF REVENUE SHARING:**

Party shall pay fixed annual rental for the Land provided on per Acre basis. These rates shall remain constant for two years and shall be enhanced thereafter for every year at the rate of 5% per annum of the previous year. Applicable taxes shall also be payable in addition to annual rental. Accordingly the EOI should include proposed model for revenue sharing from the project. The proposed Annual Rates per acre and applicable taxes payable to SSL on the same must be separately mentioned in the EoI.
- xix. Further parties are also required to submit information regarding :
 - a) Information regarding past experience in executing Solar Power Projects in India on turn- key basis. Evidence to be supported by Purchase Orders and Project completion certificates. In case of work orders from private firms, the experience shall be supported by TDS certificates.
 - b) Annual average turnover in the area of Solar Power Plants in last three completed financial years on 31st March 2021 i.e. 2018-19, 2019-20, 2020-21. The parties are required to submit audited balance sheets / Chartered Accountant Certified Statement for the last three years ending with 31.03.2021.
 - c) Details of established registered office in India with valid GST registration certificate.
- xx. Parties may also be required to make presentation regarding the proposed Mega Solar Project in front of authorised committee / Directors of company. Accordingly parties shall submit copy of presentation -with EOI.

4.3 Submission of EOI

Prospective parties may submit their “**Expression of Interest (EOI) for Development of Ultra Mega Solar PV Project at SSL, Sambhar Lake**” along-with relevant details online by uploading scanned copy in pdf, duly signed by authorized signatory on cpp portal. The EoI shall be address to following :

Deputy General Manager (Commercial)
Sambhar Salts Limited,
G-229, Sitapura Industrial Area,
Jaipur-302022 (Rajasthan)

For any clarification, you are requested to contact on Email: purchase@indiansalt.com.

4.4 No EMD/Bid Security is envisaged in the EOI stage. Bidders willing to participate in the open tender at later stage, will be required to Submit Bid Security as per the requirements of Bid Document. Details regarding Bid Security and CPG will be elaborated in Bid Documents of open tender.

4.5 Prospective Bidder acknowledges and agrees that:

- a. Company has issued this Expression of Interest with the best intention to explore the market for eligible and interested bidders and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements. Company may issue separate open tender for solar power project at SSL, Sambhar Lake, Rajasthan at later stage
- b. It is also agreed that Company in its sole discretion, may reject any and all proposals made by Bidders, may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- c. Prospective Bidders acknowledge and agree that response to the EOI is purely voluntary action on their part and for any expenditure on this account by them, company will have no obligation or liability to the prospective bidders in the event of cancellation of EOI.
- d. The details mentioned in this EOI document are indicative only and party is required to visit the site and gather the detailed on site information regarding the project, before submission of EOI.

Note: Parties are requested to keep themselves updated with the website www.indiansalt.com and www.eprocure.gov.in on regular basis for any addition/ deletion/ modification/clarification or notification in respect of this, at EOI stage and at bidding stage. No separate notification will be issued in any other media.