

## **NOTICE INVITING E-TENDER**

**NIT NO:- 04/Engg /Elect/SHQ-BHP/2026-27**

**Name of work: - “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories).”**

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Certified that this N.I.T. contains page 01 to 29 only

This N.I.T. is approved for **Rs. 2,53,597/- (Rupees Two Lakh fifty-three thousand five hundred and ninety-seven) only.**

**Assistant Engineer (Elect)/AC  
SHQ BSF Berhampore**

JE (Elect)

AC (Elect)

**OFFICE OF THE DY. INSPECTOR GENERAL: SHQ BSF BERHAMPORE**

**NOTICE INVITING E-TENDER**

**TWO BID SYSTEM**

The **Assistant Engineer (Elect)**, SHQ BSF Berhampore, Murshidabad- 742164, Border Security Force invite on behalf of President of India online **Percentage rate** e-Tender on two bid system for the under mentioned work from the approved and eligible Contractor of CPWD and also those who are appropriate approved class with department of Railway, MES, BSNL, West Bengal State PWD having valid electrical license.

S. No.	NIT No. and Name of Work	Estimated Cost (In Rs)	Earnest Money (in Rs)	Time of completion	Last time & date of submission of tender	Time & date of opening of tender
1	<b>NIT No. 04/Engg(Elect)/SHQ-BHP/2026-27</b> “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”	2,53,597/-	5,072/-	180 Days	1200 Hrs on 28/05/2026	1230 Hrs on 29/05/2026

i) Date and time upto which original EMD shall be submitted: Before the end date of the bid.

ii) Date and time of opening of online financial bid : after approval of technical bid by CTA.

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- 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 can be seen and downloaded from website <http://eprocure.gov.in>.
- The bid can only be submitted after uploading the mandatory documents such as Demand Draft or Pay order or Banker’s Cheque or Deposit at call Receipt or Fixed Deposit Receipts of any Scheduled Bank towards cost of EMD in favour of **DIG BSF Berhampore** payable at **SBI Lalbagh**.
- Those contractors not registered on the website mentioned above, are required to get registered beforehand.
- Bid shall only be submitted online after uploading the scanned copy of Enlistment order of the contractor, valid electrical license, EMD receipt, DD/receipt, GST, PAN No. Income Tax and acknowledgement up to date file return and experience certificate in the PDF format.**
- Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker’s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt **and bank guarantee** of any scheduled bank drawn in favor of **The DIG BSF BHP** should be deposited in the office of **The DIG BSF BHP** within the period of Bid submission. The EMD receiving office (AE/DDO) shall issue a receipt of deposition of Earnest money deposit to the bidder in 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. This receipt shall be scanned and uploaded to the e-bidding website within the period of bid submission.
- The online technical bid shall be opened first on due date and time as mentioned above in NIT and Financial bid of contractors qualifying the technical bid shall be opened after approval of technical bid by competent authority.

No.

Dated, the \_\_/\_\_/2026

**Assistant Engineer (Elect) / AC**  
**SHQ BSF BHP**

**For and on behalf of President of India**

JE (Elect)

AC (Elect)



**Hkkjr ljdkj**  
**Government of India**  
**ख`g ea=ky;&lhek lqj{kk cy**  
**Ministry of Home Affairs, Border Security Force**  
**NOTICE INVITING E-TENDER**



1. The **Assistant Engineer (Elect)**, SHQ BSF Berhampore, Murshidabad- 742164, Border Security Force invite on behalf of President of India online **Percentage rate** e-Tender on two bid system for the under mentioned work from the approved and eligible Contractor of CPWD and also those who are appropriate approved class with department of Railway, MES, BSNL, West Bengal State PWD having valid electrical license.
2. NIT NO. **04/Engg(Elect)/SHQ-BHP/2026-27**,
3. Name of work – “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”
4. Estimated cost **Rs. 2,53,597/-**
5. Earnest money **Rs. 5,072/-**
6. Period of completion- 180 days
7. Last date and time of submission of bid **28/05/2026** at 1200 Hrs.

The bid forms and other detail can be obtained from the website [www.e-procure.gov.in](http://www.e-procure.gov.in).

**Assistant Engineer (Elect) / AC**  
**SHQ BSF BHP**  
**For and on behalf of President of India**

No. \_\_\_\_\_

Dated, the \_\_\_\_\_, 2026

**Distribution: -**

- |   |   |  |
|---|---|--|
| 1. Contractors Association CPWD (EZ Nizam Place AJC Bose Road, Kol-20 | - | For information and wide publicity please. |
| 2. EE (E), SE Railway, Koilaghat, Kol-19                              | - | -do-                                       |
| 3. SE (Elect) Engg Dte FHQ BSF N/Delhi                                | - | -do-                                       |
| 4. SHQ BSF Malda/Kolkata/Krishnanagar                                 | - | -do-                                       |
| 5. The Commandant 149/73/146/11/56 Bn                                 | - | -do-                                       |
| 6. Spl DG (E) BSF, Lord Sinha Kolkata                                 | - | -do-                                       |
| 7. Vig cell, HQ SB Ftr BSF  | - | -do-                                       |
| 8. FTR HQ BSF SB Engg Br. (Elect)                                     | - | -do-                                       |
| 9. Vigilance Cell, SHQ BSF BHP  | - | -do-                                       |
| 10. <a href="mailto:edpdt@bsf.nic.in">edpdt@bsf.nic.in</a> (by mail)  | - | For uploading on BSF website               |
| 11. Notice board  |   |  |
| 12. File  |   |  |

JE (Elect)

AC (Elect)



**Hkkjr ljdkj**  
**Government of India**  
**x`g ea=ky;&lhek lqj{kk cy**  
**Ministry of Home Affairs, Border Security Force**  
**CPWD-6 FOR e-Tendering**



The **Assistant Engineer (Elect)**, SHQ BSF Berhampore, Murshidabad- 742164, Border Security Force invite on behalf of President of India online **Percentage rate** e-Tender on two bid system for the under mentioned work from the approved and eligible Contractor of CPWD and also those who are appropriate approved class with department of Railway, MES, BSNL, West Bengal State PWD having valid electrical license.

Name of work:- **“Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”**

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

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

1.1 The work is estimated to cost **Rs. 2,53,597/-**-This estimate, however, is given merely as a rough guide.

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

**Criteria of eligibility for submission of bid documents**

**1.2.1 Conditions for experience of contractors i.e Three similar works each of value not less than 40% or two similar work each of value not less than 60% or one similar work of value not less than 80% in last 7 years ending previous day of last date of submission of bids.**

2. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available website [www.cpwd.gov.in](http://www.cpwd.gov.in). Bidders shall quote their 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 **180 days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The 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 can be seen on website [www.eprocure.gov.in](http://www.eprocure.gov.in).
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

JE (Elect)

AC (Elect)

8. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not to re-enter rate of all the items) but before last time and date of submission of bid as notified.
9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt **and bank guarantee** of any scheduled bank drawn in favor of **The DIG BSF BHP** should be deposited in the office of **The DIG BSF BHP** within the period of Bid submission. The EMD receiving office (AE/DDO) shall issue a receipt of deposition of Earnest money deposit to the bidder in 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. This receipt shall be scanned and uploaded to the e-bidding website within the period of bid submission.

Copy of Enlistment order and certificate of work experience and other documents as specified in the e-tender notice shall be scanned and uploaded in technical bid to the e-tendering website within the period of bid submission. **However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall be submitted by the lowest bidder only bid documents within a week after opening of financial bid physically in Engineering branch, SHQ BSF Berhampore.**

**The technical bid should consist of the following scanned documents**

1. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt and bank guarantee of any scheduled bank drawn in favor of The DIG BSF BHP should be deposited in the office of The DIG BSF BHP within the period of Bid submission. The EMD receiving office (AE/DDO) shall issue a receipt of deposition of Earnest money deposit to the bidder in prescribed format. Deposit declaration form duly signed by the bidder, in a prescribed format uploaded by bid inviting Assistant Engineer in the NIT (Form “C”). This receipt shall be scanned and uploaded to the e-bidding website within the period of bid submission.
2. Registration/Enlistment certificate of the Contractor.
3. Valid Electrical license (Form-F) issued by competent authority.
4. Copy of Certificate of GST Registration.
5. Copy of Pan Card.
6. Work experience of similar kind of work as per para 1.2.1-page no.4 of this NIT.
7. Undertaking/Certificate of blacklisted by any other departments.
8. Annual turnover of contractor.
9. Integrity pact (NIT page No. 17) duly signed by the firm.
10. Additional terms and conditions (given at last page of NIT be printed for signing and scanning) duly signed by firm

**The financial bid should consist of bill of quantity (schedule of work) with quoted rates by contractor.**

The online technical bid submitted shall be opened at **1230 Hrs on 29/05/2026** by board of officers. The date and time of opening of financial bid of contractors qualifying the technical bid shall be opened after approval of technical bid by competent authority.

9. The bid submitted shall become invalid if
  - 1) The bidder is found ineligible.
  - 2) The bidder does not upload all the documents as stipulated in the bid document.

- 3) 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 Engineering branch, SHQ BSF BHP.
10. The contractor whose bid is accepted will be required to furnish performance guarantee of **5%(Five Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Payorder of any Scheduled Bank or fixed deposit. 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.**
11. **The description of the work is as follows: “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”**  
Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to tender for works in the SHQ BSF BHP responsible for award and execution of contracts, in which his near relative is posted a Sr Accountant or as an officer in any capacity between the grades of Commandant( Works)/Superintending Engineer and SI (Elect)/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 gazette officer in the Border Security Force Department or in the Ministry of Home Affairs. Any breach of this condition by the contract or would render him liable to be rejected their tender.
16. No Engineer of Gazette Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the

Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

17. **The bid for the works shall remain open for acceptance for a period of seventy-five (75) days from the last date of opening of technical bids.** If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. 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.

## Form 'C'

### RECEIPT OF DEPOSITION OF ORIGINAL EMD

(Receipt No...../date.....)

**Name of work:-** “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”

1. NIT No.: - **04/Engg(EI)/SHQ-BHP/2026-27**

2. Estimated Cost :- **Rs. 2,53,597/-**

3. Amount of Earnest Money Deposit :- **Rs. 5,072/-**

4. Last date of submission of bid: **28/05/2026** at 1200 Hrs

(**\*\*\*\*** to be filled in by bid inviting authority at the time of issue and to be uploaded along with NIT by the contractor)

5. Name of contractor: - \_\_\_\_\_

6. Form of EMD :- \_\_\_\_\_

7. Amount of Earnest money deposit :- ` \_\_\_\_\_

8. Date of submission of EMD: - \_\_\_\_\_

(\_\_\_\_\_ to be filled by EMD receiving AE/DDO)

-----  
**Signature, Name and Designation of EMD receiving officer  
(AE/DDO) along with Office stamp**



Hkkjr ljdkj  
Government of India  
x`g ea=ky;&lhek lqj{kk cy  
Ministry of Home Affairs, Border Security Force  
**NOTICE INVITING TENDER**



STATE: WEST BENGAL  
BRANCH: ENGINEERING  
ZONE: EASTERN COMMAND

CIRCLE: FHQ NEW DELHI  
DIVISION: FTR HQ BSF SB  
SUB-DIVISION: SHQ BSF BHP

**PERCENTAGE RATE TENDER CONTRACT FOR WORKS**

- A **Tender for the work:-** “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”
- (i) To be submitted online by **1200 Hrs on 28/05/2026**.
- (ii) To be opened by board of officers in presence of tenderers who may be present at **1230 Hrs 29/05/2026 in the Office of the SHQ BSF BHP**.

**TENDER**

I/we have read and examined the notice inviting tender, schedule A.B.C.D.E & F, specifications applicable, Drawing and Design, General rules and directions, Conditions of contract, clauses of the contract, special conditions, schedule of Rates & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/we have hereby tender for the execution of the work specified for the President of India 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 clauses 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.

We agree to keep the tender opened for **seventy-five (75)** days from last date of opening of technical bids and not to make any modifications in its terms and conditions.

A sum of **Rs. 5,072/-** is hereby forwarded in Receipt Treasury Challan/ Deposit call receipt of Scheduled Bank as earnest money. If I/we fail to commence the work specified, 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 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 therein and to carry out such deviations as may be ordered upto maximum of the percentage mentioned in schedule ‘F’ and 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 the tender forms.

I/we hereby declared 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 authorised to communicate the same or use the information in any manner prejudicial to the safety of the state.

**Date**

**Signature of Contractor  
Postal Address**

**Witness  
Address  
Occupation**

JE (Elect)

AC (Elect)

**ACCEPTANCE**

The above tender (as modified by you as provided in the matters 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)

Assistant Engineer (Elect)/AC  
SHQ BSF Berhampore

## SCHEDULES

### **SCHEDULE 'A'**

Schedule of quantities (enclosed): as per sheet attached from page **28 & 29**.

### **SCHEDULE-'B'**

Schedule of materials to be issued to the contractor

<i>S/No</i>	<i>Description of items</i>	<i>Quantity</i>	<i>Rates in figures &amp; words at which the materials will be charged to the contractor</i>	<i>Place of Issue</i>
<i>(01)</i>	<i>(02)</i>	<i>(03)</i>	<i>(04)</i>	<i>(05)</i>
<i>BLANK:</i>				

### **SCHEDULE-C**

***Tools and plants to be hired to the contractor***

<i>Srl No</i>	<i>Description</i>	<i>Hire charges per day</i>	<i>Place of issue</i>
<i>(01)</i>	<i>(02)</i>	<i>(03)</i>	<i>(04)</i>
<i>: BLANK:</i>			

### **SCHEDULE-D**

***Extra schedule for specific requirements/documents for the work, if any: Nil***

### **SCHEDULE-E**

***Schedule of component of materials, labour etc for escalation: Nil***

***CLAUSE 10 CC***

***: N/A***

***Component of cement- expressed as percent of total value of work***

***: Xc \_\_\_\_\_***

***Components of Steel- expressed as percent of total value of work***

***: Xs \_\_\_\_\_***

***Components of Civil (except cement & steel) electrical construction***

***Materials - expressed as percent of total value of work***

***: Xm \_\_\_\_\_***

***Components of labour- expressed as percent of total value of work***

***: Y \_\_\_\_\_***

***Component of POL- expressed as percent of total value of work***

***: Z \_\_\_\_\_***

### **SCHEDULE-F**

Reference to the General condition of contract. – CPWD Specification should follow

JE (Elect)

AC (Elect)

**Name of work: - "Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)"**

- (i) Estimated cost of work: **Rs. 2,53,597/-**  
(ii) Earnest money: **Rs. 5,072/-**  
(iii) Security Deposit: 2.5% on tendered value.  
(iv) Performance guarantee: 5% on tendered value

**General Rules and Direction**

Officer inviting tender **Assistant Engineer (Elect), SHQ BSF BHP**  
Maximum percentage for quantity of items of works to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 **See below**

**Definitions:**

- 2(i) Engineer-In-Charge **Assistant Engineer (Elect), SHQ BSF BHP**  
2(vii) Accepting Authority **Assistant Engineer (Elect), SHQ BSF BHP**  
2(x) Percentage on cost of materials and labour to cover all overheads and profits **15%**  
2(xi) Standard schedule of Rates **DSR 2025 & Market Rates**  
2(ii) Department **Border Security Force**  
2(xiii) Standard CPWD contract form CPWD form 7/ 8 as modified and corrected up to date.

**Clause-1**

- (i) Time allowed for submission of performance guarantee from the date of issue of letter of acceptance **15 Days**  
(ii) Maximum allowable extension beyond the period( provided in I ) above **07 Days**

**Clause-2** Authority for fixing compensation under clause-2 **Comdt/SE(ELECT) FHQ/ NEW DELHI**

**Clause-2(A)** Whether clause 2A shall applicable **NO**

**Clause-5** Number of days from the date of issue of letter acceptance for reckoning date of start. **22 Days**

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

*Table of Mile stone(s)*

<i>S/No</i>	<i>Description of milestone( Physical)</i>	<i>Time allowed in days ( from date of start)</i>	<i>Amount to be with held in case of non achievement of milestones.</i>
<i>1.</i>			
<i>2.</i>	<i>Blank</i>		

JE (Elect)

AC (Elect)

3.			
4.			
	Time allowed for execution of work	<b>180 days</b>	
<b>Clause 6, 6A</b>			
	Clause applicable-(6 or 6A)	<b>Clause 6A</b>	
<b>Clause-7</b>			
	Gross work to be done together with net payment/ adjustment of advances for materials collected, if any since the last such payment for being eligible	<b>: BLANK:</b>	
<b>Clause 10A</b>			
	List of testing equipment to be provided by the contractor at site lab		
<b>(ii) Clause 10B(ii)</b>			
	Whether clauses 10B(ii) shall be applicable	<b>Yes/No</b>	
<b>Clause 10CA</b>			
	Materials covered under this clause	Nearest material for which All India wholesale price Index is to be followed	
	1.		
	2.		
	3.		
<b>Clause 10CC</b>			
	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period show in text column.	<b>N/A</b>	
<b>Clause-11</b>			
	Specification to be followed for execution of work	<b>CPWD Maintenance schedule &amp; CPWD specification to be followed.</b>	
<b>Clause-12</b>			
	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work	<b>30%</b>	
	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	<b>N/A</b>	
<b>Clause-16</b>			
	Competent authority for deciding reduced rates	<b>SE(Elect) FHQ BSF N/D/ EE(Elect) Ftr HQ BSFSB</b>	
<b>Clause-18</b>			
	List of mandatory machinery, tools & plants to be deployed by the contractor at site :		
		As per site requirement	
<b>Clause-36(i)</b>			

<i>S/No</i>	<i>Minimum qualification of Technical representative</i>	<i>Discipline</i>	<i>Designation (Principal Technical/ Technical representative)</i>	<i>Minimum Experience</i>	<i>Number</i>	<i>Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)</i>
<b>1.</b>			<b>NIL</b>			

**Assistant Engineer retired from Government services that are holding Diploma will be treated at per with Graduate Engineers.**

**Clause-42**

- (a) Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi schedule Rates 2018 printed by CPWD
- (i) Variations permissible on theoretical quantities
- (ii) Cement for works with estimated cost put to tender not more than Rs.5 lakhs
- (a) For works with estimated cost put to tender more than 5 lakhs
- (b) Bitumen for all works
- (c) Steel/ reinforcement and structural steel section for each diameter, section and category
- (d) All other materials

**BLANK**

RECOVERY OF RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

<i>S/No</i>	<i>Description of Items</i>	<i>Rates in figures and words at which recovery shall be made from the contractor</i>	
		<i>Excess beyond permissible variation</i>	<i>Less use beyond the permissible variation</i>
<b>1.</b>	<b>Cement</b>	<b>BLANK</b>	<b>BLANK</b>
<b>2.</b>	<b>Steel reinforcement</b>		
<b>3.</b>	<b>Structural section</b>		
<b>4.</b>	<b>Bitumen issued free</b>		
<b>5.</b>	<b>Bitumen issued at stipulated fixed price</b>		

**CERTIFICATES**

- I. Certified that all departure from the specifications have been brought down in the forwarding letter to this tender.
- II. Except for the departures brought down in the forwarding letter the tender complies with the tender specifications in all respect.
- III. The rates quoted are Net and inclusive of all duties, levies and taxes without any conditions. We Understand that any condition in the price bid shall make the tender liable for cancellation.

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR E-TENDERING**  
**FORM IN PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE**

The **Assistant Engineer (Elect)**, SHQ BSF Berhampore, Murshidabad- 742164, Border Security Force invite on behalf of President of India online **Percentage rate** e-Tender on two bid system for the under mentioned work from the approved and eligible Contractor of CPWD and also those who are appropriate approved class with department of Railway, MES, BSNL, West Bengal State PWD having valid electrical license.

<b>E-NIT No-</b>	<b>04/Engg(EI)/SHQ- BHP/2026-27</b>
Name of Work: -	<b>“Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”</b>
Estimate Cost:	<b>Rs. 2,53,597/-</b>
Earnest Money:	<b>Rs. 5,072/-</b>
Completion period:	<b>180 Days</b>

1. Contractor who fulfills the following requirements shall be eligible to apply. Joint ventures are not accepted.
  - a) Should have satisfactorily completed the work as mentioned below during the last seven years ending previous day of last date of submission of bids.
2. Conditions for contractors only Three similar works each of value not less than 40% or two similar work each of value not less than 60% or one similar work of value not less than 80% in last 7 years ending previous day of last date of submission of bids.
3. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
4. Information and Instructions for bidders posted on website shall form part of bid document.
5. The bid document consisting of specification and 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 can be seen and downloaded from website [www.eprocure.gov.in](http://www.eprocure.gov.in) or SHQ BSF BHP.
6. But the bid can only be submitted after uploading the mandatory scanned documents such as demand draft or Pay order or Banker’s Cheque or Deposit at call Receipt or Fixed Deposit Receipts of any Scheduled Bank towards EMD in shape of Demand Draft/Pay order of any scheduled bank in favour of DIG BSF **BHP** and other documents as specified.
7. 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.
8. The intending bidder must have valid class -III digital signature to submit the bid.
9. On opening date, the contractor can login and see the bid opening process. After opening the bids he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of PDF format.

JE (Elect)

AC (Elect)

11. Contractor must ensure to quote percentage rate of above work.

In addition to this, if any cell is left blank the same shall be treated as “O”.

Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as “O” (ZERO).

12. The online technical bid shall be opened first on due date and time as mentioned above in NIT. The time and date of opening of financial bid of contractors qualifying the technical bid shall be opened after approval of technical bid by competent authority.
13. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

**List of Documents to be scanned and uploaded within the period of bid submission:**

1. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt and bank guarantee of any scheduled bank drawn in favor of The DIG BSF BHP should be deposited in the office of The DIG BSF BHP within the period of Bid submission. The EMD receiving office (AE/DDO) shall issue a receipt of deposition of Earnest money deposit to the bidder in prescribed format. Deposit declaration form duly signed by the bidder, in a prescribed format uploaded by bid inviting Assistant Engineer in the NIT (Form “C”). This receipt shall be scanned and uploaded to the e-bidding website within the period of bid submission.
2. Registration/Enlistment certificate of the Contractor.
3. Valid Electrical license (Form-F) issued by competent authority.
4. Copy of Certificate of GST Registration.
5. Copy of Pan Card.
6. Work experience of similar kind of work as per para 1.2.1 page no.4 of this NIT.
7. Undertaking/Certificate of blacklisted by any other departments.
8. Annual turnover of contractor.
9. Integrity pact (NIT page No. 17) duly signed by the firm.
10. Additional terms and conditions (given at last page of NIT be printed for signing and scanning) duly signed by firm

## INTEGRITY PACT

To,

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

**Sub: NIT No. 04/Engg(Elect)/SHQ-BHP/2026-27**

**For the work:- “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”**

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

Assistant Engineer (Elect)  
SHQ BSF BHP

**FORMAT FOR INTEGRITY PACT**

**\*To be submitted on Bidder’s Original Letter Head]**

To,

Assistant Engineer (Elect)  
SHQ BSF BHP

Submission of Tender for the work:- **“Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”**

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 relevant contract on behalf of B.S.F.)

**INTEGRITY AGREEMENT**

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

**BETWEEN**

President of India represented through Executive Engineer

(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 ..... (Herein after referred to as the (Details of duly authorized signatory)

“**Bidder/Contractor**” and which expression shall unless repugnant to the meaning or context here of include its successors and permitted assigns)

**Preamble**

WHEREAS the Principal / Owner has floated the Tender (NIT No.....) (herein after referred to

as “**Tender/Bid**”) and intends to award, under laid down organizational procedure, contract for  
“.....”

(**herein after 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**

JE (Elect)

AC (Elect)

- 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 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.
- 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 wilful 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.
- 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.

**Article 7- Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters 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 intensions.
- 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

UNDERTAKING REGARDING NOT BLACKLISTED / NON-DEBARMENT

We hereby confirm and declare that we, M/S \_\_\_\_\_ are not blacklisted/ De-registered/ debarred/ bankrupt by any Government department/ Public Sector Undertaking (PSU) and any other agency.

Yours faithfully,

(Duly authorized signatory of the Bidder)

## ADDITIONAL SPECIFICATION AND CONDITIONS

1. The work shall be carried out strictly in accordance with CPWD specifications for electrical works Part-I Internal 2013 and (external) as amended upto date and in accordance with Indian Electricity Rules, 1956, Indian Electricity Act, 1910 as amended upto date and as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.
2. All materials to be used on this work by the contractor shall be got approved from the Engineer-in-Charge and deptt. Has right to inspect the material at manufacturers' place before installation at site.
3. The work shall be carried out according to approved drawings/details which shall be subsequently issued to the successful for execution of work and as per instructions of the Engineer-in-Charge who will have the right to change the layout as per requirement at site and the contractor shall not have any claim due to change in layout.
4. All damages done to the building, roads, pathways, floors, walls during execution of electrical work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
5. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost of the satisfaction of the Engineer-in-Charge. The programme of electrical works are to be co-ordinated in accordance with the building work and no claim for idle labour will stipulated in the tender, electrical work shall have to be completed within 30 days of the completion of civil work.
6. All the debris of the electrical works should be removed and the site should be cleared by the contractor immediately after the accruing of debris. Similarly any rejected material should be immediately cleared off from the site by the contractor.
7. Issue of material to the contractor wherever stipulated, shall be according to the requirement at site from time to time depending upon the progress of work.
8. Cement for this bonafied work is to be arranged and used by the contractor himself and nothing extra will be paid on this account.
9. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
10. The size of conduit and wiring shall be got approved from the Engineer-in-Charge before taking upto the execution.
11. The contractor shall make his own arrangement at his own cost for electrical/general tools and plants required for the work
12. Main board and main distribution board: The work shall be carried out according to the

drawings/details as approved by the Engineer-in-Charge. The contractor shall have to get the samples approved before the whole lot is brought to site and it shall include all inter connections etc.

13. No Central/State sales tax/Contract tax/Excise duty etc. shall be separately paid by the department. The rates tendered should be inclusive all taxes and duties (exclusive of service tax) Deduction of contract tax at source shall be made while releasing payment through running/final bills as applicable. A certificate specifying the rate and amount of deduction shall however be issued. No Form-D, 31/32 (Road permit) shall be issued by the department. The road permit shall be arranged by the tenderer on his own.
14. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However if there is any delay in construction from the department side, the installation may be taken over in parts, but the decision on the same shall rest with Engineer-in-Charge which shall be binding on the contractor.
15. Notwithstanding the schedule of quantities, all items of interrelated works considered necessary to make the installation complete and operative are deemed to be included shall be provided by the contractor at no extra cost.
16. The connection, inter connection, earthing and inter earthing shall be done by the contractor wherever required and nothing extra shall be paid on this account.
17. Some of the items of work, if already executed: on that case the successful tenderer shall have to use these items for completing the work. For wiring, the existing conduit wherever required shall be used by the contractor. The recovery will be made for these items as accepted rate of other agencies.
18. Nothing extra shall be paid for :-
  - (a) Inter connections with thimbles/wires/tapes strips etc.

Assistant Engineer (Elect)  
SHQ BSF BHP

**LIST OF ACCEPTABLE MAKE**

<b>S. No.</b>	<b>Item</b>	<b>Name of Manufacturers</b>
1.	FRLS PVC insulated copper conductor single core cable for wiring (ISI marked)	Havells / Polycab / RR Kabel / KEI / HPL
2.	GI Pipe	Tata/Jindal/Bansal/Utkarsh/Prakash/Surya
3.	Submersible pump	KSB / Crompton/Kirloskar/Lubi
4.	Mono block motor pump	Crompton / Kirloskar / KSB / Havells
5.	Copper cable / wire	Polycab/ Havells / L&T/ RR Kabel/Finolex/ Plaza
6.	uPVC column pipe	Prince, supreme, Ashirvad, Finolex, Surya, Astral, Jindal
7.	Paints	ICI/Asian/Berger/Nerolac/JSW/Indigo/ Shalimar
8.	Terminal Blocks and connectors	Elmex/Essex/Connect Well.
9.	Compact air insulated rising main.	Legrand/Schneider/L&T
10.	MCB, MCBDB, RCB's/RCCB's	Schneider Electric/Legrand/L&T /Hager/ Siemens/HPL /havells/C&S
11.	MCCB/Timer	Schneider Electric/ Siemens/Larsen & Toubro/C&S/Legrand/HPL /havells
12.	SFU, HRC Fuses, cable management system/DLP Trunking	Schneider Electric/ Siemens/ Legrand/ L&T/ HPL /havells/C&S/ABB
13.	Ammeter/Voltmeter	AE/IMP/Rishabh/HPL (only digital type to be used)/havells /L &T
14.	Selector Switch/CT's	Kayee/Siemens/Bhartiya Cutler Hammer/L&T
15.	Change over Switch	HPL/H-Elcon/Standard/L&T/Siemens/C&S/ABB
16.	Indicating Lamps	Teknic/Siemens/L&T/Vaishnov
17.	Panel Board/Feeder Pillar	Manufacturers having ISO 9001 certification & CPRI approved
18.	Ceiling fan/Exhaust fan. (only energy efficient fans, consuming $\leq 50 W$ and CMM $\geq 200$ for 900 mm & 60 W and CMM $\geq 240$ for 1400 mm shall be used).	Crompton/Orient/Polar/Bajaj/Havells/Usha/ ISI mark
19.	Fluorescent/LED/Flood	Phillips/Crompton/Wipro/havells/bajaj/Surya/ C&S
20.	Lamps	Crompton/Phillips/Wipro/bajaj/Havells
21.	Wall Brackets/Bulk head	Crompton/Phillips/Havells/Bajaj/C&S/Orient
22.	Angle Holder/Batten Holder	ISI marked Kinjal/Emperor/Anchor
23.	NRV/Gate Valve	Sant/Leader/BS
24.	XLPE insulated PVC sheathed aluminium cable upto 1.1 KV Gd	Havells/Polycab/Finolex/KEI/RR Kabel/Plaza
28.	PVC conduit i/c accessories	Precision/Asian/Diamond/Mod/AKG/poly cab/finolex
29.	Paino type Switches/Socket/TV / Telephone Outlet (ISI marked)	Anchor/Leader/havells/GM
30.	ACB	Siemens 3WL/L&T U-Power Omega/Scheinder Master Pack/Legrand/ABB-emax.
31.	Heat shrinkable joint kit	3M/Raychem/Pyrrsmian/KM/M seal

**Note:-** The decision of the Engg-In-Charge in regard to use of any particular brand out of above mentioned brands shall be final and binding to the contractor. No payment shall be made for such rejected material.

**SCHEDULE OF QUANTITY**

**Name of Work:** “Installation of Deep Borewell at BOP Charbhadra Base Fwd and BOP Fazipara Fwd (Standing petrol base) in AOR of 146 BN BSF under SHQ BSF Berhampore. (SH: Providing Submersible pump set, Column pipes, cable and accessories.)”

S/N	Description of Item	Qty	Unit	Rate	Amount
1	Providing and fixing of Single phase, 2 HP (1.5KW) submersible pump having head range 40-60 mtr flow range 190-30 LPM, having outlet size-32 mm, suitable for 6"(150 mm) dia bore well, 50 Hz including installation and lowering, testing and commissioning etc as required. (Make: KSB /Kirloskar / Crompton / Lubi / CRI)	2	Each	32073.00	64146.00
2	Supplying and fixing of <b>4 sqmm flat type Three Core</b> Supplying & fixing PVC insulated PVC sheathed copper conductor submersible flat cable ISI Marked in existing metal/HDPE/PVC/pipe/ in bore well/in sump including fixing the cable to GI/HDPE pipe with suitable cable tags of following sizes etc. as required Make - Polycab/Havells/Finolex/Standard	110	Mtr	186.00	20460.00
3	Supplying and fixing of 32 mm sizes of PVC conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. (Used for Bore to starter panel)	10	Mtr	209.00	2090.00
4	Providing and fixing of 8 mm dia galvanized steel wire rope along with U clamp for the safety of 2 HP submersible pumping system	100	Mtr	132.00	13200.00
5	Supplying and fixing MS powder coated clamp for holding of column pipes 40 mm dia complete with bolt nut washer etc complete etc as required.	4	Set	463.00	1852.00
6	Supplying and laying of <b>40 mm dia (OD-40 mm &amp; ID-32 mm nominal)</b> 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.	120	Mtr	221.00	26520.00
7	Supplying and Laying of one number PVC insulated and PVC sheathed/ XLPE Armoured power cable of 1.1 KV grade armoured UG electric cable with aluminium conductor of size 2 x 16 sq.mm. in the existing <b>HDPE pipe/ metal/ open duct</b> as required.	125	Mtr	435.00	54375.00
8	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.1. thimble excavation and re-filling as required.	16	Set	313.00	5008.00
9	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required. (Panel Earthing)	2	Set	7658.00	15316.00

10	Providing, Installation, Testing and Commissioning of outdoor type totally enclosed weather proof feeder panel with sloping canopy top of suitable size (minimum size 500mm x 400mm x 300mm) having vibration free structure chemically treated with 7 tank process before painting for surface treatment and powder coated, fabricated from 14 SWG/2 mm thick CRCA sheet suitable for 415 volts, 50 Hz A.C. supply with gland plate, hinged front openable double leaf doors and locking arrangement, suitable size 2 strip 100 Amp Al. busbar. powder painted with approved shade, including connection / interconnections with FRLS PVC insulated copper conductor single core cable of suitable size with four legs of 600mm long made out of angle iron frame of size 40mm X 40mm X 5 mm etc complete as required. The feeder pillar shall be mounted on suitable brick / cement concrete foundation 30 cms. below ground level and 30 cms. above ground including finishing etc. complete as required. Including providing and fixing following switchgears and accessories, i) MCB double pole 32 Amps, 50Hz of L&T/Havells/Siemens/C&S ii) DOL starter suitable for 2 HP single phase motor including DP Contactor, Thermal overload relay Capacitor 36-40 micro farad ON/OFF push botton complete wiring testing etc as required make L&T, Schneider, KSB/Kirloskar/Crompton/Lubi/CRI.	2	Each	14065.00	28130.00
11	Providing of standby Single phase, 2 HP (1.5KW) submersible pump having head range 40-60 mtr flow range 190-30 LPM, having outlet size-32 mm, suitable for 6"(150 mm) dia bore well, 50 Hz including installation and lowering, testing and commissioning required etc as KSB/Kirloskar/Crompton/Lubi/CRI. make	1	Each	22500.00	22500.00
<b>Total</b>					<b>253,597.00</b>

**Approved/Not approved.**

**Assistant Engineer (Elect.)  
SHQ BSF Berhampore**