



E - TENDER

NIT No.	04/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27
NAME OF WORK	Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).
Estimated cost	Rs. 8,83,465/- only
Earnest Money	Rs. 17,669/- only
Security Deposit	2.5% of Tendered amount.
Performance Guarantee	a) 5% of the tendered value or estimated cost put to tender (ECPT) whichever is higher. b) Where the tendered amount is less than Eighty percent (80%) of the estimated cost put to tender (ECPT), the performance guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
Time allowed for completion of the work	120 Days.
Date and time of opening of E- tender	04/06/2026 at 1130 Hrs



Certified that this tender paper contains total 56 pages only.

E-NIT amounting to Rs. 8,83,465/- (Rupees Eight Lakh Eighty Three Thousand Four Hundred Sixty Five) only is hereby approved.

**2IC/Executive Engineer (Elect.)
FTR HQ BSF GUJ
For and on behalf of President of India**

It is certified that I/We have seen and read the terms and conditions of the NIT of this work and will abide by the same in case of my/our tender will be lowest.

Signature of tenderer with seal

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

DRAFT NIT NO. 04/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27

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**2IC/Executive Engineer (Elect.)
FTR HQ BSF GUJ**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

(PRESS NOTICE TO BE PUBLISHED ON WEBSITE)

NOTICE INVITING E-TENDERS

The Executive Engineer (Electrical), FTR HQ BSF GUJ for and on behalf of President of India, invites online Item rate E-Tenders on two bids system for the work :-

1 **NIT No. 04/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27**

Name of work - Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).

Estimated Cost – ₹ 8,83,465/- only

Earnest Money – ₹ 17,669/- in favour of “IG FTR HQ BSF GUJ”

Period of completion – 120 days

Last time and date of submission of online bid/e-tender – up to 1100 AM on 03/06/2026

2 The tender forms and other details can be obtained from the web-site www.https://eprocure.gov.in.

* To be filled at the time of tender

**2IC/Executive Engineer (Elect.)
FTR HQ BSF GUJ**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

(PRESS NOTICE FORMING PART OF NIT AND TO BE POSTED ON WEB SITE)

Notice Inviting e -Tenders

The Executive Engineer (Electrical), FTR HQ BSF GUJ for and on behalf of President of India invites online Item rate e-Tenders from approved and eligible contractors of CPWD and those of appropriate list of MES, BSNL, Railways, PWD Guj for the following work :

NIT No.	:	04/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27
Name of Work	:	Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).
Estimated cost put to tender	:	₹ 8,83,465/- only
Earnest Money	:	₹ 17,669/- only
Period of Completion	:	120 days
Last date & time of submission of online bids	:	Upto 1100 Hrs on 03/06/2026
Period during which EMD and other documents shall be submitted	:	Between 14/05/2026 1100 Hrs to 03/06/2026 1100 Hrs
Time and date of opening of bid	:	On 04/06/2026 at 1130 Hrs

* To be filled at the time of tender

2. Tender document shall be considered valid of only those contractors who will upload the scanned copies of the following documents with duly attested with date:
- Treasury Challan / Demand Draft / Pay order or Banker's Cheque / Deposit at Call Receipt / FDR/Bank Guarantee of any Scheduled Bank **against EMD** in prescribed form as per format mentioned at **Page No. 30** of NIT.
 - Certificate of Firm's Electrical Enlistment / registration of CPWD, M.E.S, BSNL, Railways and PWD Gujarat dealing with electrical works.
 - Valid Electrical Contractor license.**
 - PAN Card of the firm or the sole proprietor of the firm/contractor issued by Income Tax Department, GOVT OF INDIA.
 - Certificate of Registration for GST.
 - Experience/ Completion certificate of similar work, pertaining to work(s) executed by the bidder, issued by the Govt. department not below the rank of Executive Engineer or equivalent are to be furnished. The completion certificate should clearly indicate the name of work, scope of work, Agreement no., estimated cost, tender awarded cost, completion cost of work, stipulated date of start, stipulated date of completion and actual date of completion and satisfactory completion with

JE(Elect)

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ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

grade of quality. (Three similar works each of value not less than **Rs. 3,53,386/-** or two similar works each of value not less than **Rs. 5,30,079/-** or one similar work of value not less than **Rs. 7,06,772/-** (all figures rounded to nearest convenient figure) in last 7 years ending last day of last date of submission of bids).

- g) Bidder/Contractor Turnover of last three years.
- h) Undertaking by contractor/ bidders for "Bidder/contractor is not blacklisted/banned by other department".
- i) **Undertaking** by the contractors / bidders for "**acceptance of tender conditions**" as per format mentioned at **Page No. 31-32** of NIT.
- j) Affidavit as per Form CPWD 6.
- k) **To become eligible for issue of bid, the bidders shall have to furnish an affidavit (Rs.100) as under :- (as per Para 1.2.2 of SOP for CPWD Works Manual 2024)**

"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 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".

Note: If the above-mentioned documents are not scanned and uploaded within the period of bid submission the bid shall be treated as invalid and cancelled.

3. The Tender document consisting of plans, specifications, 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 other necessary documents can be seen and downloaded from website www.eprocure.gov.in free of cost.

4. All the documents as said in NIT Page No. 5 and para 2(a) to 2(k) above to be submitted online bid documents submitted by intending bidders shall be opened only of those bidders, who have uploaded the scanned copies of the required documents as well physically submitted original EMD in due time and if these documents found in order.

5. Hard Copy: Intending bidder shall deposit Original EMD alongwith prescribed format mentioned in NIT to any of BSF DDO/Engg Officer i.e. Command HQ/frontier HQ/sector HQ /training center/ BN HQ BSF before last date and time of submission of bid. Earnest Money Deposit received through post/courier shall not be entertained/received after due date and time and no representation in this regard will be entertained.

**2IC/Executive Engineer (Elect.)
FTR HQ BSF GUJ
For and on behalf of President of India**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

CPWD-6 for E-tendering
GOVERNMENT OF INDIA
BORDER SECURITY FORCE
NOTICE INVITING TENDER

1. Item rate bids are invited for and on behalf of President of India from approved and eligible contractors of CPWD and those of appropriate list of MES, BSNL, Railways and State PWD or State Govt. Department dealing with electrical works, if there is no State PWD Guj for the work of **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).”**

The enlistment of the contractors should be valid on the last date of submission of tenders. In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of submission of bids.

1.1 The work is estimated to cost **Rs. 8,83,465/-** only 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 e-tender, besides indicating the estimated cost put to bid, should clearly indicates the estimated cost of component. The eligibility of bidders will correspond to the 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 works of magnitude specified below :-

Criteria of eligibility for submission of bid documents

1.2.1 Criteria of eligibility of similar works for CPWD as well as non-CPWD contractors. Three similar works each of value not less than **Rs. 3,53,386/-** or two similar works each of value not less than **Rs. 5,30,079/-** or one similar work of value not less than **Rs. 7,06,772/-** (all figures rounded to nearest convenient figure) in last 7 years ending last day of last date of submission of bids.

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 as 1.2.2 (This non applicable for CPWD enlisted contractors of appropriate class in composite category)

To become eligible for bid opening, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible 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 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 the Earnest Money/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid).

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
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OVERWRITING-NIL

- 1.2.2 When bids are invited from non CPWD contractors and CPWD contractors, 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-8 (upto date) (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.cpwd.gov.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 **120 days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site or roof slab casting, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available.
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 of www.bsf.nic.in free of cost.
6. After submission of the bid, the contractor can e-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 items(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 Bonds, Account Payee 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 IG FTR HQ BSF Guj) 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 NIT to any of BSF DDO/Engg Officer i.e. Command HQ / Frontier HQ/ Sector HQ/Training Centre/ Bn HQ BSF before last date & time of submission of bid. The EMD receiving authority (DDO/Engg Officer) of any BSF establishment i.e. Command HQ/Frontier HQ/Sector HQ / Training Centre/ Bn HQ BSF shall examine EMD in original form and issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (as per enclosed Form-A) uploaded by tender inviting authority in the NIT. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency.
- 9.1 A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs.20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.
- 9.2 The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or after opening of financial bid

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subsequent to receipt of intimation by the tender inviting authority after acceptance of the successful bidder, whichever is earlier.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded 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.
11. The contractor whose bid is accepted will be required to furnish performance guarantee
 - a) **5% of the tendered value or estimated cost put to tender (ECPT) whichever is higher.**
 - b) **Where the tendered amount is less than Eighty percent (80%) of the estimated cost put to tender (ECPT), the performance guarantee, in addition to the requirement under (11.a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount within the period specified in Schedule F.** This guarantee shall be in the form Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled 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 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 within then period of in schedule F.
12. 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 bidders 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

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issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. 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 tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the BSF (In case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Senior 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 Border Security Force 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.
17. 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 previous 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 tender or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of Seventy Five (75) days from the date of opening of tender. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender 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 tenderer shall not be allowed to participate in the retendering process of the work.
19. This notice inviting bid shall form a part of the contract document. The successful bidder/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 8 or other standard C.P.W.D form as applicable.

AMENDED UPTO CON 248

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

CPWD- 8

**GOVERNMENT OF INDIA
BORDER SECURITY FORCE**

STATE : GUJARAT CIRCLE : FHQ BSF New Delhi
DIVISION : FTR HQ BSF GUJ BRANCH : Electrical Engineering
SUB-DIV : FTR HQ BSF GUJ

Item Rate Tender & Contract for Works

(A) Name Of Work: “Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).”

(i) To be submitted online by 1100 hours on **/**/202* at web site www.eprocure.gov.in

(ii) To be opened in presence of tenderers who may be present either at the place of opening of tender (Electronically) or can visualize to process online at 1130 hours on **/**/202*

Released to website: www.eprocure.gov.in at tender Id No,*.....

Signature of officer releasing the documents –*.....

Designation –*.....

Date of Release –*.....

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
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CORRECTION-NIL
OVERWRITING-NIL

T E N D E R

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India as per time schedule of mile stone(s) and within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **Seventy Five (75)** days from the date of opening of tenders and not to make any modifications in its terms and conditions.

A sum of **Rs. 17,669/-** is hereby forwarded in cash/receipt treasure challan/deposit at call receipt of a scheduled bank/ fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of tender form.

Further, I/we agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible 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 tendering 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”

I/We hereby declare that I/We shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the state.

Dated

Signature of Contractor

Witness:

Address:

Postal Address

Occupation:

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs
..... (Rupees
.....)

The letters referred to below shall form part of this contract Agreement:-

- i)
- ii)
- iii)

For & on behalf of the President of India

Dated.....

Signature

Designation

SCHEDULES

SCHEDULE 'A'

Schedule of quantities: As per schedule of work and terms & conditions attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor: NIL.

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sl. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
NO TOOLS & PLANTS SHALL BE ISSUED BY THE DEPARTMENT. ALL TOOLS & PLANTS AS REQUIRED TO CARRIEDOUT THE WORK SHALL BE ARRANGED BY THE CONTRACTOR			

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any As per additional requirement after approval of the appropriate Engineer-in-charge according to specifications, terms & conditions, acceptable makes of materials attached with schedule of work.

SCHEDULE 'E'

Reference to General Conditions of contract i/c CON circular GCC-2023 CPWD Form-7/8 as modified and amended upto date of submission of tender.

Name of Work: **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”**.

Estimated Cost of work: **Rs. 8,83,465/-** only

Earnest money: **Rs. 17,669/-** only

Performance Guarantee: **c) 5% of the tendered value or estimated cost put to tender (ECPT) whichever is higher.**
d) Where the tendered amount is less than Eighty percent (80%) of the estimated cost put to tender (ECPT), the performance guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

Security Deposit: 2.5 % of Tendered Amount

SCHEDULE 'F'

General Rules & Directions: **CPWD Specifications 2023 modified and corrected up to last date of submission of bid.**

Officer inviting tender 2IC/Executive Engineer(E),FTR HQ BSF GUJ

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 see below

Definitions:

- (i) Engineer-in-Charge 2IC/Executive Engineer(E), FTR HQ BSF GUJ
- (ii) Accepting Authority 2IC/Executive Engineer(E), FTR HQ BSF GUJ
- (iii) Percentage on cost of materials and labour to cover all overheads and profits 15%
- (iv) Standard schedule of Rates DSR' 2022 (Elect) & Market Rates.
- (v) Department Border Security Force

The order of preference In the case of discrepancy between the schedule of quantities, the specification and/or the drawings, the following order preference shall be observed.

- i) Nomenclature of item as per schedule of quantities.
- ii) Additional/Special Conditions.
- iii) Particulars specifications.
- iv) CPWD Specifications.
- v) Architectural Drawings.
- vi) Indian Standard Specification of B.I.S.

Standard CPWD Contract Form **GCC 2023, CPWD Form 8 modified & Corrected up to last date of submission of bid.**

Clause 1

- i) Time allowed for submission of Performance Guarantee, Program Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance - **07 days**
- ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above in days- **07 Days**

Clause 2 Authority for fixing compensation under clause 2- SE (ELECT), FHQ BSF N/Delhi.

Clause 2A Whether clause 2A shall be applicable No
 Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start **10 Days**

Mile stone (s) as per table given below:-

TABLE OF MILE STONE(S)

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

S. NO.	DESCRIPTION OF MILESTONE (PHYSICAL)	TIME ALLOWED IN DAYS (FROM THE DATE OF START)	AMOUNT TO BE WITH-HELD IN CASE OF NON-ACHIEVEMENT OF MILESTONE.
1.	1/8 th of whole work	1/4 th of total time	In the event of not achieving the necessary physical mile stone, 1.25% of the tendered value of work will be withheld for failure of each mile stone.
2.	3/8 th of whole work	1/2 nd of total time	
3.	3/4 th of whole work	3/4 th of total time	
4.	Full	Full	

Time allowed for execution of work : 120 days

Authority to Decide:

i) Extension of time

2IC/ EE (E) FTR HQ BSF
GUJ

ii) Rescheduling of mile stones

NA

iii) Shifting of date of start in case of delay in handing over of site

2IC/ EE (E) FTR HQ BSF
GUJ

Clause 6, 6A Clause applicable – (6 or 6A)

Clause 6

Clause 7 Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.

N/A.

Clause 7A No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge

Yes applicable.

Clause 8A Authority to decide compensation on account if contractor fails to submit completion plans

2IC/ EE (E) FTR HQ BSF
GUJ

Clause 10A List of testing equipment to be Provided by the contractor at site lab

As per requirement at site and direction of Engineer-in-charge.

Clause 10B (ii) Whether clause 10-B(ii) shall be applicable

Not applicable

Clause 10C Component of labour expressed as percent of value of work

Not applicable

Clause 10CA Whether clause 10CA shall be Applicable.

Not applicable

Materials covered under this clause	Nearest material for which All India Wholesale Price Index is to be followed	Base price of all material covered under Clause 10 CA
Not Applicable		

CLAUSE 10 CC

Not applicable

Clause 11
Specifications to be followed for execution of works

C.P.W.D. General Specification for electrical work Part-I (internal) 2023 C.P.W.D., Part-II (external 2023) as amended upto date & Additional Conditions /specification attached.

Clause 12 – Type of work (Original Work)OR Maintenance work i/c upgradation, aesthetic, special repair, addition/ alteration)

Authority to decide deviation up to 1.5 times of tendered amount FHQ (Engg Dte), N/Delhi

12.2 & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for electrical work. 30% on individual item

12.4 Deviation, Deviated Quantities, Pricing Yes applicable

Clause 16 Competent Authority for deciding reduced rates. **SE (ELECT), FHQ BSF, N/Delhi.**

Clause 18 List of mandatory machinery, tools & plants to be deployed by the contractor at site. As followings requirement at site and as per direction of Engineer-in-charge.

1. Multimeter.
2. Measurement tape.
3. Earth tester.
4. Megger.
5. Wire gauge (circular type) disc – 1 Nos.
6. 8” Pliers – 01 Nos.
7. 8” Screw driver- 01 Nos.
8. 12” Screw Driver – 01 Nos.
9. Wire cutter – 01 Nos.
10. Phase/Line Tester – 02 Nos.
11. Testing lamp – 02 Nos.
12. Bending Devise– 03 Nos.
13. Chase Cutting machine– 03 Nos.

Clause 19 Schedule rate of recovery for defaults committed in respect of clause 19 and its sub clauses hereof in terms of delay days

Clause 19C Engineer-in-charge decide penalty for each fault

Clause 19D Engineer-in-charge decide penalty for each fault

Clause 19G Engineer-in-charge decide penalty for each fault

Clause 19K Engineer-in-charge decide penalty for each fault

Clause 25 Constitution of Dispute Redressal Committee (DRC)

Constitution of Dispute Redressal Committee (DRC) for total claims more than Rs. 25 Lacs:

- 1. Chairman –IG of some other Ftr**
- 2. Member – Concerned DIG**
- 3. Member- Any nominated officer by Ftr IG**
- 4. Member- 2IC/EE (Elect.) (Only to present the case).**

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

Constitution of Dispute Redressal Committee (DRC) for total claims upto Rs. 25 Lacs:

- 1. Chairman –DIG of some other Ftr to be nominated by IG**
- 2. Member- Any Commandant of concerned Ftr to be nominated by IG**
- 3. Member- Executive Engineer, of some other Ftr. to be nominated by DIG(Works)**
- 4. Concerned Executive Engineer (Only to present the case).**

SDG/ADS of command HQrs and Ftr IG is competent to appoint DRC in both cases.

Clause 32 Requirement of Technical Representative (S) and Recovery Rate.

S. No	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical representative)	Minimum experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32	
						Figures	Words.
01	Graduate Engineer (B.Tech. Electrical) Or Diploma Engineer (Electrical)	Electrical	Site Engineer	2-years or 5 years respectively	01	Rs. 15,000/- per month per person	Rupees Fifteen Thousand only per month per person

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

(Application for inviting open tenders)

- Executive Engineer (Elect) FTR HQ BSF GUJ, for and on behalf of President of India invites online Item rate bids from approved and eligible contractors of CPWD and those of appropriate list of M.E.S, BSNL, Railways and PWD Guj dealing with electrical works for the following work:-

S. No.	NIT No.	Name of Work & Location	Estimated Cost put to tender	Earnest Money	Period of Completion	Last date & Time of submission of e-Tender	Time & date of opening of Tender
1	04/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026- 27	“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)” .	Rs. 8,83,465/-	Rs. 17,669/-	120 Days	Up to 1100 Hrs on 03/06/2026	At 1130 Hrs on 04/06/2026

- The Intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
- Information and instructions for bidder posted on website shall form part of bid document.
- The tender document consisting plan, specifications, the schedule of quantities of various types of items to be supplied and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <http://www.eprocure.gov.in> free of cost.
- All the documents as said in NIT Page No. 5 para 2(a) to 2(k) above to be online bid documents submitted by intending bidders shall be opened only of those bidders, who have uploaded the scanned copies of the required documents as well physically submitted original EMD in due time and if these documents found in order. Hard Copy: Intending bidder shall deposit Original EMD alongwith prescribed format mentioned in NIT to any of BSF DDO/Engg Officer i.e. Command HQ/frontier HQ/sector HQ /training centre/ BN HQ BSF before last date and time of submission of Bld. Earnest Money Deposit received through post/courier shall not be entertained/received after due date and time and no representation in this regard will be entertained.

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. The intending bidder must have valid Class-III digital signature to submit the bid.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

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". 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 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.

List of Documents duly attested with date to be scanned and uploaded within the period of bid submission:-

- a) Treasury Challan / Demand Draft / Pay order or Banker's Cheque / Deposit at Call Receipt / FDR/Bank Guarantee of any Scheduled Bank **against EMD** in prescribed form as per format mentioned at **Page No. 30** of NIT.
- b) Certificate of Firm's Electrical Enlistment / registration of CPWD, M.E.S, BSNL, Railways and PWD Gujarat dealing with electrical works.
- c) **Valid Electrical Contractor license.**
- d) PAN Card of the firm or the sole proprietor of the firm/contractor issued by Income Tax Department, GOVT OF INDIA.
- e) Certificate of Registration for GST.

Experience/ Completion certificate of similar work, pertaining to work(s) executed by the bidder, issued by the Govt. department not below the rank of Executive Engineer or equivalent are to be furnished. The completion certificate should clearly indicate the name of work, scope of work, Agreement no., estimated cost, tender awarded cost, completion cost of work, stipulated date of start, stipulated date of completion and actual date of completion and satisfactory completion with grade of quality. (Three similar works each of value not less than **Rs. 3,53,386/-** or two similar works each of value not less than **Rs. 5,30,079/-** or one similar work of value not less than **Rs. 7,06,772/-** (all figures rounded to nearest convenient figure) in last 7 years ending last day of last date of submission of bids).

- f) Bidder/Contractor Turnover of last three years.
- g) Undertaking by contractor/ bidders for "Bidder/contractor is not blacklisted/banned by other department".

			ADDITION-NIL
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JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

- h) **Undertaking** by the contractors / bidders for “**acceptance of tender conditions**” as per format mentioned at **Page No. 31-32** of NIT.
- i) Affidavit as per Form CPWD 6.
- j) **To become eligible for issue of bid, the bidders shall have to furnish an affidavit (Rs.100) as under :- (as per Para 1.2.2 of SOP for CPWD Works Manual 2024)**

"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 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".

Note: If the above-mentioned documents are not scanned and uploaded within the period of bid submission the bid shall be treated as invalid and cancelled.

If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking along with other bid documents.

“If work is awarded to me, I/we shall obtain GST registration certificate of the state, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by BSF, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on a/cof the work executed and/or for any action taken by BSF or GST department in this regard.

Note to be posted on website

Other conditions for composite bids and any special condition as applicable may also be added and instruction to bidders may be modified suitably by NIT approving authority

**2IC/Executive Engineer (Elect)
Ftr HQ BSF GUJ**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

INTEGRITY PACT BSF

To,

.....,
.....,
.....

Sub: NIT No. /2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27 for the work “Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”.

Dear Sir,

It is here by declared that BSF is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the BSF.

Yours faithfully

**2IC/Executive Engineer (Elect.)
FTR HQ BSF GUJ**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

INTEGRITY PACT BSF

To,

**2IC/Executive Engineer (Electrical),
FTR HQ BSF GUJ**

Sub: Submission of Tender for the work of: **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”**.

Dear Sir,

I/We acknowledge that BSF is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by BSF. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, BSF shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of BSF.

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

INTEGRITY AGREEMENT

This Integrity Agreement is made at _____ on this _____ day of 20

BETWEEN

President of India represented through 2IC/Executive Engineer (Elect.) (Hereinafter referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company)
through (Hereinafter referred to as the (Details of duly authorized signatory) "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No.) (Hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for

(Name of work)

hereinafter referred to as the "Contract".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent **practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**

2) **Forfeiture of EMD/Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated / determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

			ADDITION-NIL
			DELETION-NIL
JE(Elect)	AE(ELECT)	2IC/EE(Elect)	CORRECTION-NIL
			OVERWRITING-NIL

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.

2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, BSF.

Article 7- Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Headquarters of the Division** of the Principal/Owner, who has floated the Tender.

2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this **Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.**

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....

(For and on behalf of Principal/Owner)

.....

(For and on behalf of Bidder/Contractor)

WITNESSES:

1.
(signature, name and address)

2.
(signature, name and address)

Place:

Dated

FORM OF PERFORMANCE SECURITY (GUARANTEE)

BANK GUARANTEE BOND

1. In consideration of the President of India (hereinafter called "the Government") having agreed under the terms and conditions of agreement No. _____ dated _____ made between _____ and _____ {hereinafter called "the said contractor(s)"} for the work _____

_____ (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement, We _____ (indicate the name of the Bank) (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. _____/- (Rupees _____ only) on demand by the Government.

2. We _____ do hereby undertake to (indicate the name of the Bank) pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____/- (Rupees _____ only).

3. We, the said bank further undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the contractor(s) shall have no claim against us for making such payment.

4. We _____ further agree that the guarantee (indicate the name of the Bank) herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge, on behalf of the Government, certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) accordingly discharges this guarantee.

5. We _____ further agree with the Government that BSF

(Indicate the name of the Bank)

the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence

ADDITION-NIL

DELETION-NIL

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CORRECTION-NIL

OVERWRITING-NIL

by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

7. We _____ lastly undertake not to

(Indicate the name of bank)

Revoke this guarantee except with the previous consent of the Government in writing.

8. This guarantee shall be valid upto _____ unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____ /-(Rupees _____ only) and unless a claim in writing is lodged with us within Six Months of the date of expiry or the extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Dated the _____ day of _____

for _____

(Indicate the name of the Bank)

Form of Earnest Money Deposit

Bank Guarantee Bond

WHEREAS, contractor (Name of contractor) (Hereinafter called "the contractor") has submitted his tender dated (Date) for the construction of (Name of work) (Hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (Name of bank) having our registered office at (Hereinafter called "the Bank") are bound unto (Name and Division of Assistant Engineer) (Hereinafter called "the Engineer-in-charge") in the sum of Rs.(Rs. in words) for which payment well and truly to be made to the said Engineer-in-charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank thusday of20.....

THE CONDITIONS of this obligation are:

(1) If after tender opening the contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:

(a) Fails or refuses to execute the Form of Agreement in accordance with the instructions to contractor, if required;

OR

(b) Fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and instructions to contractor.

OR

(c) Fails or refuses to start the work, in accordance with the provisions of the contract and instructions to contractor,

OR

(d) Fails or refuses to submit fresh Bank Guarantee on an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-charge up to the above amount upon receipt of his first written demand, without the Engineer-in-Charge having to substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

**ANNEXURE-A
UNDERTAKING**

To,

2IC/EE (Elect)
Ftr HQ BSF Gujarat

Ref. NIT No. **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).”**

Dear Sir,

I Shri/Smt.....Son/daughter/wife of Shri/Smt.....
..... resident of
..... hereby give an undertaking that I have read and I am aware of all the
Clauses and Sub-Clauses of CPWD General Conditions of contract (GCC) 2023 and I confirm that I
will abide by all the terms and conditions available in original standard CPWD Form-6 & 8. I have
also understood all the tender condition in the Tender Enquiry and will comply with them.

Yours faithfully

(Duly authorized signatory of the Bidder)
With seal

WITNESSES:

1.
(Signature)

Name :

Address:

Contact No. :

2.
(Signature)

Name :

Address:

Contact No. :

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

Under Taking-2 by the Contractor

Full name and address of the Tenderer in addition to post Box No., if any, should be quoted in all communications to this office

From :

Name of Work: - **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”**.

Dear Sir,

I/We hereby offer to items detailed in the schedule hereto or such portion thereof as you may specify in the acceptance of Tender at the price given in the said schedule and agree to hold this offer open **till 75 days**, I/We shall be bound by a communication of acceptance within the prescribed time.

2. I/We have understood all the instructions to Tenderers in the Tender Enquiry and have thoroughly examined the specification drawing and/or pattern quoted in the schedule hereto and am/are fully aware of the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.

3. I have understood all the tender condition in the Tender Enquiry and will comply with them.

4. All the schedules & appendices have been submitted duly filled in & signed.

5. Hard Copy: Intending bidder shall deposit Original EMD along with prescribed format mentioned in NIT to any of BSF DDO/Engg Officer i.e. Command HQ/frontier HQ/sector HQ /training centre/ BN HQ BSF before last date and time of submission of Bld. Earnest Money Deposit received through post/courier shall not be entertained/received after due date and time and no representation in this regard will be entertained.

6. The complete tender document from page No. 04-05 of this tender and any other document mentioned in this tender shall be considered for constitution of contract agreement.

Yours faithfully

(SIGNATURE OF TENDERER) DATED _____
ADDRESS

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

FORM-A

FORMAT FOR DEPOSITING EARNEST MONEY

Receipt of Deposition of Original EMD

Receipt No.....

Date.....

1.	Name of work	Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).
2.	NIT No.	/2IC(E)/NIT/FTR BSF GUJ/ENGG/2026-27
3.	Estimated Cost	₹ 8,83,465/- only
4.	Amount of EMD	₹ 17,669/- only
5.	Last date of submission of bid	

(To be filled by NIT approving authority at the time of issue of NIT and uploaded along with NIT)

To be filled by EMD receiving officer

1.	Name of contractor	
2.	Form/shape of EMD No & Date	
3.	Amount EMD Deposit	
4.	Date of submission of EMD	

Signature, Name and Designation of
EMD receiving officer along with office stamp

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

FORMAT FOR SUBMISSION OF EMD

To,

The DIG,
SHQ BSF BHUJ,
GUJARAT.

Sub:- Submission of EMD

Name of Work: - **Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel).**

I/ were by enclosed Draft/ Banker check No.....

Dated for Rs of Nationalized of
Bank against the EMD of the work

.....
..... NIT No.

..... due to be Opened on
at.....Hrs.

Signature of Contractor

Date with stamp

Name of tenderer

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

CUSTOMER'S OPTION TO RECEIVE PAYMENTS THROUGH E-PAYMENT (ECS/EFT/DIRECT CREDIT/RTGS/NEFT/OTHER PAYMENT MECHANISM AS APPROVED BY RBI)

Name of Work: - **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”**.

Credit Clearing Mechanism

1. Customer's name :
 2. Particulars of Bank Account :
 - a. Bank Name :
 - b. Branch name:
 - c. Address :
 - d. Telephone numbers:
 - e. IFS code :
 - f. digit code number of Bank and Branch:
Appearing on MICR cheque issued by Bank
 - g. Account Type :
(SB Account/Current Account or Cash)
 - h. Ledger number :
 - i. Ledger Folio number :
 - j. Account number as appearing :
on Cheque Book
3. Please attach a blank cancelled cheque, or, photocopy of a cheque or front page of your savings bank passbook issued by your bank for verification of the above particulars.
4. Date of Effect :
- “I, hereby, declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge the responsibility expected of me as a participant under scheme.”

Date :(.....)
Signature of Customer

Certified that the particulars furnished above are correct as per our records

Bank's Stamp (.....) cancellation
Date :-
Signature of the Authorized Official from the Bank

GENERAL, COMMERCIAL & ADDITIONAL CONDITIONS FOR ELECTRICAL WORK

1.0 GENERAL

- 1.1 This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into operation of equipment's **at 54 Bn BSF, Alampur, Gandhinagar under Ftr HQ BSF Gujarat.**
- 1.2 **Locations: 54 Bn BSF, Alampur, Gandhinagar under Ftr HQ BSF Gujarat. The contractor is advised to visit the site of work to have an idea of the execution of the work; failure to do so shall not absolve their responsibility to do the work as specified in agreement. The brief about work is that it consists of providing internal Electric Installation work i/c luminaires, DBs, lighting conductor etc.**
- 1.3 The work shall be executed as per CPWD General Specifications for electrical Works Part-I (Internal 2023), II (External 2023) & IV as amended upto date, relevant I.E. Rules, BIS/ IEC and as per directions of Engineer-in-Charge. These additional specifications/ conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specifications and conditions, as the same are to be read along with schedule of quantities for the work.
- 1.4 The tenderer should in his own interest visit the site and get familiarize with the site conditions before tendering.
- 1.5 No T&P shall be issued by the Department and nothing extra shall be paid on account of this.

2.0 COMMERCIAL CONDITIONS

- 2.1 Type of Contract: The work to be awarded by this tender shall be treated as individual works contract.
- 2.2 The tender is in two parts:
A) Part I - Technical cum Commercial Bid
B) Part II – Financial Bid.
- 2.3 **Submission and opening of tenders shall be done through e-Tendering as per enclosed in information and instructions for contractors for e-tendering.**
- 2.3.1 Both the parts i.e. Part-I & Part-II duly completed shall be submitted online through e-tendering only on or before the due date and time.
- 2.3.2 Tenderers are also required to submit the tender in a sealed envelope containing as under.
- 2.3.3 This envelope should have EMD The “Name of the work” & “Earnest Money” shall clearly be super-scribed on the top of the sealed envelope.
- 2.3.4 The technical bid submitted by intending bidders shall be opened only of those bidders whose EMD placed in the envelope is found in order.
- 2.3.5 Financial bid shall be opened of those bidders whose technical bids is approved from

			ADDITION-NIL
			DELETION-NIL
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			OVERWRITING-NIL

- competent authority and the time & date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
- 2.3.6 Part - I – Technical–cum-Commercial Bid should be submitted complete with the following document:-
- (i) Complete tender document Part- I Technical-cum-commercial bid duly signed for acceptance of all terms and conditions.
 - (ii) Deviation, if any from NIT specifications should be clearly brought out.
 - (iii) Complete technical particulars of all equipment's& materials as per proforma.
 - (iv) Technical Literature and catalogues of all equipment etc.
 - (v) Confirmation that existing space available is adequate for installation of equipment's being offered by the tenderer.
- 2.3.7 The tenderers are advised not to deviate from the technical specifications/ items, commercial terms & conditions of NIT like terms of payment, guarantee, arbitration clause, price escalation.
- 2.3.8 The technical cum commercial bid only, shall be opened first on the due date and time, as specified in form CPWD-6, in the presence of tenderers or their authorized representatives who wish to remain present.
- 2.3.9 Scrutiny/ evaluation of the Technical – cum – commercial bid shall be done by the department in consultation with any agency as deemed necessary. In case it is found that the technical-cum-commercial bid of a tenderer is not in line with NIT specifications, requirements and/ or contains many deviations, the department reserves the right to reject the technical bid of such firm(s) without making any reference to the tenderer(s).
- 2.3.10 Necessary clarifications required by the department shall have to be furnished by the tenderer within the time given by the department for the same. The tenderer will have to depute his representative to discuss with the officer(s) of the department as and when so desired. In case, in the opinion of the department a tenderer is taking undue long time in furnishing the desired clarification, his bid will be rejected without making any reference.
- 2.3.11 After obtaining clarifications from all the tenderers, the department may modify the Technical & Commercial Conditions / Specifications, if required, and will intimate the tenderers whose Technical– cum- Commercial bids are acceptable and Price Bid shall be opened online through e-tendering.
- 2.3.12 The date and time of opening Price-Bid will be intimated in advance. In case tenderer want to modify the price bid he can submit the same before opening of the price bid as intimated by Executive Engineer (E). This however, may be allowed only if there is any change in specifications/ item by the department during the technical scrutiny of the tenderer.
- 2.3.13 A tender will not be allowed to withdraw or modify any condition at a time after the technical bids have been accepted and the decision to open the price bid has been taken by the department.
- 2.3.14 The Part – II of the tender i.e. Price bid along with revised price bid if any (if desired & allowed by the Department) will be opened by the Executive Engineer (E) in the presence of the representatives of the tenderers who wish to be present on the due date and time of opening of price bid.
- 2.3.15 The department reserves the right to reject any or all the price bid and call for fresh prices / tenders as the case may be without assigning any reason.

2.3.16 The department reserves the right to award the work in full or in parts dividing amongst tenderers as found suitable by the competent authority.

3.0 TERMS OF PAYMENTS

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.

3.1 100% after completion of installation in all respects.

3.2 SECURITY DEPOSIT

Security deposit shall be deducted from each running bill and the final bill to the extent of 10% of the gross amount payable subject to a maximum amount of 2.5% of the tendered value. The earnest money deposited shall be adjusted against this security deposit. The deposit shall be released on the expiry of guarantee period i.e. one year/ stipulated in the contract. Bank guarantee will not be accepted as security deposit.

3.3 PERFORMANCE GUARANTEE

The successful tenderer shall submit an irrevocable performance guarantee as below in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement within 07 days of issued of letter of acceptance of tender:-

- a) 5% of the tendered value or estimated cost put to tender (ECPT) whichever is higher.
- b) Where the tendered amount is less than Eighty percent (80%) of the estimated cost put to tender (ECPT), the performance guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount within the period specified in Schedule F.

This guarantee shall be in the form of Demand Draft/ Pay Order or irrevocable bank guarantee bond of any scheduled bank or the State Bank of India in the specified format or in the form of Government security, fixed deposit receipt pledged in favour of IG Ftr HQ BSF Guj or as specified in the letter of acceptance of tender. The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 days beyond. This bank guarantee shall be kept valid till the recording of completion certificate for the work by the competent authority.

3.4 Income Tax, GST, work contract tax, labour cess & other statutory deductions etc. shall be made at source as per the prevalent laws. The deductions of Security Deposit, Income Tax, and Works Contract Tax etc. shall be done after calculation of the above due payments as per clauses 3.1 to 3.3 and net payment shall be reduced accordingly.

4.0 RATES

4.1 The rates quoted by the tenderer, shall be firm and inclusive of all taxed (including works contract tax, GST and labour cess), duties levies, octroi etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site including temporary construction of storage, risks, overhead charges, general liabilities/ obligations and clearance from CEA/Local Bodies. However, the fee for the CEA/ Local Bodies inspections shall be borne by the department.

4.2 The department will not issue Octroi exemption certificate.

4.3 The contractor has to carry out maintenance as per manufacturer's standards for a period of 12 months from the date of handing over. Nothing extra shall be paid on this account.

5.0 COMPLETENESS OF TENDER

			ADDITION-NIL
			DELETION-NIL
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			OVERWRITING-NIL

All sundry equipment, fittings, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

6.0 STORAGE AND CUSTODY OF MATERIALS

The transformer room & HT Panel room, if available, may be used for storage of sundry materials and erection equipment's or else agency has to make his own arrangements for storage of material. No separate storage accommodation shall be provided by the department. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

7.0 CARE OF THE BUILDING

Care shall be taken by the contractor while handling and installing the various equipment's and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

8.0 COMPLETION PERIOD

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc., arrangement of materials & equipment's, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-Charge.

9.0 GUARANTEE

9.1 All equipment's shall be guaranteed for a period of 12 months from the date of taking over the installation by the department against unsatisfactory performance and/ or break down due to defective design, workmanship or material. The equipment's or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of the Engineer-in-Charge in this regard shall be final & binding on the contractor.

9.2 The tender shall guarantee among other things, the following:

- a. Quality, strength and performance of the materials used as per manufacturers standards.
- b. Safe mechanical and electrical stress on all parts under all specified conditions of operation.

10.0 POWER SUPPLY:

10.1 In any case, electricity connection at one point shall be provided by client/department, if available and agreed by client department. However, contractor shall be responsible for arranging power supply and there shall be no obligation from department to make available

			ADDITION-NIL
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			OVERWRITING-NIL

power supply for execution of work and while quoting, contractor has to keep in mind that power and water has to be arranged by contractor himself at his own cost and included in the quoted rates. No hindrance on account of non-availability of power supply from client department or BSF shall be considered and contractor shall be responsible for any delay in work on account of above.

- 10.2 If, competent authority permits, a temporary three phase power supply of 15KW shall be provided during execution of work, at single point inside the campus. Further arrangements for tapping power connection from this point shall be made by the contractor.

11.0 WATER SUPPLY:

Arrangement of water supply for ITC of system shall be in the scope of successful firm without any extra cost.

12.0 ACCEPTABLE MAKES OF VARIOUS EQUIPMENTS:

The acceptable makes of various equipment's/components/accessories have been indicated in "List of approved make/Schedule of work". The tenderer shall work out the cost of the offer on basis of acceptable makes alongwith other terms & conditions of contract. Alternate makes are not acceptable. For makes not available in the contract, contractor shall submit at least three makes for approval by Engineer-in-charge. Only makes approved in writing by Engineer-in-Charge shall be used at site. Any material brought at site without prior approval of Engineer-in-charge may be rejected, even if the make is available in NIT and contractor shall be responsible for any such rejection of material.

13.0 DATA MANUAL AND DRAWINGS TO BE FURNISHED BY THE TENDERER:

- 13.1 **With Tender:** The tenderer shall furnish alongwith the tender, detailed technical literature, pamphlets and performance data for appraisal and evaluation of the offer.
- 13.2 **After award of work:** The successful tenderer would be required to submit the drawings within 10 days of award of work for approval before commencement of installation.
- 14.0 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of equipment's regarding installation, adjustments operation and maintenance including preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue etc. all in triplicate.

15.0 Exclusion and work to be done by other agencies:

The following shall be excluded from the scope of the work.

- a) Major dismantling of any existing building work.
- b) Electricity supply in sub-station building.

16.0 VALIDITY

Tenders shall be valid for acceptance for a period of 75 days from the date of opening.

17.0 COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:

- 17.1 All works shall be carried out in accordance with relevant regulation, both statutory and those

			ADDITION-NIL
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specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:

- i) Factories Act.
- ii) Indian Electricity Rules.
- iii) B.I.S. & other standards as applicable.
- iv) Workmen's compensation Act.
- v) Statutory norms prescribed by local bodies like CEA, Power Supply Co., etc.

17.2 After completion of the installation, the same shall be offered for inspection by the representatives of the Central Electricity Authority/ Local bodies. The contractor will extend all help including test facilities to the representatives of CEA. The observations of CEA will be attended by the contractor. The installation will be commissioned only after getting clearance from CEA.

17.3 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

17.4 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty as per rules for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

18.0 INDEMNITY:

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipment's and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

19.0 ERECTION TOOLS:

No tools and tackles either for unloading or for shifting the equipment's for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.

20.0 COOPERATION WITH OTHER AGENCIES:

The successful tenderer shall co-ordinate with other contractors and agencies engaged in the construction of buildings, if any, and exchange freely all technical information so as to make the execution of this work/ contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want of cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the

			ADDITION-NIL
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			OVERWRITING-NIL

tenderer himself.

21.0 The work will be carried out with least disturbance during shifting & shut down taken in consultation with the client department.

22.0 MOBILIZATION ADVANCE:

No mobilization advance shall be paid for this work.

23.0 INSURANCE AND STORAGE:

All consignments are to be duly insured up to the destination from warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

24.0 VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION:

The contractor shall have to produce all the relevant records to certify that the genuine equipment's from the manufacturers has been supplied and erected.

25.0 INTERPRETING SPECIFICATIONS:

In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions:

- 25.1 Schedule of quantities
- 25.2 Specific conditions & Technical specifications.
- 25.3 Drawing (if any).
- 25.4 General terms & conditions.
- 25.5 Relevant BIS or other international code in case BIS code is not available.
- 25.6 NBC 2016.
- 25.7 Special conditions & additional conditions.

26.0 In addition to supply, installation, testing and commissioning of complete installation,, following works shall be deemed to be included within the scope of work to be executed by the tenderer as this is a turnkey job

- 26.1 Minor building works necessary for installation of equipment's, foundation, making of opening in walls or in floors and restoring them to their original condition/finish and necessary grouting etc. as required.
- 26.2 All supports for rising mains, cables and MS channels for erection of panels, etc as are necessary.
- 26.3 Getting Local Body inspection done & obtaining approval for energizing the installation if required. However, necessary fees for inspection shall be borne by the Department.
- 26.4 Arrangement of electric supply (Single/ Three phase) and water supply for execution and successful commissioning of the system.
- 26.5 Small wiring, inter-connection etc inclusive of all materials and accessories, necessary to comply with the regulations as well as proper and trouble free operation of the equipment.
- 26.6 Closing of the cable entry points in sub-station against seepage of water, rodents etc.
- 26.7 Tools and tackles required for handling and installation.
- 26.8 Necessary testing equipment's for commissioning
- 26.9 Watch and Ward of materials and/or installation and equipments till their handling over to

			ADDITION-NIL
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			OVERWRITING-NIL

the department.

- 26.10 All minor building works, such as equipments foundation if required cutting and making good holes, grouting of channels belts as required. Cutting and making good damages etc.).
- 26.11 Provision of supports/clamps for equipments, cables etc wherever required.
- 26.12 Arranging necessary load for full load testing of Transformer and DG sets, in case same is not available with Client department.

27.0 Works to be done by the Department

Unless otherwise mentioned in the tender specifications the following works shall carried out by the department.

- 27.1 To make the site available for the work. The contractor should select such equipment for installation as can be properly installed in the spaces shown in specification drawings. While no guarantee can be given minor modification required by the contractor if mentioned in the tender or intimated immediately after the receipt of tender shall be carried out if structurally possible.

28.0 Inspection and Testing

All the tests certificate of the equipments are required to submit along with delivery of material.

- 28.1 Exclusion and work to be done by other agencies:
- 28.2 The following shall be excluded from the scope of the work:
 - a) Major dismantling of any existing building work.
- 28.3 Copies of all documents of routine and type test certificates of the equipment/cable carried out at the manufacturer's premises shall be furnished to the Engineer-in-charge and consignee.
- 28.4 After completion of the work in all respects the contractor shall offer the installation for testing and operation.

- 29.0 In case cable is laid at depth less than as mentioned in NIT/CPWD specifications recovery at Rs. 15 per 10 cm depth/meter of cable length shall be recovered from bill. This shall also be applicable for GI pipe work, DWC pipe work, Earthing work as well.

- 30.0 Challan & Test Certificate for all items amounting more than Rs. 25000/- shall be submitted along with running bill in case both challan & Test certificated are not submitted R.A. bill shall not be considered & contractor shall be responsible for any delay in payment. However, contractor RA bill shall be cleared after withholding 10% of TA of item against non-availability of Challan & test certificates, if agreed by contractor. However, in any case without submission of Challan & test certificates to department final bill shall not be considered as submitted and delay in processing of final bill arising out of such non submission of challan and TC shall entirely be upon contractor.

- 31.0 Contractor shall submit cable route plan for approval before start of cable work. In case drawings for area/layout is not available with department these drawings shall be prepared by contractor at his on cost. For the purpose of assessment of work contractor js advised to visit the site to get familiar with site conditions before quoting his rates.

- 32.0 For all Extra items OR deviation items payable at market rates, contractor shall submit

			ADDITION-NIL
			DELETION-NIL
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			OVERWRITING-NIL

copy of original Invoice of material along with proof of payment (i.e. RTGS receipt, bank statement etc).

- 33.0** All cabling & street light work shall be carried out as per CPWD specifications (External) 2023 and amendment upto date. Contractor shall obtain written clearance from JE/AE in charge of work before refilling the excavated trenches, otherwise it shall be presumed that contractor has not excavated required depth and item/component of item for excavation and refilling for trenches shall not be paid and contractor shall be responsible for such non-payment.
- 34.0** Contractor shall get approval of Makes & Models of material before their use at site by NIT approving authority. The technical specifications/catalogue shall also be submitted along with submission for approval. In case unapproved material is found to be used /installed at site or kept at site store for installation, department shall not only confiscate such material but also be at liberty to recover cost for removal of material from site from contractor's bill.
- 35.0** Contractor shall be fully responsible for shifting of services encountered at site like electrical lines/power cables/telephone, tv, data cables/electric poles/light poles/feeder pillar (whether energized or not) dismantling and handing over such material to department. For shifting of such services including dismantling of such material required for smooth working at site, nothing extra shall be paid. Contractor is advised to visit site before quoting his rates.
- 36.0** List of Acceptable makes has been provided in NIT. For each item to be used at site, contractor shall submit model number for each item of minimum three different make for approval by Engineer-in-charge. Only approved make & model/material shall be used at site. Any material found at site which has not been approved can be rejected and shall not be paid. Contractor will be solely responsible for non-payment due to use of non-approved material. The submission for material approval shall be minimum two weeks before its use at site.
- 37.0** No drawing/technical submittal shall be accepted through email. Hard copy of drawings duly signed by Contractor's Engineer will only be approved.
- 38.0** All the LED bulbs/LED fittings and Substation equipments viz transformer/HT panel/CSS shall be guaranteed for a period of 5 years. All items except LED bulbs/LED fittings and Substation equipments viz transformer/HT panel/CSS shall be guaranteed for a period of one year. Contractor will give warrantee certificates to the department for all items.
- 39.0** In case of any discrepancy in the size of the items elaborated in the Schedule of Work, the material of next higher size available in the market to that of the size specified in the Schedule of Work shall be provided without any extra cost.
- 40.0** If the material specified in the Schedule of Work become non available due to technology advancement or otherwise then the product of better specifications shall be accepted provide there is no functional change of requirement without any extra cost.

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			OVERWRITING-NIL

- 41.0** All the material viz. CSS, DG set, substation panel/HVAC panel, fire alarm system etc shall be BMS compatible.
- 42.0** In case of variation in the light fitting wattage/specifications then the fittings having more lumens per watt shall be preferred and better specification products shall be accepted.
- 43.0** In case of any discrepancy/Non availability about the availability of material of requisite specification/size/design as per SCHEDULE OF WORK the same shall be brought to the notice the deptt. within one week from the publication of bid, otherwise it shall be deemed that the Agency has no objection about the size/design/ specification of the material as depicted in the Schedule of Work. In that case, the item of higher/better specification/size shall be provided during execution without any extra cost and without alteration of the functional requirement.
- 44.0** The Contractor shall offer for factory inspection for any Electrical equipment/material having value more than 15.00 lacs.

ADDITIONAL TERMS AND CONDITIONS

The scope of work includes **“Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)”** as per the following additional terms & condition:-

1. The work shall be generally carried out in accordance with tender specifications and the following specification rules
 - a) CPWD General Specification for electrical work 2023 Internal – Part- I & External-II 2023 and HVAC - 2004 as amended up to date.
 - b) Indian Electricity Act 2003 amended up to date
 - c) National Electrical Code
 - d) Indian Electricity Rule 1956 amended up to date
 - e) National Building Code 2005
2. All the junction boxes and MS boxes shall be covered in front with 3mm thick Phenolic laminated sheet.
3. Loose wire boxes wherever required shall be provided along with MCBDB for which extra payments shall be made to the contractor.
4. On completion of work the contractor shall test the installation and submit test reports & completion certificate as per CPWD General Specification for electrical work Part-I internal 2023. In case, the contractor fails to submit the completion plan as aforesaid, the contractor shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs.15,000 (Rs. Fifteen thousand only) as may be fixed by the Superintending Engineer concerned and in this respect the decision of the Superintending Engineer shall be final and binding on the contractor.

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			OVERWRITING-NIL

5. Earthing, cement concrete works and testing of the installation shall be done in presence of the Engineer -in-charge or his authorized representative.
6. The successful tenderer shall make his own arrangement for storage and watch and ward of materials whether the same brought by him or supplied by the department He shall remain responsible for watch and ward of installation and other fittings till these are commissioned and handed over to the department.
7. All debris at site shall have to be removed by the contractor before handing over the installation to the department
8. Where the conduit pipes are to be laid along the trusses, steel joists etc. the same shall be secured by means of saddles or girder clips as required by the Engineering- charge. Where it is not possible to use these for fixing, suitable clamps with bolts and nuts shall be used. The minimum width and the thickness of girder clips used for fixing conduits to steel joists, and clamps shall be as per following table.

Girder Clips or Clamps		
Size of Conduit	Width	Thickness
(i) 20 mm	19 mm	0.9 mm (20 SWG)
(ii) 25 mm	20 mm	0.9 mm (20 SWG)
(iii) 32 mm & above	25 mm	1.2 mm (18 SWG)

9. All the material to be supplied and used on the work shall be got approved from the Engineer-in-charge by the contractor before start of the work otherwise contractor will be held responsible for replacements/ damage. The rejected material shall have to be replaced by the contractor at his own cost and the same shall be removed from the site immediately. The list of the approved makes is enclosed.
10. All T & P and special T&P required for the execution of shall be arranged by the contractor within his quoted rates and nothing extra shall be paid on this account.
11. The contractor is bound to sign the site order book as and when required by the Engineer-in-charge and carry out the instruction recorded therein.
12. Nothing extra shall be paid for:-
 - a) Inter connections with thimbles/wires/tapes strips etc.
13. Contractor has to liaise with civil contractor for execution of work & send has rep for completion of work in co-ordination with civil contractor.
14. The contractor should have to following the BSF security norms for execution of work.
15. All the hidden items/work shall be carried out in the presence of the Engineer-in-Charge or his authorized representative.
16. The work shall be carried out as per layout/ drawings issued by the Department and it reserve the right to change the layout as per requirement at site.

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 OVERWRITING-NIL

17. All repairs and patch works shall be neatly carried out to match with the original finish and all damages done to the building during the execution of the electrical work shall be the responsibility of the electrical contractor and the same will have to be made good immediately by him to the entire satisfaction of the Engineer-in-charge and nothing extra shall be paid on this account. If it is not as par satisfactory level of Engineer-in-charge then suitable recovery may be applicable to the contractor.
18. The electrical work shall progress in close coordination with building work and the contractor has to kept watch over the progress of the building work so that the conduit is recessed in the walls before plastering work starts. At any stage electrical works shall not lag behind civil works. No claim for idle labour on this account will be entertained.
19. The contractor must be able to work on concrete slabs/ walls as and when required and in complete co-ordination with the civil works. Cutting of chases in the plastered wall shall in no case be allowed. The contractor shall fix conduits and boxes in the walls soon after the brick work is completed and finish the chase to rough surface with proper cement and mixture. Only in exceptional case e.g. where cutting of plastered surface cannot be avoided it will be contractor's responsibility to ensure that plastering is done to match the original finish at no extra cost.
20. Cement required for the work shall have to be procured by the Contractor himself. Electrical Contractor will make recess in brick work by cutting chases for provision of conduits and metal boxes according to the elevation drawings for electrical services. Electrical contractor will fix the conduits and boxes and there after close the chases up to the surface of masonry work in cement mortar 1:4 (1 cement :4 sand). Thereafter surface of chases shall be plastered and finished by the contractor to ensure smooth and even surface. Nothing extra shall be paid to the contractor for above operations irrespective of whether the chases are carried out before or after plastering of the wall
21. Before fabrication, drawings of electrical panels, feeder pillars will have to be got approved by the Engineer – In Charge.
22. Drawings shall be examined by the department and communication of approval of drawings shall be sent and will be handed over to the site representative. The contractor shall have to get the LT Panel fabricated from the approved manufacturers. (As per list of Acceptable Makes of Material).The design and layout as well as strengthening members of the panel to be fabricated and supplied shall be as per the approved drawing / layout.
23. Inspection of the panel may be done by the Engineer in charge or authorized representative before they are dispatched to site of work.
24. Depth of cable trench for cable laying direct in ground is to be kept as specified in the specifications. Excavated soil is to be used as cushioning after that protective covering is to be provided.
25. In the event of any discrepancy between the specifications as mentioned under Technical Specifications and as given in CPWD specifications, the specifications under technical specifications shall prevail.
 - I. The relevant latest IS specifications, codes of practice shall be followed if the specifications for the item is not available in the CPWD specifications.

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OVERWRITING-NIL

- II. In case ISI specifications are also not available, the decision of the Engineer-in-charge given in writing based on acceptable sound Engineering practice and local usage shall be final and binding on the contractor.
26. The work shall be treated as complete when all the installations are handed over to the department and all the defects are removed to the entire satisfaction of the Engineer-in-charge.
 27. The contractor shall submit proof of purchasing the material from authorized dealer/ distributor/ manufacturer for its genuineness before making payment to them.
 28. In respect of all labour employed directly or indirectly on the work the successful tenderer (herein after called the contractor) at his own expenses will arrange for the safety provisions to comply with the statutory regulations. S.I.S recommendation and CPWD codes. In case of default, the Department shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor.
 29. The contractor shall provide necessary barriers, warning signals and other safety measures to avoid any accident. He shall be liable for such accident as may be done due to any cause in accordance with the Indian Law and Regulation and the department shall not be responsible for any accident, damage incurred or claims arising there from during the period of erection under his responsibility and putting and under his responsibility and putting into operation of the equipment's under his supervision. Where necessary he shall also provide all insurance including third party insurance as may be necessary to cover the risk.
 30. Nothing in these specifications shall be construed to relieve the contractor of his responsibility for the design, manufacture and installation of the equipment with accessories in accordance with applicable standards and statutory Regulations and safety codes in force from the safety angle.
 31. Only deep junction box shall be used for the recesses wiring system.
 32. Contractor shall guarantee for LED fittings for any manufacturing for a period of 2 years from the date of installation.
 33. The installation shall be carried out in conformity with local fire regulations and rules there under wherever they are in force and the provision in local bylaws, if any.
 34. The contractor will be responsible for police verification of the labour & permission of vehicles deployed for the execution of work they have to follow all the security norms/guidelines of the concerned Ministries/Department. A list of workers deployed will have to provide to the officer-in-charge before starting the work to get the necessary security passes and other security clearance well in advance. The contractor is bound to follow the security norms and timing of department.
 35. The work shall be treated as complete when all the installations are handed over to the department after dismantling of electrical fittings and cables and all the scabs are removed from site to the entire satisfaction of the Engineer-in-charge.

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ADDITION-NIL
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OVERWRITING-NIL

LIST OF PREFERED MAKES OF MATERIALS

S. No	Details of Materials/ Equipment	Manufacturer's Name
1	FRLS PVC insulated, copper conductor single core cable ISI Marked	Havells / Polycab / Finolex / RR Kabel and approved brand by CPWD
2	CAT-6 Cables for LAN wiring	AMP / Systimax / Mollex /D-Link / Legrand / Finolex / Havells / Polycab
3	Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath	Havells / Polycab / Finolex / RR Kabel
4	FRLS PVC insulated annealed copper conductor, un-armoured telephone cable	Havells / Polycab / Finolex / RR Kabel
5	PVC CONDUIT (ISI MARKED) and Accessories.	Precision / AKG / Polycab /Finolex / Anchor/ BEC
6	Steel Conduit and accessories ISI Marked.	BEC / NIC / AKG
7	Cover plate for junction boxes/switch boxes for piano type switch	Hylam / Formica / GREENLAM (i.e. white 3 mm thick with ISI mark).
8	Piano Type Switch Socket /Telephone Socket / TV Socket	Anchor / Havells –Reo / SSK
9	Modular Switch /Socket/Telephone Socket / TV Socket / LAN socket/ Data outlet Socket/Fan Regulator / USB Charger / Metal boxes / Occupancy Sensor/ Blanking / G.I. box for modular switches. The galvanized boxes of modular switch/sockets etc. shall be of the same make as of switch/socket	Legrand (Arteor, Myrius) / Panasonic (Vision) / Wipro North-West/ Crabtree (Athena) / ABB – Cheiron / Schneider – Zencelo/ Havells
10	Wall bracket fitting, bed light	Jaquar / Havells / Philips/ WIPRO/ BAJAJ
11	Call Bell / buzzer	Anchor / GM Modular /Cona/ Havells / MK / Legrand/ ABB/ Panasonic
12	Ceiling Rose, (3 Pin), Batten Holder / Angle holder	Anchor / Havells/ GM Modular / MK / Legrand / ABB
13	Fresh Air Fan with 1 YEARS Guarantee.	Havells make Ventil Air-DX with self-opening louvers or with similar specifications in Crompton / Orient / Usha / Almonard
14	Wall fan with 1 YEARS Guarantee.	Havells Crompton / Orient / Usha / Almonard
15	Exhaust Fan/ W 300 MM with 1 YEARS Guarantee.	Havells / Crompton / Orient / Usha / Almonard
16	Exhaust Fan (Heavy duty) 380/450 MM with 2 YEARS Guarantee	Havells make Turbo force Heavy Duty Exhaust Fan or with similar specifications Crompton / Orient / Usha / Almonard

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OVERWRITING-NIL

17	Ceiling Fan, BEE 5 star rating BLDC Ceiling fan with minimum 2 year Warranty complete with Fan Motor, Blade Set, Down Rod, 2 nos. canopies, shackle kit, safety rope .	Havells / Atomberg / Usha/ Orient/ Crompton / Bajaj
18	Storage Water Heater and 02 nos flexible connection pipe.	Havells / Crompton/ AO Smith /Racold /Jaguar with 3-year warranty on inner tank, 1 year warranty on heating element, 1 year comprehensive Warranty.
19	LED Lamp	Philips / Havells/ Wipro/ Jaquar/CG/Orient
20	LED street Light Fittings / LED Flood lights/ Area LED lights	Philips / Havells/ Wipro/ Bajaj /Trilux / CARIBONI with 2 years manufacturers' warranty
21	LED Luminaries indoor	Philips / Havells/ Wipro/ Bajaj /Trilux /CG/Orient/Surya/ CARIBONI with 2 years manufacturers' warranty
22	MCB-DB, MCB, RCB, MCB Enclosure, etc. (MCB, RCCB should to be of same make as MCBDB)	L&T /Legrand /ABB /Schneider/Siemens/ HAGER NOVELLO/C&S/Havells
23	MCCB	Schneider electric NSX series/ Legrand (DPX3)/ L&T(Dsine)/ ABB(Tmax) / Siemens (VL Series series)
24	G.I. Pipe	JINDAL (HISAR) / TATA/ Zenith /Surya – Prakash/Sail (All ISI marked only).
25	XLPE insulated PVC sheathed armoured / un-armoured copper / aluminium conductor MV cable, control cable/ Submersible cable of 1.1 KV grade	Havells /Polycab/ Finolex /KEI /RR Kabel (all ISI marked only)
26	DWC HDPE pipe ISI marked	(REX Polyextrusion / Jain Irrigation / Duraline / Avadh Polytube/ Gemini make)
27	HT/ LT indoor, outdoor & straight through joint, END TERMINATION	Raychem, M Seal, 3M, Venus
28	Terminal blocks	Connect well/ Elmex/ Phoenix/ Wago/ Essen
29	Cable Glands	Comet, Cosmos, DOWELLS/ HMI / JAINSONS
30	Copper/ Aluminium Cable Lug	Comet, Dowell/ Johnson/ Gripwel / Hax
31	LED Type Indicating Lamps	ABB/ESBEE /Schneider electric /L&T / Siemens/ Evaishno / Telemechenique
32	Current Transformer	L&T / A.E. / Kappa / IMP/ GE / C & S / Rishabh / Gilbert & Maxwell
33	Selector Switch, Toggle Switch	L & T/ Siemens/ Kaycee / BCH / Kaycee / Rishabh/ Schneider

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ADDITION-NIL
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34	Push Buttons	L&T / Siemens / Teknic / GE / C & S /SCHNEIDER/ ESBEE
35	Timer	Siemens/ Adhana / L & T /Schneider /ABB
36	Energy Meter/ AR	L&T / HPL/ Adhana / Conserve/ Secure/ Socomecg I
37	Single Phase Preventer	L&T / Minilec / Siemens / Adhana / Telemechanic / ABB/ Schneider Electric
38	Rotary Switches	Kaycee / ABB / Schneider Electric / L&T / Siemens / BCH / Rishabh
39	Voltmeter / Ammeter/ Multifunction Meter	A.E. / IMP /L&T/ Konzerv / Adhana / Rishabh /HPL/ MECO
40	Overload Relay	ABB / Schneider Electric / Adhana / L&T / Siemens
41	Contactors	L&T/ Schneider/ Adhana / Siemens, ABB, Legrand
42	ACB's	Siemens (Sentron 3 WL)/ L&T (U Power)/ ABB (Emax)/ Schneider (Masterpact)
43	Polycarbonate Junction Boxes	Hensel / Clipsal/ Sintex
44	G.I. Octagonal pole	Bajaj/ Philips / Havells/ Hanonix / Valmont /Utkarsh
45	Motor Pumping set	Crompton / Siemens / Kirloskar / CRI/ Texmo /KSB
46	Motor Pump starters/ Controllers/ accessories	L&T / Schneider / Adhana / ABB / Siemen/ Bentex
47	Changeover Switch	L&T/ HPL-Socomec / Schneider / Siemens/ ABB
48	Control Cables and Other Cables	Havells / Polycab / Finolex / RR Kabel
49	Switch Disconnecter Fuse Units (SDFUs)	L&T / Legrand / Schneider / Siemens/ ABB
50	Cubical Panel Board / Feeder Pillar	Manufacturers having CPRI test certificate not older than 5 years from the date of call of tender for min 1000A, 50KA rating.
51	Air Conditioner 5 Star Inverter AC with minimum 5 Years Warranty on Compressor.	Daikin / Hitachi / O-General / Mitsubishi/ Voltas/ Havells (Lloyd)
52	Voltage stabilizer	V- Guard/ microtech / Luminous /Pixels / Logicstat / Bluebird with minimum 1 year warranty.
53	Centralized air-cooling system	Symphony/Coolwind / Evapolar/ Sky Air cooler
54	Synthetic Enamel Paint	Berger, Asian Paints, Jenson &Nicholson, Nerolac, 3Mango

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55	UPVC Pipes and Fittings	Finolex / Supreme /Astral / Ashirvad/ Prayag/Prince
56	G.I. pipe fittings	Zoloto / Unik/ ICS/ HB
57	PVC / HDPE Water storage tank	Sintex/ Vectus/ Supreme, all ISI marked only.
58	Water Supply Valves	Zoloto/ Leader/ ARCO/ Kirloskar
59	Water supply fixtures like bibcock angle cock, Pillar cock	Jaquar /Parryware /Cera/Marc /Hindware.
60	Electronic ballast for fluorescent tube light/ HPSV luminaries	Havells/ Philips/ Wipro/ Crompton/ Bajaj
61	Bars	Steesl Should be Fe500D grade Like Tata, SAIL, RINL, JSW(Jindal)
62	Cement	43 Grade confirming to IS 8112 ACC, Ultratech, JP, Birla
63	Solar UPS/ Inverter	Luminous/ Microtek/ Exide/V-guard/UTL
64	Submersible pump accessories	Prince/Finolex/Supreme/Ashirvad/Kishan/ Astral
65	All other items not covered above	As per approval of the Engineer-in-charge

The contractor shall get the samples of all items approved by the Engineer -in-charge before using them. The decision of the Engineer-In -Charge is final will be final in this regard

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OVERWRITING-NIL

List of Indian and International Standard

1. IEC – 2271-100 International Standard: High voltage alternative current circuit breakers.
2. IEC – 298 International Standard: AC metal enclosed switchgears and control gear for rated voltage above 1 KV and upto including 52 KV.
3. IEC 694 International Standard: Common specification for High Voltage Switchgear and control gear standards.
4. IS 2516 Specification for alternating current Circuit Breakers. Voltage above 1000 V upto and including 11000 V.
5. IS 12729 : General requirements for switchgear and control gear for voltage exceeding 1000 V.
6. IS 13118 : General requirements for circuit breaker for voltage above 1000 V.
7. IS 133427 : Metal enclosed switchgear and control gear for voltage above 1000 V but not exceeding 11000 V.
8. IS 5082 : Material for data for aluminum bus bars.
9. IS 9920 : Switches and Switch isolator for voltage above 1000 V.
10. IS 2705 : Current Transformer.
11. IS 3156 : Voltage Transformers.
12. IS 1248 : Electrical indicating instruments.
13. IS 3231 : Electrical Relays for power system protection.
14. IS 6875 : Control switches and push buttons.
15. IS 694 : PVC insulated cables for working voltage upto and including 1100V.
16. IS 8623 : as amended upto date for general constructions of LT Board.
17. IS 1554 & IS 732 as amended upto date for cable.
18. IS-13947 – 1993 as amended upto date for degree of enclosure protection.

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CORRECTION-NIL
OVERWRITING-NIL

SCHEDULE OF QUANTITIES

Name of Work: "Boring of Tube well at Alampur campus of 54 Bn BSF under Ftr HQ BSF Gujarat (SH: Installation of submersible pump, column pipe, cables and control panel)".					
S/N	Description of Item	Qty	Unit	Rate	Amount
1	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. Size-90 mm dia (OD-90 mm & ID-76 mm nominal).	230	Mtr		
2	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	Set		
3	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	10	Mtr		
4	Supplying and making end termination with brass compression gland and aluminum lugs for following size of XLPE insulated and PVC sheathed aluminum conductor cable of 1.1 KV grade as required.				
	i) 3½ X 95 sq. mm (45mm)	2	Nos.		
5	Lumpsum provision for suitable capacity submersible pump. Exact Rating/HP & Head/flow range will be decided after completion of borewell and receipt of discharge/yield report. However as of now rate for Providing and fixing of 3 phase, 30 HP/22 KW submersible pump having Head range -18 Stage, flow range 69 m3/min, having Outlet size- 65 mm, Head Range-270-72 m alongwith installation/lowering has been taken in the estimate.	1	Nos.		
6	Supply and installation of UPVC Column pipe of working pressure 26 Kg/cm2 Heavy duty 3" dia (OD 88 mm and DN 80 mm), 3 mtr length of each pipe with one sided threaded suitable for 8" borewell and submersible pump (Make-Kothari, Prince, Supreme, Ashrivad, Finolex, Astral).	53	Each		

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7	Providing & laying of three core 10 sqmm flat copper conductor PVC Sheathed cable 1100 volts for submersible pump set conforming to IS:694 Make-Havells/Finolex/L&T/RR Kabel/KEI or equivalent make.	340	Mtr		
8	Providing & laying of 6 MM SS grade 304 safety guard wire alongwith column pipe in the borewell for safety of submersible pump set of any reputed make.	160	Mtr		
9	Supplying and fixing of Submersible pump accessories i/c SS 304 SUPER HEAVY BOTTOM ADAPTOR 3" size, Guard set 3" size with 2 nos SS Flange and 02 nos SS Rod with nut and cotter pin for hanging of submersible motor pump set in bore well (Prince, supreme, Ashirvad, Finolex, Kissan, Astral, Duke make).	1	Nos.		
10	Supplying and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade as per IS 7098 (Part 1) 1988 with upto Date Amendments of aluminium conductor armoured type of 3.5X 95 sqmm size in the existing RCC/ HUME/DWC/ METAL pipe as required. Make-RR Kabel/Havells/Polycab/Finolex.	230	Mtr		
11	Supplying and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of aluminium conductor armoured type of 3.5X 95 sqmm size in the existing masonry open duct as required. Make-RR Kabel/Havells/Polycab.	5	Mtr		
12	SITC of cubical outdoor type panel (double door) manufactured by CPRI approved fabrication of metal clad. Powder coated, compartmentalized Cubicle panel as per CPWD Electrical Specifications including insulated bus interconnection, bars, Supports, erection of switchgears and making provisions for termination of incoming/ outgoing cables/ bus ducting etc. made out of 14 SWG CRCA sheet powder coated seven time processed of size 800 mm x 700 mm x 300 mm deep having 125 amp 4 nos aluminium bus bar and following accessories mounted thereon. The panel shall be openable from front side and also consists of angle iron frame of size 800 mm x 300 mm with 4 legs of 600 mm long made with 35 x 35 x 4 mm thick angle iron, out of which 300mm grouted in CC foundation and 300mm above ground level with erection, testing & commissioning including foundation. (Size-450mm X 300mm X 450mm)X2, earthing	1	Nos.		

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL

<p>studs, separators, supports with hinged doors locking arrangements and providing detachable MS plate at the bottom with making of required size cable gland including finishing painting, interconnections, connections and installation work will be executed in 1:3:6 (1 Cement : 3 Coarse sand : 6 graded stone aggregate 40mm nominal size) etc as required. etc as reqd.</p> <p>i) MCCB 4 pole 100 Amps 27 KA, 415 volts 50 Hz of L&T/ Havells/ Siemens/ C&S Make - 1 No</p> <p>ii) Fully Automatic Star Delta Submersible Starter DLX (with short-circuit Protection) - HGS Series for 30 HP/22KW motor with single phase preventer, VFA meter and indicator, push button and outgoing MCB complete wiring and testing etc and contactor Conforms to IS/IEC 60947-4-1, Provided with Protection Degree IP 54 make Havells/L&T, Schneider or equivalent make. The panel should also have separate openable door with two no push button for ON/OFF of motor pump set without opening main door of panel as per drawing provided by CTA.</p>				
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2IC(ELECT)/EE
FTR HQ BSF GUJ

I Have seen the site of work NIT etc before tendering

SIGNATURE OF CONTRACTOR WITH SEAL

Note:- Tenderer shall quote his rates inclusive of all applicable (Goods and services Tax, income tax, education tax, labour cess and any other taxes as applicable time to time) and nothing extra shall be payable on this account.

Approved/ Not Approved

**2IC/Executive Engineer (Electrical)
FTR HQ BSF GUJ**

JE(Elect)

AE(ELECT)

2IC/EE(Elect)

ADDITION-NIL
DELETION-NIL
CORRECTION-NIL
OVERWRITING-NIL