

GOVERNMENT OF INDIA Border Security Force
FTR HQ BSF GUJARAT
N.I.T.

<u>SPECIMEN NIT No. 18/SE(Elect) /NIT/SHQ-BMR/ENGG/ 2024-25</u>		
Technical Sanction No.	:	148/60/(D-IV)/2024/ENGG/BSF/5497-98 DATED 27 MAY 2024
Name of Work	:	Providing, installation, testing and commissioning of 25 KWp off Grid Solar Power Plant at 13 BOPs of 83 Bn(Now 47) Bn BSF of SHQ BSF Barmer under FTR HQ Gujarat.(Including construction of RCC framed structure for battery room)
Estimated Cost	:	Rs. 4,28,60,909/-
Earnest Money	:	Rs. 8,57,218/-
Performance guarantee	:	5% of tendered amount
Security Deposit	:	5% of project cost
Time Allowed	:	12 months

Certified that NIT contains 62 pages, including correction slips.

Approved/Not Approved

SE(ELECT) FHQ DELHI

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PRESS NOTICE TO BE PUBLISHED ON WEB SITE

No.Engg/E-tender/Elect/SHQ-BMR/2025-26/3476-87

, the 28 March' 2026

Notice Inviting e -Tenders

The Superintending Engineer (Electrical), HQrs DG BSF, Block No.10, CGO Complex, Lodhi Road, New Delhi on behalf of President of India invites online **percentage rate** tender on **EPC mode I** from approved and eligible contractors of CPWD and those of appropriate list of MES, BSNL, Railways, Rajasthan/Gujarat PWD, state renewable energy having valid electrical licence OR manufacturer / Authorised OEM of Solar Power Plant equipment approved by MNRE for the following work :

Name of work	:	Providing, installation, testing and commissioning of 25 KWp off Grid Solar Power Plant at 13 BOPs of 83 Bn(Now 47 Bn) BSF of SHQ BSF Barmer under FTR HQ Gujarat..(Including construction of RCC framed structure for battery room)
NIT No.	:	18/SE(Elect) /NIT/SHQ-BMR/ENGG/ 2024-25
Estimated Cost	:	Rs. 4,28,60,909/
Earnest Money	:	Rs. 8,57,218/-
Performance guarantee	:	5% of tendered amount
Security Deposit	:	5 Nos of BG each value of 1 % of project cost having validity mentioned in NIT SCHEDULE "E"
Period of Completion	:	12 months
Last date & time of submission of bid	:	Date 15/04/2026.upto 1100 hrs.
Date and time of opening of online technical bid	:	Date 16/04/2026.upto 1100 hrs.
Date and time of opening of online financial bid	:	Will be intimated online later after approval of technical bid by competent authority.

Technical bid shall be considered valid only of those contractors who will upload the scanned copies of the following documents along with technical bid and physical deposition of EMD.

- a) Earnest Money in the form of Insurance Surety/safety Bonds, Account Payee bank Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee from any of the Commercial Banks drawn in favour of DIG SHQ BSF Barmer.

- b)** Documents to be submitted online-
 - (i) **FOR CONTRACTORS** - Valid Enlistment order, electrical license, PAN Card, GST & IT return latest as applicable with Work experience as Para b (ix)
 - (ii) **FOR OEM**- OEM certificate on proper format with MNRE approval, PAN Card, GST & IT return latest as applicable with average annual turnover as mentioned at Para b (x).
 - (iii) **MNRE APPROVED FIRM/AUTHORIZED FIRM** - OEM Authorization certificate, PAN Card, GST & IT return latest as applicable with average annual turnover as mentioned at Para b (x).
 - (iv) FORM "D" FORMAT FOR UNDERSTANDING THE PROJECT SITE *(on Bidder Letter Head) as per format provided in NIT*
 - (v) FORM "E" **UNDERTAKING FOR NO DEVIATION CERTIFICATE** *(on Bidder Letter Head) as per format provided in NIT*
 - (vi) FORM "F" **UNDERTAKING FOR INTEGRITY PACT** *(on Bidder Letter Head) as per format provided in NIT*
 - (vii) Signed copy of NIT
 - (viii) Following certificates to be enclosed :-

For Photovoltaic Modules & Cells

- (1) Valid BIS certificate of PV module Panel.
- (2) NABL lab test of solar PV Module.
 - A) IEC 61730 Part 1 for construction of PV modules test report .
 - B) IEC 61730 Part 2 for safety of PV modules test report .
 - C) IEC 61701/IS of PV modules test report .

D) IEC 61215/IS 14286 of PV Module test report.

For Battery

1) NABL Lab test of solar Battery

- A) IEC 61427
- B) IEC 60896 21/22
- C) TEC/GR /TX/BAT/003/02 MAR 2011

For PCU(power conditioning Unit)

1) NABL Lab test of PCU

- A) IEC 61683/IS 61683 procedure for measuring efficiency test report.
- B) IEC 60068-2(1, 2,14,30) environment test report.
- C) IEC 62109-1 test report.
- D) IEC 62109- 2 test report.
- E) IEC 61000-3- 12:2011 test report.
- F) IEC 16169:2014/IEC 62116:2008 test report.

(ix) Certificates of similar type of work experience as per para 1.2.1/1.2.2/1.2.3 of Form-6

FOR CONTRACTORS only- Three similar works each of value not less than 40% or two similar works each of value not less than 60% or one similar work of value not less than 80% of estimated cost (all figures rounded to nearest Convenient figure in last 7 years ending last day of the month previous to the one in which tender are invited.) (Similar works means at least one work of solar plant of respective percentage value of work and for balance no of works, any electrical work of respective percentage will be considered.

(X) Average annual financial turnover on construction works should be at least 30% of the estimated cost put to tender during the immediate last three consecutive financial years duly signed by authorised person..The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum

(XI) Affidavit as per clause 1.2.2 of Form 6.

"I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in BSF/CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of the Earnest money /Performance Guarantee."

(XII) The provision of PPP-MII (Make in India) incorporated in the tender documents.

3. Earnest Money shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited alongwith prescribed format mentioned in Form-A of CPWD Manual/ appendix-"A" to any of BSF DDOs/Engg Officers of **Command HQ/ FHQ/ Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF** before last date & time of submission of bid. The EMD receiving authority of any BSF establishment shall examine EMD in original form and issue a receipt of deposit of earnest money to the bidder. Firm/bidder should uploaded the receipt with tender documents. The authority receiving the original EMD also intimates to tender inviting authority about deposition of EMD by the agency
4. The bid document consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.bsf.nic.in / www.eprocure.gov.in
5. Confirmation from manufacturer to BSF that they will provide proper after sale service and spare parts of the equipment min 5 year from date of installation
6. Manufacturer confirmation that their product meet technical specification specified in tender with authorization for use of product in execution.
7. Conditional tender will be summarily rejected without assigning any reason.

Commandant/Superintending engineer (Elect)
FHQ BSF New Delhi

Copy To:

1	Comn Branch (Computer Cell) SHQ BSF Barmer	:	For info and request to upload the tender notice in BSF website http://quj.bsf.gov.in for wide publicity
2	Vigilance Cell, SHQ BSF Barmer	:	For info please
3	FHQ BSF N/Delhi &HQ Spl DG BSF (WC), Chandigarh	:	For info along with copy of tender notice for displaying on notice board for wide publicity
4	Ftr HQ BSF Guj (Engg Branch)		-do-
5	SHQ BSF Gandhinagar/Bhuj/28/47/51/76 Bn BSF	:	-do-
6	Executive Engineer, CPWD, BFD-VI, Barmer (Rajasthan) C/O SHQ BMR	:	-do-
7	Executive Engineer, R&B Div, Barmer (Rajasthan)	:	-do-
8	AGE (Elect) MES Jalipa Military Station / AGE (Elect), IAF Uttarlai, Barmer (Raj)	:	-do-
9	Contractor's Association, Barmer (Raj)	:	-do-
10	SC/ST Contractor Association, Barmer (Raj)	:	-do-
11	Notice Board	:	-do-
12	File	:	

**GOVERNMENT OF INDIA
BORDER SECURITY FORCE
NOTICE INVITING TENDER
FORM-6 FOR PERCENTAGE RATE E-TENDERING ON EPC MODE 1**

The Superintending Engineer (Electrical), HQrs DG BSF, Block No.10, CGO Complex, Lodhi Road, New Delhi on behalf of President of India invites online **percentage rate** tender on **EPC mode I** from approved and eligible contractors of CPWD Electrical Category and those of appropriate list of MES, BSNL, Railways, state PWD, state renewable energy having valid electrical licence or MNRE approved manufacturer/ Authorised OEM of Solar Power Plant equipment's for the following work (s):

Providing, installation, testing and commissioning of 25 KWp off Grid Solar Power Plant at 13 BOPs of 83 Bn(Now 47 Bn) BSF of SHQ BSF Barmer under FTR HQ Gujarat..(Including construction of RCC framed structure for battery room)

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

In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1.1 The work is estimated to cost Rs. 4,28,60,909/-**Only**. This estimate, however, is given merely as a rough guide.
- 1.1.2 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

- 1.2.1 Conditions for CPWD as well as Non-CPWD registered contractors: **Supplying, Installation, Testing and Commissioning of solar power plant(including construction of RCC framed structure for battery room)**

Three similar works each of value not less than 40% or two similar work each of value not less than 60% or one similar work of value not less than 80% of estimated cost (all figures rounded to nearest Convenient figure in last 7 years ending last day of the month previous to the one in which tender are invited.)

- 1.2.2 **To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:-**
I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in BSF in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)

- 1.2.3 When bids are invited from non CPWD contractors and CPWD contractors as per provisions of **clause 1.2.1**above, it will be mandatory for non CPWD contractors and CPWD contractors to upload the work experience certificate(s) and the affidavit as per the provisions of **clause 1.2.1**.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** (up to date)(or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.bsf.nic.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **12 months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available/made available in parts.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.eprocure.com or www.bsf.nic.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance Surety/safety Bonds, Account Payee bank Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee from any of the Commercial Banks (drawn in favour of DIG SHQ BSF Barmer) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited alongwith prescribed format mentioned in Form-A of CPWD Manual/ appendix-'A' to any of BSF DDOs/Engg Officers of **Command HQ/ FHQ/ Frontier HQ / Sector HQ / Training Centre/ Bn HQ BSF** before last date & time of submission of bid. The EMD receiving authority of any BSF establishment shall examine EMD in original form and issuea receipt of deposit of earnest money to the bidder. Firm/bidder should uploaded the receipt with tender documents. The authority receiving the original EMD also intimates to tender inviting authority about deposition of EMD by the agency
10. Copy of Enlistment Order and certificate of work experience and other documents as specified in the tender notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in tender notice shall have to be submitted by the lowest bidder only within a week physically in the office of DIG SHQ BSF Barmer. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited as per PARA 9 and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 1100 hrs on 16/04/2026 in office of DIG SHQ BSF Barmer

11. The bid submitted shall become invalid if
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
 - (v) EMD does not submitted as per Para 9 before date as mentioned the bid will be summarily rejected..
12. The contractor whose bid is accepted will be required to furnish performance guarantee of 5%(Five Percent) of the bid amount within the period specified in Schedule F. In the form of bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled bank or Fixed Deposit Receipts of any commercial Bank or the State Bank of India in accordance with the prescribed form. In

case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work and programme chart (Time and Progress) within the period specified in Schedule F. The successful firm will also furnish the original documents which were submitted with the bid.

13. **The description of the work is as follows:**

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

14. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

15. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

16. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

17. The contractor shall not be permitted to bid for works in the BSF Circle responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the BSF or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

18. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

19. The bid for the works shall remain open for acceptance for a period of **seventy five days(75)days** from the date of opening of bids in case of single bid system/ 90 Ninety days from the date of opening of technical bid in case bids are invited on 2 or 3 bid envelop system. If any bidders withdraw his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.

20. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

21. For Composite Bids

21.1.1 The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.

21.1.2 The bid document will include following three components:

Part A:- CPWD-6, CPWD-7/8 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2014 as amended/ modified up to

Part B:- General / specific conditions, specifications and schedule of quantities applicable to major component of the work.

Part C:- Schedule A to F for minor component of the work. Competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

21.1.3 The bidders must associate himself, with agencies as per NIT conditions

21.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.

21.1.5 After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor component(s). EE of major component will operate **Part A** and **Part B** of the agreement. EE/DDH in charge of minor component(s) shall operate **Part C** along with **Part A** of the agreement.

21.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

21.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

21.1.8 The main contractor has to associate agencies for specialized components (s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge of relevant component(s).within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of relevant component(s).

21.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

21.1.10 The main contractor has to enter into MoU with agencies contractor(s) associated by him. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE in charge of

major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

- 21.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer- in-charge of the discipline of minor component directly to the main contractor.
- 21.1.12A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components.
- 21.1.12B. Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.