



Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh



Solar Energy Corporation of India Limited
(A Government of India Enterprise)
CIN: U40106DL2011GOI225263

6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar,
New Delhi-110023, India

Tel: 011 - 24666200, Fax: 011 - 24666231
E mail: contracts@seci.co.in; sandeep@seci.co.in

Tender

For

**Design, Engineering, Supply, Construction, Erection,
Testing, Commissioning including 5 Years Plant
O&M of 2MW (AC) Solar PV Power Plant with 01 MW
BESS**

At

KAZA, Himachal Pradesh

Tender No.: [SECI/C&P/MI/00/0011/2022-23](#)

Dated: 17/02/2023

2 MW (AC) Solar PV with 1 MW BESS	<u>Tender No.</u> SECI/C&P/MI/00/0011/2022-23	<u>COVER PAGE</u> Page 1 of 3	<u>Signature of Bidder</u>
-----------------------------------	--	----------------------------------	----------------------------

TABLE OF CONTENTS

DESCRIPTION	PAGE NO.
SECTION - I : Invitation for Bids (IFB)	1 - 10
SECTION - II : Instructions to Bidders (ITB)	1 - 45
SECTION - III : Bid Data Sheets (BDS)	1 – 5
Annexure to Bid Data Sheet (BDS) : Qualifying Requirements (QR)	1 – 7
SECTION - IV : General Conditions of Contract (GCC)	1 - 80
SECTION - V : Special Conditions of Contract (SCC)	1 - 10
SECTION - VI : Sample Forms & Formats	1 - 53
SECTION - VII : Scope of Work & Technical Specifications	Attached as Annexure A-K & Technical Specifications
SECTION - VIII : Schedule of Rates (SOR)/ Price Schedule (PS)/ Format for Price Bid	1 – 3

DISCLAIMER

1. Though adequate care has been taken while preparing the tender document, the bidder(s) shall satisfy themselves that the document is complete in all respect. Intimation regarding any discrepancy shall be given to the office of Employer immediately. If no intimation is received from any bidder within **10 (Ten) days from the date of issuance of Tender documents**, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder(s).
2. Solar Energy Corporation of India Ltd (SECI) reserves the right to modify, amend or supplement this document.
3. While this tender document has been prepared in good faith, neither SECI nor their employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document, even if any loss or damage is caused by any act or omission on their part.
4. All rights reserved. No part of this document may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of SECI, except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law.

Place: New Delhi

Date: 17/02/2023



Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh



SECTION - I

INVITATION FOR BIDS (IFB)

2 MW (AC) Solar PV with 1
MW BESS

Tender No.
SECI/C&P/MI/00/0011/2022-23

IFB
Page 1 of 10

Signature of
Bidder



Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh

Domestic Competitive Bidding

**(SINGLE STAGE TWO ENVELOPE BIDDING FOLLOWED BY E-REVERSE AUCTION)
UNDER E-TENDERING**

INVITATION FOR BIDS (IFB)

FOR

**TENDER FOR DESIGN, ENGINEERING, SUPPLY, CONSTRUCTION, ERECTION, TESTING,
COMMISSIONING INCLUDING 5 YEARS PLANT O&M OF 2MW (AC) SOLAR PV POWER PLANT
WITH 01 MW BESS**

AT

KAZA, HIMACHAL PRADESH

1.0 INTRODUCTION

- 1.1 Himachal Renewables Ltd. is a Joint Venture company of Solar Energy Corporation of India Limited (SECI) and Himachal Pradesh State Electricity Board Ltd. (HPSEBL). As per the joint venture agreement between SECI and HPSEBL, SECI has been responsible for preparing the tender documents for supply and installation of a 2 MW Solar PV Power Plant with 1 MW/1 MWh BESS in Kaza, Himachal Pradesh for HRL.
- 1.2 The selection of the Contractor for the “Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh” has been entrusted to Solar Energy Corporation of India Limited (A Government of India Enterprise) incorporated under the Companies Act, 2013, having its Registered Office at 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023 (hereinafter referred to as ‘SECI’).
- 1.3 SECI therefore on behalf of the Joint Venture company of Solar Energy Corporation of India Limited (SECI) and Himachal Pradesh State Electricity Board Ltd. (HPSEBL), invites bids from eligible bidders to participate in Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh.

2.0 PUBLIC PROCUREMENT POLICY:

Wrt. Ministry of New & Renewable Energy (MNRE) Order No 283/22/2019-Grid Solar Dated 23rd Sep 2020 for the Public Procurement (Preference to Make In India) including any amendments

2 MW (AC) Solar PV with 1 MW BESS	<u>Tender No.</u> SECI/C&P/MI/00/0011/2022-23	<u>IFB</u> Page 2 of 10	<u>Signature of Bidder</u>
--	--	------------------------------------	---------------------------------------



thereto, so as to Provide Purchase Preference (linked with local content) with respect to Renewable Energy (RE) Sector & Department for promotion of Industry and Internal Trade (DPIIT) Notification No. P-45021/2/2017-PP (BE-LI) dated 4th June, 2020 including any amendments, the procurement of Solar Modules & Solar Cells for the subject tender will be supplied through Class I Local Suppliers only. A Class-I local supplier' means a Supplier or Service Provider, whose Goods, Services or works offered for Procurement, has Local Content equal to or more than 50%, as defined under the above said orders.

3.0 APPROVED LIST OF MODELS & MANUFACTURES:

The provisions as contained in the O.M. dated 10.03.2021 issued by MNRE on the subject "Approved Models and Manufacturers of Solar Photovoltaic Modules (requirement of compulsory registration) Order, 2019-Implementation-Reg." and its subsequent amendments and clarifications, shall be applicable for this tender. The Modules used in this tender shall be sourced only from the Models and Manufacturers included in the List-I (Solar PV Modules) of ALMM Order, Annexure-I of the OM, issued by MNRE on 10th March 2021 which will be updated by MNRE from time to time. The modules to be supplied under this tender, shall be from the List-I of the ALMM order applicable on the date of invoicing of such modules. Bidders shall also provide a disclosure regarding that they are aware of binding provisions of the ALMM order and the list(s) thereunder, while quoting for the tender.

4.0 The complete Bidding Documents are available at ISN-ETS portal <https://www.bharat-electronictender.com>, Central Public Procurement portal (CPPP) of Gol at www.eprocure.gov.in as well as on SECI's website <http://www.seci.co.in>. However, for the purpose of participation, the official copy of the bidding documents shall only be downloaded from SECI's e-tendering portal at <https://www.bharat-electronictender.com>, as per the provisions available therein. Accordingly, the online bid also has to be uploaded by the respective bidders at <https://www.bharat-electronictender.com> only & no other mode of participation is permitted for this tender document other than ISN-ETS Portal.

5.0 Interested bidders have to necessarily register themselves on the portal <https://www.bharat-electronictender.com> through M/s Electronic Tender.com India Pvt Ltd (ETI), New Delhi to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal for which they are required to contact M/s ETI, New Delhi to complete the registration formalities. The address of M/s ETI is mentioned on the Bid Information Sheet. All required documents and formalities for registering on ETI are mentioned in the subsequent bidding documents.

They may obtain further information regarding this IFB from the registered office of SECI at the address given on the Bid Information Sheet from 10:00 hours to 17:00 hours on all working days till the last date of the Bid Submission.

For proper uploading of the bids on the portal namely <https://www.bharat-electronictender.com> (*hereinafter referred to as the 'portal'*), it shall be the sole responsibility of the bidders to apprise

2 MW (AC) Solar PV with 1 MW BESS	<u>Tender No.</u> SECI/C&P/MI/00/0011/2022-23	<u>IFB</u> Page 3 of 10	<u>Signature of Bidder</u>
--	--	------------------------------------	-----------------------------------