



**EXPRESSION OF INTENT
FOR
100 MW SOLAR PV PROJECT ON EPC BASIS
AT
SAMBHAR UNIT**

EOI No.	36 (Com)Purchase/2016-17
EOI Issue date	28.12.2016
Last date and time of Submission of EOI	19.01.2017 upto 15.00 Hrs at office of General Manager(Commercial),Sambhar Salts Limited, G-229,Sitapura Industrial Area,Dist.Jaipur (Rajasthan), Pin -302022
Date of opening of EOI	19.01.2017 at 15.30Hrs at office of General Manager(Commercial),Sambhar Salts Limited, G-229,Sitapura Industrial Area,Dist.Jaipur (Rajasthan), Pin -302022
Cost of EOI form	Rs. 1000/- by DD drawn in favour of Sambhar Salts Limited and payable atJaipur.

Sambhar Salts Limited

(A Government Enterprises)
CIN: U14220RJ1964GOI001188

Registered Office:G-229,Sitapura Industrial Area,Jaipur-302022 (Rajasthan)
Tel/Fax:0141-2771427/ 2771449
Unit :Sambhar Lake, Pin-303604,Dist.- Jaipur(Rajasthan)

Email : info@indiansalt.com / purchase@indiansalt.com / sambhar@bsnl.in

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 Intent from the interested parties/Public Sector Undertakings / Govt. bodies / Domestic as well as International Private Entrepreneurs for Development of 100MW solar power project at Sambhar (SSL), Distt. Jaipur (Rajasthan).

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

The power generated from the project shall be sold in the market and revenue generated from the same shall be shared between the SSL and the party. Accordingly the EOI should include proposed model for revenue sharing from the project.

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 35^oC while the maximum temperature can sometimes reach up to 50^o 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.

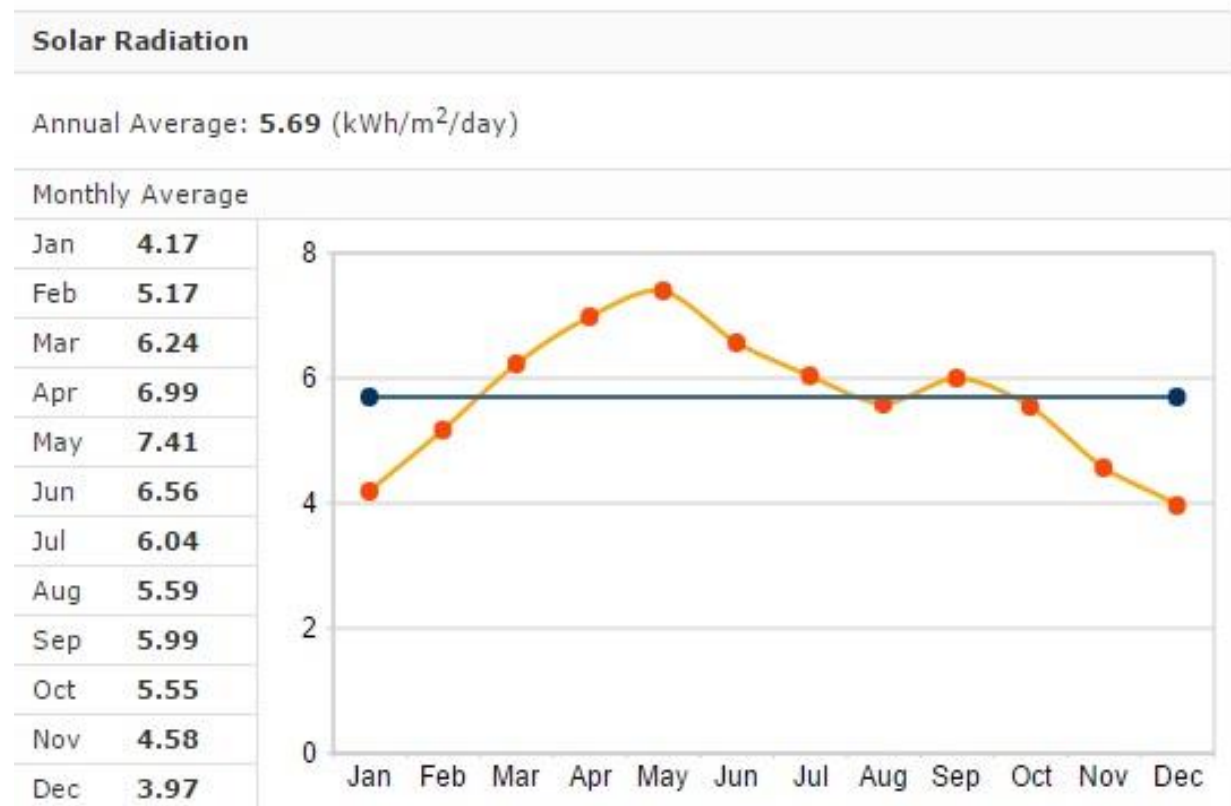
The state of Rajasthan, receives high amounts of solar radiation has highest visibility i.e., 250 -300 sunny days is an advantage of the location and accordingly, Sambhar has a potential of 2080 KW per m² per year translating to 5.70 KWh per day which is considered good for Solar projects/Renewable Energy. 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.

A piece of land of approx. 475 acres has been earmarked for installation of pilot projects of smaller capacity of 100 MW. Major part of the land is free-hold -khatedari land and part on leasehold basis. The land is located in Nawa on main Kuchaman Road, Distt. Nagaur (Raj.)

just 40 kms off from main Jaipur Ajmer National highway no. 8 with the scope of further expansion. The strategic advantage is the demographic location as it is situated nearby Kisangarh Industrial Area, Ajmer Smart City, proposed dedicated freight corridor near Phulera. Apart from above SSL has land on main Kuchaman Road, where further expansion of solar power project can be made.

DETAILS	DESCRIPTION
Total Land	58000 acres (99Years lease hold land)
Solar Potential	5.70 (kWh/m ² /day)
Best Pocket of Land Area Without Water logging	About 400 Acres(Free hold land)
Anticipated Solar Power on this land	100 MW
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 INTENT :

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 100 MW Solar Power Project.

4.2 SUBMISSION OF EXPRESSION OF INTENT BY INTERESTED PARTIES :

The party is required to develop the 100 MW 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 Intent for Execution of 100 MW Solar Power Project at Sambhar, which may include but not limited to following:

- Arranging, obtaining and maintaining all permits, licenses, approvals, no objection certificates, clearances from all authorities concerned in the name of Company or /and JV or its designated assignee(as the case may be), to enable unhindered smooth progress of all works during construction up-to power generation and injection to CTU Grid including operation of the Plant.
- Procurement of all equipment required for setting up of the rated capacity of the plant, power evacuation and transmission requirements at specified voltage.
- 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.
- Providing control room and administrative building inside plant and tele-communication network for inside and outside plant communication.
- Providing SCADA system and solar radiation and weather monitoring system within plant for information and control of required parameters.
- Providing suitable grid compliant Reactive power management system & metering system.
- Compliance with all legal requirements of the Country and State where the Project is located.
- Commissioning the power plant to its full capacity, delivering power to CTU Substation.
- 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.
- Any other activity deemed fit and necessary for execution and operation of the Project as per prudent utility practices.

- **Estimated Cost of the project and Proposed Time period for execution of project.**

- **MODEL OF REVENUE SHARING:**

Power generated from the project shall be sold in the market and revenue generated from the same shall be shared between SSL and the party. Accordingly the EOI should include proposed model for revenue sharing from the project.

- Further parties are also required to submit information regarding :
 - i) 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.
 - ii) Annual average turnover in the area of Solar Power Plants in last three completed financial years i.e. 2015-16, 2014-15, 2013-14. The parties may also submit audited balance sheets for the last three years ending with 31.03.2016.
 - iii) Details of established registered office in India with valid Central/State VAT/TIN registration certificate.

Parties may also be required to make presentation regarding the proposed 100 MW Solar Project in front of authorised committee / Directors of company. Accordingly parties shall submit copy of presentation in CD along-with EOI.

5. Submission of EOI

Prospective parties may submit their 'Expression of Intent' duly signed by the authorized signatory and presentation in CD along with relevant details by **19.01.2017 till 03:00 PM**, in a sealed cover super scribing "**Expression of Intent(EOI) for Development of 100MW Solar PV Project at Sambhar**" address to following :

The 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.

While no EMD/Bid Security is envisaged in the EOI stage, Bidders willing to participate in the Bidding round, 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.

Company reserves the right to reject any or all EOIs without assigning any reason thereof.

Prospective Bidder acknowledges and agrees that:

- a. Company has issued this Expression of Intent 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.
- 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.

Note: Parties are requested to keep themselves updated with the website www.indiansalt.com 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.