

Name of Work:- Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3 M x 3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier .

NIT No: 01/SE/EE/FTR LKO/SSB/2022-23

INDEX

S.NO.	DETAILS	PAGE NO.
1	Index	1
2	Technical cum Eligibility Bid / Price Bid	2
3	Notice Inviting e-tender	3
4	Information and instructions for contractors for e-tendering.	4-5
5	List of Documents to be scanned and upload / Form A / Form B-1	6-8
6	CPWD 6 for e-tendering	9-14
7	Form CPWD 7 (A to F)	15-24
8	Terms and Conditions	25-32
9	Schedule of Work	33-35
10	Estimate /details of Control room	36-44
11	Integrity Agreement	45 -49

*Certified that this NIT contains 1 to 47 pages.*

**Executive Engineer ,  
Frontier hqrs, SSB  
Lucknow**

**Name of Work:-** Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3 Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier .

**This Bid document consists of :**

**Technical Cum Eligibility Bid / Price Bid**

**Technical Cum Eligibility Bid to be opened on 06.05.2022 at 1700 Hrs**

**Sashastra Seema Bal (SSB)****Notice Inviting e-tender**

The Executive Engineer, Frontier Hqr, SSB Lucknow invites online percentage rate e-tender on behalf of President of India from "Specialized Agencies" in two bid system for the following work.

NIT No.: 01/SE/EE/FTR LKO/SSB/2022-23

**Name of Work:-**

Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier.

**Estimated Cost: Rs. 2,27,10,165/-**

**Earnest Money: 4,54,203/-**

**Period of completion: 10 Months**

**Last date & time of submission of bid: 06.05.2022 at 1500 Hrs**

**The bid forms and other details can be obtained from the website [www.eprocure.gov.in](http://www.eprocure.gov.in)**

**INFORMATION AND INSTRUCTIONS FOR BIDDER FOR e-TENDERING**

The Executive Engineer, Frontier Hqrs, SSB, Lucknow invites online percentage rate e-tender on behalf of President of India from "Specialized Agencies" in two bid system for the following work.

S. No.	NIT NO.	Name of work and location	Estimated cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of online bid	Last date & time of submission of original EMD and other Document as specified in the bid document	Time & date of opening of tender
1	2	3	4	5	6	7	8	9
1	01/SE/EE/FTR/LKO/SSB/2022-23	Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier.	Rs. 2,27,10,165/-	Rs. 4,54,203/-	10 Months	Up to 1500 Hrs. on 05-05--2022	Up to 1500 Hrs. on 06-05--2022	At 1700 Hrs. on 06-05--2022

**Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted.**

(1) Should have satisfactorily completed the works as mentioned below during the last seven years ending previous day of last date of submission of bids.

**Three similar works each of value not less than Rs 90,84,066/ or two similar works each of value not less than Rs 1,36,26,099/ or one similar work of value not less than Rs 1,81,68,132/.**

**Similar work means work of " SITC of 10 KWp or above off Grid Solar Power Generation system". The value of executed work shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to previous day of submission of bids.**

(2) The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

(3) Information and Instructions for bidders posted on website shall form part of bid document.

(4) The bid document consisting of specifications, schedule of quantities of various types of

with and other necessary documents can be seen and downloaded from website [www.eprocure.gov.in](http://www.eprocure.gov.in) free of cost.

(5) Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favor of "Sr Accounts Officer, ZPAO, SSB (MHA) Lucknow" shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited in the office of Executive Engineer, Frontier hqrs, SSB, Lucknow within the period mentioned in the bid documents.

(6) The bid shall only be considered after depositing of original EMD in the form as mentioned at Sl no-5 above as well as submission of certified copies of the documents mentioned below to the Executive Engineer, Frontier Hqrs, SSB Lucknow within the period mentioned in the bid documents.

(7) Contractor can upload the documents in the form of PDF format.

(8) The Column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue Contractor must ensure to quote the amount on percentage above/below on the total amount.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0"(ZERO). Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0"(ZERO). However, if a contractor does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tenderer. Contractor must ensure to quote rate of each item.

(9) List of Documents to be scanned and uploaded and certified copy of the same to be submitted to the Executive Engineer, Frontier hqrs, SSB, Lucknow within the period mentioned in the bid documents.

1. Certificates of work completion issued by the competent authority.
2. Certificate of Registration of GST in the state of Uttar Pradesh or Undertaking that "if work is awarded to me, I/we shall obtain GST registration certificate within one month from date of receipt of award letter or before payment of 1st RA"
3. Copy of EPF and ESIC registration or undertaking if Not Applicable for EPF and ESIC registration.
4. The Annual financial statement for the last five year in (Form "A").
5. Certificate of Profit & Loss Statement of Five years ending 31/03/2022 from CA.
6. The bidder should submit solvency Certificate of minimum ₹ 90.84 Lakhs/(40% of ECPT) issued by his bankers.
7. The net worth Certificate of minimum ₹ 22.71 Lakhs/- (10% of ECPT) issued by the certified Chartered Accountant (on the format prescribed in form B-1)
8. Affidavit as per clause 1.2.3 of CPWD- 6.
9. Earnest Money Deposit.
10. Tender acceptance letter signed by the bidder.

NOTE- The Firms /Contractors registered under Micro Small and Medium Enterprises (MSME) are not exempted from payment of Tender fee and EMD in above mentioned work.

Executive Engineer

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

[Department User may ask for Tender Acceptance Letter instead of asking Signed Tender Document from the Bidders. This is a sample format; User may revise it as per their Tender Conditions]

To,

The Executive Engineer  
O/O Inspector General  
Frontier Hqs SSB,  
TC-35/Vibhuti Khand,  
Gomtinagar Lucknow-226010

Sub: Acceptance of Terms &amp; Conditions of Tender.

Tender Reference No.: 01/SE/EE/ATR/LKO/SSB/2022-23

Name of Tender/Work:- **Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier.**

Dear Sir,

I/We have downloaded/obtained the tender document (s) for the above mentioned 'Tender/Work' from the web site (s) namely: Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier.

1. As per your advertisement, given in the website [www.eprocure.gov.in](http://www.eprocure.gov.in).
2. I/We hereby certify that I/we have read the entire terms and conditions of the tender documents from including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I/We shall abide hereby by the terms/conditions/clauses contained therein.
3. The corrigendum (s) issued from time to time by your department/organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above mentioned tender documents (s)/corrigendum(s) in its totality/entirety.
5. I/We do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public sector undertaking.
6. I/We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organisation shall without giving any notice or reason therefore of summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder with Official seal)

**NIT No: 01/SE/EE/FTR/LKO/SSB/2022-23**

**FINANCIAL INFORMATION**

**(FORM "A")**

**I. Financial Analysis** - Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five financial years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

<b>Financial Years</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
<b>Gross Annual Turn Over</b>					
<b>Profit/Loss</b>					

**II. Financial arrangements for carrying out the proposed work.**

**Signature of Chartered Accountant with Seal**

**Signature of Bidder (s)**

**NIT No: 01/SE/EE/FTR/LKO/SSB/2022-23**

**Form "B-1"**

**FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT**

"It is to certify that as per the audited balance sheet and profit & loss account during the financial year....., the Net Worth of M/s ..... (Name & Registered Address of individual/firm/company), as on ..... (the considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30 % in last three years ending on (the relevant date)."

**Signature of Chartered Account**

.....

**Name of Chartered Accountant**

.....

**Membership No. of ICAI**

**Date and Seal**

**CPWD-6 FOR e-TENDERING**

1. Percentage rate tenders are invited on behalf of President of India invites online Percentage rate tenders in Two bid system from the Specialized Agencies who meet eligibility criteria given below in NIT for the following work.

**Name of Work:- Supplying, installation, testing and commissioning of 15 KWp off grid Solar Power Station including construction of control room (Size 3Mx3 M) each in 15 Border Out Posts (BOPs) of SSB under Lucknow Frontier.**

~~The enlistment of the contractors should be valid on the last date of submission of tenders.~~

~~In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.~~

- 1.1 The work is estimated to cost **Rs. 2,27,10,165/-**. This estimate, however, is given merely as a rough guide.

~~1.1.1~~ The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

- 1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents Conditions

- ~~1.2.1 Conditions for Non-CPWD contractors only, if bids are also open to non-CPWD contractors. For works estimated cost up to Rs. 20 Crore (the figure of Rs. 20 Crore may be modified as per bidding limit of CPWD class I/Group A contractors of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be)~~

**Note:-**

~~For works costing above Rs. 5 Crore but up to Rs. 20 Crore, (the figure of Rs. 5 Crore and Rs. 20 Crore may be modified as per bidding limit of CPWD class II/Group B and CPWD Class I/ Group A contractors respectively of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be) when bids are open to non-CPWD contractors also, then class II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1~~

above ..... **NOT APPLICABLE**

- ~~1.2.2~~ Criteria of eligibility for CPWD as well as non-CPWD contractors

**Specialized Agencies.** (For specialized work).

~~For works estimated to cost above Rs. 20 Crore. (the figure of Rs. 20 Crore may be modified as per bidding limit of CPWD class I/ Group A contractors of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be)~~

**A) Work experience**

Three similar works each of value not less than **Rs 90,84,066/** or two similar work each of value not less than **Rs. 1,36,26,099/** or one similar work of value not less than **Rs. 1,81,68,132/** in last 7 years ending previous day of last date of submission of bids. (Modified vide OM No. DG/MAN/293 dated 31.10.2013 ) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well 1.2.2. (Modified vide OM DG/MAN/284 dt. 13.8.2013)

Similar work shall mean works of “ SFTC of 10 KWp or above off Grid Solar Power Generation System.”

**B) At the time of submission of bid contractor shall upload the Annual financial statement for the last five year. (Form “A”)**

**C) An assurance on contractor’s letter head duly signed stating “In case of lowest, I shall submit an undertaking from the OEM of solar panel and inverter both along with PG i.e. within 15 days from the date of issue of letter of intent”**

(i) Authorization Certificate

(ii) The OEM shall unconditionally support-technically throughout the execution of contract as well as for maintenance for the useful life of the system.

(iii) OEM shall provide all the spares required for healthy functioning of the equipment for coming seven years from the date of supply of equipment’s.

(a) Performance guarantee / warrantee against manufacturing defects of solar module to give minimum 90% of rated output for 10 years and to give minimum 80% of rated output for 25 (twenty five) years.

(b) Minimum Five years performance guarantee /warrantee to overload 150% for one minute against manufacturing defect of PCU.

**D) The bidder should submit Net worth Certificate of minimum ₹ 22.71 lakh issued by the certified Chartered Accountant (on the format prescribed in form B-1).**

Certificate of registration for GST in Uttar Pradesh or Undertaking that “if work is awarded to me, I/we shall obtain GST registration certificate within one month from date of receipt of award letter or before payment of 1st RA”

**E) Should not have incurred any loss in more than two years during the last five years ending 31<sup>st</sup> March 2022.**

**F) Affidavit as per clause 1.2.3 of CPWD- 6.**

**G) Tender acceptance letter signed by the bidder.**