

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/ 19943-65

, the 23 Oct' 2025

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.	:	<u>18/SE(Elect) /NIT/SHQ-BMR/ENGG/ 2024-25</u>
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 05/11/2025.upto 1100 hrs.
Date and time of opening of online technical bid	:	Date 06/11/2025.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 upload 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. Conditional tender will be summarily rejected without assigning any reason.

Commandant/Superintending engineer (Elect)
FHQ BSF New Delhi

1	Comn Branch (Computer Cell) SHQ BSF Barmer	:	For info and request to upload the tender notice in BSF website http://gui.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/28/83/13/76 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	:	