



Solar Energy Corporation of India Limited

(A Government of India Enterprise)

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Tender

For

“The Manufacturing, Testing, Packing and Forwarding, Supply and Transportation of 900 MWp domestically manufactured Solar PV Modules with domestically manufactured Solar Cells”

Tender No.: [SECI/C&P/OP/11/012/2023-24](#)

Dated: 20.02.2024

900 MWp Module Package	Tender No <u>SECI/C&P/OP/11/012/2023-24</u>	COVER PAGE Page 1 of 3	Signature of Bidder
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TABLE OF CONTENTS

DESCRIPTION	Page No.
SECTION - I: Invitation for Bids (IFB)	IFB: 1-16
SECTION - II: Instructions to Bidders (ITB)	ITB: 1-51
SECTION - III: Bid Data Sheets (BDS)	BDS: 1-4
Annexure to Bid Data Sheet (BDS): Qualifying Requirements (QR)	QR: 1-9
SECTION - IV: General Purchase Conditions (GPC)	GPC: 1-44
SECTION - V: Special Purchase Conditions (SPC)	SPC: 1-9
SECTION - VI: Sample Forms & Formats	SFF: 1-58
SECTION - VII: Scope of Work & Technical Specifications	TS: 1-18
SECTION - VIII: Schedule of Rates (SOR)/ Price Schedule (PS)/ Format for Price Bid	SOR: 1-2

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Place: New Delhi

Date: 20.02.2024



Solar Energy Corporation of India Limited

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SECTION - I

INVITATION FOR BIDS (IFB)

900 MWp Module
Package

Tender No
SECI/C&P/OP/11/012/2023-24

IFB
Page 1 of 16

Signature of Bidder

INVITATION FOR BIDS (IFB)

FOR

“THE MANUFACTURING, TESTING, PACKING AND FORWARDING, SUPPLY AND TRANSPORTATION OF 900 MWP DOMESTICALLY MANUFACTURED SOLAR PV MODULES WITH DOMESTICALLY MANUFACTURED SOLAR CELLS”

(Single Stage Two Envelope Bidding followed by e-Reverse Auction)

Under e-Tendering

1 INTRODUCTION

Solar Energy Corporation of India Limited (SECI) is a CPSU under the administrative control of the Ministry of New and Renewable Energy (MNRE), set up on 20th Sept, 2011 to facilitate the implementation of JNNSM and achievement of targets set therein. It is the only CPSU dedicated to the solar energy sector. It was originally incorporated as a Section-3 (not for profit) company under the Companies Act, 2013.

In the present outlook of the RE sector, especially solar energy, SECI has a major role to play in the sector's development. The company is responsible for implementation of a number of schemes of MNRE for large-scale grid-connected projects under JNNSM, solar park scheme and grid-connected solar rooftop scheme along with a host of other specialised schemes. In addition, SECI is also developing its own Solar, Floating & Hybrid innovative RE Projects & is providing consultancy services to various major CPSUs for developing turnkey basis RE Projects. The company also has Category I Power Trading License and is active in this domain through trading of solar power from projects set up under the schemes being implemented by it.

2 CAPACITY CONFIGURATION

- 2.1 The total capacity of PV Modules to be procured under this tender, excluding Mandatory Spares, is 900 MWp.
- 2.2 The total capacity is divided into 09 (nine) Packages of 100 MWp each.
- 2.3 The bidder may quote in any one of the following configurations as tabulated below:

Package Quoted for	Equivalent Capacity
01	100 MWp
02	200 MWp
03	300 MWp
04	400 MWp
05	500 MWp
06	600 MWp
07	700 MWp
08	800 MWp
09	900 MWp

- 2.4 Bidder cannot quote for any intermediary package capacities. Ex: Any random package of 150 MWp, 250 MWp, 350 MWp etc. are not allowed under this bidding process.
- 2.5 The bidders are required to provide their firm intent of package/packages and the Route of participation (either Route I or Route II as per the Technical Qualifying Requirement) under the covering letter of the Section-VI “Sample Forms and Formats”, mentioning the total number of package/packages. Once quoted during the bidding stage, the capacity as quoted by the bidder cannot be changed during the entire tendering process and the e-RA will be conducted accordingly based on the quoted firm package/packages by the bidder.
- 2.6 The Technical and Financial eligibility conditions as set forth in the Annexure to BDS section is as per 01 (One) Package of 100 MWp. In case the bidder’s

participation is for 02 packages, 03 packages and so on till 09 packages the Technical and Financial eligibility conditions will be required to be met by the bidder accordingly in the multiple of 2,3 and so on till 9 respectively.

- 2.7 The total capacity of 900 MWp is proposed to be awarded to single/multiple bidders in Single/Multiple package/packages.
- 2.8 The Owner reserves the right to increase or decrease the quoted PV Module capacity by $\pm 10\%$ at the time of placing of the order on the same price, terms, and conditions of the contract.

Illustration for single package:

Quoted Package Capacity	= 100 MWp
Minimum Awarded Package Capacity	= $0.90 \times 100 = 90$ MWp
Maximum Awarded Package Capacity	= $1.10 \times 100 = 110$ MWp

- 2.9 **The Owner reserves the right to place a repeat order up to an additional quantity of 100% (Hundred percentage) of the respective awarded PV Module package capacity on the same price, terms, and conditions of the original contract, by providing suitable extension in delivery period for the additional repeat order quantity. The provision of such additional requirement of supply upto 100% on repeat order basis will be done on mutual agreement basis & the award of such repeated order will be done maximum within 06 months of the original awarded capacity.**
- 2.10 **The size of such repeat order will be in the lot size of 100 MWp only. However, at times there may be the requirement of residual MWp capacities also, based on the actual requirement of the project and the same will be placed on pro rata basis. Ex.: In case of 160 MWp requirement, 100 MWp lot size + 60 MWp calculated on pro rata basis (price, terms & conditions) will be ordered on repeat basis.**
- 2.11 **For the case of Repeat Order as mentioned above in clause 2.9, the bidder must qualify the mandatory General, Technical and Financial QR (based on original tender date) as laid down in Annexure to BDS section for the repeat order quantity. Such Qualification Requirements will be over and**

900 MWp Module Package	<u>Tender No</u> SECI/C&P/OP/11/012/2023-24	<u>IFB</u> Page 4 of 16	<u>Signature of Bidder</u>
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above the QR met by the bidder during the initial stage of bid submission for the original quantity. Bidder must also submit PBG for the repeat order quantity. Such QR and PBG will be calculated on pro rata basis in line with the QR stated in the Annexure to BDS Section.

2.12 The repeat order will be done on the L1 matched price on the basis of the Supplier's original ranking formed at the time of bidding, before the L1 matching process. Ex.: L1 will be first given the repeat order, then L2, then L3 and so on. In case of refusal of repeat order acceptance to the offered Supplier, the next rank Supplier will be offered the capacity and so on. In case all the lots are being secured by single Supplier only and he also accepts the repeat order then the capacity of repeat order will be exhausted there itself.

2.13 The Supplier shall supply 0.5% of awarded Package Capacity as Mandatory Spares in addition to the awarded Package.

Illustration:

Awarded Package Capacity	= 100 MWp
If Nominal Power Rating of awarded PV Module is 540 Wp, then Minimum number of PV Modules to be supplied excluding Mandatory Spares, rounded-off to next integer	= $(100 \times 10^6) / 540 = 1,85,185$
Mandatory Spares, rounded-off to one decimal place	= $0.5\% \times 100 = 0.5 \text{ MWp}$
Minimum number of PV Modules to be supplied as Mandatory Spares, rounded-off to next integer	= $(0.5 \times 10^6) / 540 = 926$
Total number of PV Modules to be supplied	= $1,85,185 + 926 = 1,86,111$
Total PV Module Capacity to be supplied	= 100.5 MWp

2.14 The Bidder must offer only one type of PV Module Technology: Crystalline Technology, with the same dimensions.