



SJVN LIMITED

(A joint venture of Govt. of India & Govt. of Himachal Pradesh)

BID DOCUMENT

NOTICE INVITING TENDER FOR DESIGN, ENGINEERING, SUPPLY, ERECTION, TESTING, COMMISSIONING AND COMPREHENSIVE O&M FOR THREE YEARS OF 75 MW (AC) OF SOLAR POWER PROJECT AT PARASAN SOLAR PARK IN UTTAR PRADESH

(DOMESTIC COMPETITIVE BIDDING)



Bid Document NO: SJVN/CHQ/ECD/SPP-UPNEDA/2021

May, 2021

Regd. & Corporate Office

Corporate Headquarter,
Shakti Sadan, Shanan
P.O. Malyana, Shimla –171006(H.P.)
Website: www.sjvn.nic.in
CIN No:L40101HP1988G01008409



I N D E X

SECTION	DESCRIPTION
I	Notice Inviting Tender (NIT)
II	Instructions to Bidders (ITB)
III	Conditions of Contract (CC)
IV	Technical Specifications (TS)
V	Bid Response Sheets (BRS) & Annexures
VI	RFS bearing No. 01/UPNEDA/Solar Park/RfS/2021 dated 29.01.2021 issued by Uttar Pradesh New and Renewable Energy Development Agency (UPNEDA)



SECTION-I

NOTICE INVITING TENDER (NIT)



SJVN LIMITED

(A joint venture of Govt. of India & Govt. of Himachal Pradesh)

NOTICE INVITING TENDER

BID DOCUMENT NO: SJVN/CHQ/ECD/SPP-UPNEDA/2021

SUBJECT: NOTICE INVITING TENDER FOR DESIGN, ENGINEERING, SUPPLY, ERECTION, TESTING, COMMISSIONING AND COMPREHENSIVE O&M FOR THREE YEARS OF 75 MW (AC) OF SOLAR POWER PROJECT AT PARASAN SOLAR PARK IN UTTAR PRADESH

- 1.1 SJVN Limited, invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) with Reverse Auction for “Design, Engineering, Supply, Erection, Testing, Commissioning and Comprehensive O&M for three years of 75 MW (AC) of Solar Power Project at Parasan Solar Park in Uttar Pradesh”. The Solar Modules and Cells to be used for this project shall be sourced only from the Model and Manufactures included in the latest “Approved List of Models and Manufactures (ALMM)” issued by MNRE.
- 1.2 Accordingly, SJVN invites online e-tender from the EPC vendors enlisted under the EoI No. SJVN/CHQ/ECD/Enlistment-Solar/2020 in accordance of the terms & conditions stipulated in this Bid Document.

1.3 BRIEF DETAILS/KEY DATES

Sl. No.	Description of Item	Particulars
1.	Brief Scope of Work	Design, Engineering, Supply, Erection, Testing, Commissioning and Comprehensive O&M for Three Years of 75 MW (AC) of Solar Power Project at Parasan Solar Park in Uttar Pradesh.
2.	Sale of Power & PPA	SJVN intends to enter into Power Purchase Agreement with Discoms in response to “Request for Selection (RfS) Issued Vide RfS No. 01/UPNEDA/Solar Park/RfS/2021 dated 29.01.2021
3.	(a) Duration of Engineering, Procurement and Construction (EPC). (b) Duration of Comprehensive Operation & Maintenance.	(a) 15 months from the date on which letter issued to the contractor for handing over of land by SJVN which shall be based on handing over of the land by SPIA/LSPDCL (Lucknow Solar Power Development Corporation Limited) on as is where is basis. (b) 03(three) years from the date of completion of operational acceptance.



Sl. No.	Description of Item	Particulars
4.	Cost of bid document (non-refundable)	Rs. 5000.00 (Rs. Five Thousand only) +18% GST
5.	Bid Security/Earnest Money Deposit (EMD)	Declaration of bid security/Earnest Money Deposit requirement as per Attachment-3
6.	Bid documents available for downloading	From 21.05.2021 at 18:00 Hrs. to 11.06.2021 till 12:00 Hrs.
7.	Website for downloading of Bid Document / uploading of filled in Bid Response Sheets(BRS) only in e-mode	https://sjvn.abcprocure.com .
8.	Date & Time of Pre-Bid meeting	31.05.2021 at 11:00 Hrs.
9.	Venue of Pre-Bid Meeting	SJVN Headquarters, Shanan, Malyana, Shimla (through VC)
10.	Last date and time of submission of bid	11.06.2021 & Time: 13:00 Hrs
11.	Date & time of opening of Techno-commercial Bid	Date 11.06.2021 & Time :14:00 Hrs
12.	Date & time of opening of Price Bid	Will be notified to techno commercially qualified bidders.
13.	Last date of submission of documents in hard copy.	Date 14.06.2021 & Time :18:00 Hrs
14.	Date and Time Start for E –Reverse Auction (if Conducted)	Will be informed by SJVN to qualified Bidders
15.	Address for submission of sealed hard copy of Techno-commercial bid & opening of Bids.	General Manager (Electrical Contracts Deptt.), Corporate Headquarter, Shakti Sadan, Shanan, P.O. Malyana, Shimla –171006 (H.P.)
16.	Currency of bid	Indian Rupees (INR)
17.	Bidder's Eligibility Criteria	Bidders intending to participate in this bid shall fulfill the Eligibility Criteria as per Clause 1.4 of the NIT



Sl. No.	Description of Item	Particulars
18.	Period of bid Validity	180 days from the last date of submission of bids prescribed by SJVN and any extension thereof.
19.	Address for submission of queries regarding NIT, if any	General Manager (Electrical Contracts Deptt.), Corporate Headquarter, Shakti Sadan, Shanana, P.O. Malyana, Shimla –171006 (H.P.)

1.4 BIDDER'S ELIGIBILITY CRITERIA

The EPC vendors enlisted under the EoI No. SJVN/CHQ/ECD/Enlistment-Solar/2020 shall be eligible to participate in this NIT (hereinafter called "Bidders") subject to fulfilling the following eligibility criteria:

1.4.1 **Technical Criteria:** Not Applicable.

1.4.2 **Financial Criteria:**

- i) The Bidder should have an Annual Average Turnover for the last three (03) Financial Years, ending on [31st March of the last Financial Year] as below:-

Eligibility criteria	Amount (In INR)
Annual Average Turnover for the last three (03) Financial Years, ending on 31st March of the last Financial Year	Rs. 112.5 Crore.

In case where audited results for the last Financial Year are not available, the financial results certified by a practicing Chartered Accountant shall be accepted.

- ii) The Net Worth must be positive during last financial year ending 31st March. Further, out of the last three financial years, the Net Worth should be positive in minimum two years. Computation of Net Worth shall be based on unconsolidated audited annual accounts of the last financial years immediately preceding the Application submission Deadline.

- iii) Following evidence/proof is to be submitted by the applicant in support of fulfillment of "**Financial Criteria**":

- Annual report, Audited financial statements.
- Net worth Certificate, in support to clause 1.4.2(i)/1.4.2 (ii) above.
- Besides Annual report/Audited financial statements, the bidders are required to submit Statutory Auditor/CA Certificate in support of Net worth, turnover & working capital etc.

Such certificate(s) should contain Unique Document Identification Number (UDIN), duly generated by Statutory Auditor/practicing Chartered Accountant.

- iv) **Note for Clause No 1.4.2:**

- a) For Annual Turnover indicated in foreign currency, the exchange rate as on last date of the closing of the Financial Year, year wise will be considered. The rate of SBI Bill selling rate on closing basis will be considered for evaluation purpose of Annual Turn Over, Net worth etc.

- b) The definition of Net-Worth shall be as below:

"net worth" means the aggregate value of the paid-up share capital and all reserves created out of the profits, **securities premium account and debit or**



credit balance of profit and loss account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

- c) For the purposes of meeting financial requirements, only unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) equity in each company whose accounts are merged in the audited consolidated accounts.
- d) In case the Bidder does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the Holding Company. In such an event, the Bidder would be required to furnish a Letter of Undertaking from the Holding Company along with its Bid as per the format enclosed at **Attachment-18**, supported by the Holding Company's Board Resolution, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

1.4.3 Bidders who have been banned/ de-listed/ black listed/ debarred from business by any PSU/any Government Department/Ministry during last 03 (three) years shall be ineligible to bid. Self-declaration in this regard is to be submitted as per **Attachment-05** of Section-V: BRS & Annexures.

1.5 SCOPE OF WORK

The Scope of works of the contractor under the contract shall involve end to end delivery of the commissioned plant to SJVN, which will include (but not limited to) the development of land, design, engineering, procurement of equipment and material, testing at manufacturer's works, packing and forwarding, transportation, supply, receipt and unloading at site, storage, insurance at all stages, associated civil works, electrical works, services, permits, licenses, installation, erection, testing, commissioning, performance demonstration and operational acceptance of 70 MW (AC) Grid Interactive Solar PV Power Plant on turnkey basis along with comprehensive Operation & Maintenance of 3 (three) years thereafter.

The scope of the contractor shall be deemed to include all equipment, materials and services which although are not specifically mentioned in the bid documents and/or in contractor's proposal but are necessary for the satisfactory operation of the Solar PV system and its integration with evacuation system provided by State Electricity Authority(s)/ CTU.

Detailed scope of Supply and Services is mentioned in Part-B of Section-IV: Technical Specifications) of this Bid Document.

1.6 PROCEDURE/REQUIREMENTS FOR E-TENDERING

1.6.1 Pre Requisite of e-tendering:

- (i) **Bidder shall be a registered user of SJVN's e-tendering portal (i.e.**
- (ii) <https://sjvn.abcprocure.com>.
- (iii) **System Requirements:**
 - (a) An Internet connection with minimum 1 Mbps speed.
 - (b) Operating System should be Windows XP Service Pack -3 / Vista / Windows 7 / Windows 8
 - (c) Supported Browsers : Internet explorer – 6.0 or Higher/ Mozilla Firefox 13.0 or Higher / Google Chrome
 - (d) System Access with Administrator Rights



- (e) Digital Certificate: To participate in an e-Tender/NIT, you need to have a valid Digital Certificate (Signing + Encryption) from certifying authority of India as per the IT Act, 2000.
- (iv) Detailed information for System Requirements along with screen-shots for procedure of system settings is also available at the portal. Bidder may download a document pertaining to “Minimum System Requirements” from the link given below:
<https://sjvn.abcprocure.com/EPROC/ajaxcall/downloadfile/197602/140>

1.6.2 Digital Signature Certificate:

For participating in e tendering (i.e. for login, uploading & downloading the NIT document & submission of e-Bids), the bidder must have a Digital Signature/Digital Security Certificate in the name of authorized representative of the Bidder. Digital signature can be obtained from any of the authorized agencies of CCA (Controller of Certifying Authorities). For this, a separate processing fee would be payable to the authorized agency of CCA.

1.6.3 Registration on SJVN's e-Tendering Portal

- (i) The Bidder intending to participate in the e-tendering has to register themselves in the portal <https://sjvn.abcprocure.com> as mentioned above in clause
- (ii) If a Bidder is already registered and going to participate in the tender, the Bidder shall ensure that his registration in the system is valid till the completion of the entire tendering process.
- (iii) **Relevant information to be required during the registration process are also available on the portal. Bidder may download the bidder manual from the link given below:**
<https://sjvn.abcprocure.com/EPROC/ajaxcall/downloadfile/114741/95>
- (iv) All the Bidders are requested to get themselves registered well in advance and no extra time will be considered for the delay in on-line Vendor/Bidder Registration, if any. In case Bidders wait till the last moment for registration/uploading of Bids, and if any technical problem is encountered at that time and the closing time lapses, SJVN shall not be responsible in any manner for such delay/ or any other reason thereof.
- (v) **Registration Fee:** The fees for Vendor Registration in the portal is **Rs. 2600 + GST** (Non-refundable) payable in favour of **e-procure technologies**.
Detailed procedure and instructions for online payment, along with screen-shots, is also available at the e-tendering portal. Bidder may download a document pertaining for “Instructions for Online Payment” from the following link <https://sjvn.abcprocure.com/EPROC/ajaxcall/downloadfile/194685/138>

1.6.4 Downloading Bid Document

- (i) The detailed Tender (Bid) Document shall be available on SJVN e-tendering portal i.e. <https://sjvn.abcprocure.com>. The Notice Inviting Tender (NIT) shall also be available on www.sjvn.nic.in and CPP portal i.e. <http://eprocure.gov.in/cppp/>.
- (ii) In case of any amendment/addendum/corrigendum (s) to this Tender, the same shall be issued on <https://sjvn.abcprocure.com>, www.sjvn.nic.in and <https://eprocure.gov.in/cppp/>. No notice shall be issued in any other form.
- (iii) Bidder needs to access e-Tender portal of SJVN (<https://sjvn.abcprocure.com>) to access Bid document, after completing registration formality and successful login bidder needs to process for Tender Fee / Document Fee and after that bidder can download details tender document.

Download Document link is available at the end of every tender notice along with access to Corrigendum.

1.6.5 Bid Submission



- Bidder needs to login first on the tendering portal of SJVN, (i.e. <https://sjvn.abcprocure.com>)
- Search tender by filling necessary searching criteria after Login.
- After finding the tender on the screen , Click on the “Dashboard”
- Click on “Declaration” & then Click on “I Agree”
- Click on the “Tender Fees”& Pay the Tender Fees Online
- Click on the “EMD”& Pay the EMD Online
- Click on “Prepare Bid” & Fill necessary Forms (Schedules)
- After filling Price Bid Form click on “Final Encrypt”
- After filling all forms & final Encryption of Price bid Click on “Final Submission”
- After Final Submission bidder will get receipt of Final Submission of their Bid

1.6.6 Bidders shall be required to arrange all resources, including Digital Signature and Internet Connections at their own cost, for participating in online tenders/ bids at the portal.

1.6.7 All the bidders are requested to get themselves registered well in advance and no extra time will be considered for the delay in on-line Vendor Registration, if any. In case bidder waits till the last moment for uploading bids, and if any technical problem is encountered at that time and the bid closing time may elapses, SJVN shall not be responsible in any manner for such delay/ or any other reason thereof .

1.6.8 E-Reverse Auction:-

SJVN may also opt for e-Reverse Auction subsequent to opening of Price Bids. The intimation of the same shall be given to eligible bidders in advance. The procedure for e-Reverse Auction shall be as specified in **Annexure 9** of Section-V: Bid Response Sheets & Annexures (BRS) of this bid document.

1.6.9 Assistance/clarification regarding e-Tendering Process

For any assistance/clarification for registration, downloading of document, submission of Bids and any other information regarding e-Tendering, Bidders may contact to M/s e-Procurement Technologies Ltd. (Service Provider) having the following contact details:

E-Procurement Technologies Ltd

A-201-208, Wall Street – II / Opp. Orient Club,

Nr. Gujarat College / Ellisbridge,

Ahmedabad-380015, Gujarat, India

Tel: +91-79-40016802, +91-909929655, +91-9099090830, +91-8091381583.

Bidders may also contact following officials of M/s e-Procurement Technologies Ltd for assistance in respect of e-Tendering process:

Mr. Nitesh Vashista- Mob.- 9265562822, e-mail: nitesh.vashista@eptl.in

Mr.Raman –Mob.- +91 - 9265562832, e-mail: dehradun.sjvn@eptl.in

Mr. Chandrakant Sharma, Mob.- +91-9265562831, e-mail: jhakri@eptl.in

1.7 EARNEST MONEY DEPOSIT (EMD)

1.7.1 The bidder shall furnish a Declaration of bid security/Earnest Money Deposit requirement as per **Attachment-3**.

1.7.2 Any bid not accompanied by requisite declaration of bid security/Earnest Money Deposit as per **Attachment-3** shall be rejected by SJVN as being non-responsive.

1.7.3 Preference to MSME/SSI registered with MSME/National Small Industries Corporation (NSIC)/Designated Agency/Startups as recognized by DIPP will be governed by the regulation(s) of the Government of India issued from time to time. Bidders are required to submit a copy of MSME/NSIC Certificate/Certificate of recognition as start up from DIPP/relevant certificate along with their bids in accordance with the procedure stipulated in



the bid documents in a separate envelope at the time of submission of bid as per provision of NIT. Non-submission of NSIC Certificate along with the bid may lead to denial of exemption/ preference sought / allowed.

- 1.8 All the Bidders shall enter into an Integrity Pact (to be executed on plain paper) with the Employer at the time of submission of Bids. Successful Bidder shall submit duly executed Integrity Pact on Non-Judicial Stamp Paper of appropriate value prior to signing of Contract Agreement.
- 1.9 Bidders are required to submit their bids as per the date and time indicated under Clause No. 1.3.

1.10 SELECTION OF EPC CONTRACTOR FOR PROJECT

Enlisted parties who intends to participate in this e-tender and meets the eligibility criteria as mentioned at Clause No 1.4 of this Bid Document will have to submit their Techno-commercial Bid and Price Bid (“Offer”) in accordance with the procedures, terms and conditions as mentioned in this Bid Document. SJVN will declare the Bidder as the Successful Bidder, who meets the specified qualifying requirements, whose Bid has been determined to be substantially responsive to the bid documents, and who has offered the **lowest Cost/kWh** in pursuance to the bidding conditions.

- 1.11 SJVN reserves the right to reject any or all bids or cancel/withdraw the Notice Inviting Tender (NIT) and annul the process at any time prior to the issuance of letter of Award to the Successful Bidder without assigning any reason whatsoever and shall bear no liability whatsoever consequent upon such a decision.
- 1.12 Bidders are requested to keep themselves updated with the websites <https://sjvn.abcprocure.com>, www.sjvn.nic.in and eprocure.gov.in/cppp on regular basis for any addition / deletion / modification / clarification or notification in respect of this NIT. No separate notification or information will be issued in any other media.
- 1.13 The “Request for Selection (RfS) issued vide RfS No. **01/UPNEDA/Solar Park/RfS/2021 dated 29.01.2021** is attached as Section-VI.
- 1.14 For any enquiry/ clarification regarding detailed Tender for this assignment, the bidder may contact at the following address for communication:

General Manager (ECD)
SJVN Ltd.
Shakti Sadan, Office Building Complex, Shanan,
Malyana Shimla (HP) - 171 006,
Ph. No.: +91-177-2660201,2660202, Telefax No. +91-177-2660200
Visit us at: www.sjvn.nic.in
E-mail : elect.contracts@sjvn.nic.in

*******END OF SECTION*******