

Border Security Force, Sector HQr Jammu

Government of India  
Sector Headquarter B.S.F. Jammu – 181124



**Draft Notice Inviting Tender**

N.I.T. No. : 54/NIT/SHQ-JMU/ 2025-26  
Name of Work : Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.  
Estimated Cost : Rs. 5,98,630/-only  
Earnest Money : Rs. 11,973/-only  
Time allowed : 120 days

Certified that this N.I.T. amounting to Rs. 5,98,630.00 (Rupees Five Lacs Ninety eight thousand Six hundred thirty ) only contains 45 pages only, in chronological order.

**Approved / Not Approved**

AC(Works)/AE(Civil)  
SHQ BSF Jammu

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

A.E (Civil)  
SHQ BSF Jammu



**INDEX FOR e-TENDERING**

**Name of Work: Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu**

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Certified that this Bid document contains 45 pages.

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# Border Security Force, Sector HQr Jammu



## Sector Headquarter B.S.F. Jammu – 181124

### (Engineering Branch)

### Notice Inviting e tender

The AC(Works)/AE(Civil), Sector Headquarter BSF, Jammu on behalf of President of India invites online **Percentage Rate E-Tenders** from approved and eligible Civil contractors of CPWD/ MES/ BSNL/ Railways/ J & K State PWD & its allids for the below mentioned work. :-

S. No.	NIT No. and Name of Work	Estimated Cost (in rupees)	Earnest Money (in rupees)	Time of completion	Last time & date of submission of tender	Time & date of opening of tender
1.	<b>/NIT/SHQ-JMU/ 2025-26</b> <b>Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu</b>	<b>Rs. 5,98,630/-</b>	<b>Rs. 11,973/-</b>	<b>120 Days</b>	<b>** at 1600 hrs</b>	<b>*** at 1600 hrs</b>

The tender forms and other details can be obtained from the web site [www.eprocure.gov.in](http://www.eprocure.gov.in) and [www.bsf.gov.in](http://www.bsf.gov.in) .

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## Border Security Force, Sector HQr Jammu



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

The AC(Works)/AE(Civil), Sector Headquarter BSF, Jammu on behalf of the President of India invites online **Percentage rate** tenders from approved and eligible Civil contractors of CPWD/ MES/ BSNL/ Railways/ J & K State PWD & its allids for the under mentioned work :-

1. NIT No. : **/NIT/SHQ-JMU/ 2025-26**
- Name of work : **Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.**
2. Estimated cost put to tender : **Rs. 5,98,630/-only**
3. Earnest Money : **Rs. 11,973/-only**
4. Period of completion : **30 days**
5. Period of submission/uploading of Eligibility & financial bids : **up to 1600 hrs on \*\***
6. Last date & time of submission of bid, original EMD, copy of receipt for deposition of EMD and other documents specified in tender notice : **up to 1600 hrs on \*\***
7. Time and date of opening of tender : **1600 hrs on \*\*\***

1. 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.
2. Information and instructions for bidders posted on website shall form part of bid document. 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 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) free of cost.
3. The contractor should deposit original EMD in the office of DDO / Engineering officer of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ). receiving the original EMD shall examine the credential/relevant documents and issue the receipt of deposition of earnest money to the agency in the above given format, whose documents will be found valid within the period of submission. The contractor shall obtain the receipt of EMD so deposited from the DDO / Engineering officer in the prescribed format uploaded. The bid document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder but the bid can only be submitted after uploading the mandatory scanned documents such as demand draft/pay order/ bankers cheque/ Fixed deposit receipt/ Deposit at call receipt towards EMD in favour of **DIG, SHQ BSF JAMMU** copy of receipt of original EMD deposition and other documents specified in tender notice.

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4. Those contractors not registered on the website (e-tendering portal) are required to get registered beforehand. If needed they can be imparted training on online tendering process as per the details available on the website. The intending bidder must have **valid class-III digital signature certificate** to submit the bid.
5. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
6. Contractor can upload documents in the form of JPG and PDF format.
7. 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 being suitable to it, if too many bids are received satisfying the laid down criteria.
8. Contractor must ensure to quote rates including all taxes applicable in respect at this contract, Govt will not entertain any claim whatsoever in respect the same. The column meant for quoting rates 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 and 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)

9. **List of documents to be scanned and uploaded within the period of bid submission:-**

- I. Scanned copy of Earnest Money in prescribed form in favour of **DIG, SHQ BSF Jammu.**
- II. Scanned copy of valid Registration Certificate of CPWD and appropriate category of MES, Railways, BSNL & J & K State PWD
- III. Scanned copy of Registration Certificate under GST.
- IV. Scanned copy of PAN card and Aadhar card.
- V. Under taking duly filled by bidder page no.38 Annexure -E
- VI. Experience /Completion certificate in support of execution of similar works for all Contractors also CPWD.
- VII. Contact details of the contractor in his letterhead mentioning following details: Mailing Address, Contact Phone / Mobile No., E-Mail ID.
- VIII. Tenderer have to submit undertaking regarding no any department blacklist her/his agency.
- IX. Singed copy of Integrity Agreement/ Pact (Annexure D of NIT page no 12)
- X. Copy of receipt for deposition of original EMD
- XI. To become eligible for bidding of tender, the tenderer shall have to furnish an affidavit on Rs. 100/- as under:-  
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 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. (Scanned copy to be uploaded at the time of submission of bid)
- XII. I/we have undertake & confirm that all the terms & conditions mentioned in the NIT has been read/understood by me/us and I am submitting my tender as per terms & Conditions mentioned in NIT as well as submit declaration certificate regarding read & understood the General condition of contracts 2023 (Updated)

\*\*\* EMD Receipt will be issued after proper verification of original credential/relevant documents (srl no 9(i) to 9 (xii) by the issuing Authority  
Govt. will not entertain any claim what so ever in R/O the same.

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# Border Security Force, Sector HQr Jammu

SHQ BSF Jammu.



Date of issue of receipt : \_\_\_\_\_

- 1 Name of work** : **Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu**
- 2. NIT No** : **/NIT/SHQ-JMU/ 2025-26**
- 1. Estimated Cost** : **₹ 5,98,630/-**
- 2. Earnest money to be deposited** : **₹ 11,973/-**
- 5. Last date of submission of bid** : **\*\* upto 1600 Hrs**
- 6. Details of earnest money deposited** : \_\_\_\_\_
- 7. Amount deposited.** : ₹ \_\_\_\_\_/-
- 8. Name of contractor** :

Signature, name & designation of EMD receiving officer along with office stamp

## **INFORMATION AND INSTRUCTIONS FOR EXECUTIVE ENGINEER / ASSISTANT ENGINEERS FOR E-TENDERING**

1. Copy of receipt for deposition of original EMD issued from DDO/Engineering officer of any BSF Establishment (i.e. Command HQ /Frontier HQ /Sector HQ/Training /Bn HQ).
2. DDO / Engineering officer of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ). receiving the original EMD shall examine the credential/relevant documents and issue the receipt of deposition of earnest money to the agency in the above given format, whose documents will be found valid.
3. The receiving officer will info & forward original EMD to the respective Executive Engineer/Assistant Engineer calling NIT with letter for his further action.

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**Government of India**  
**Sector Headquarters Jammu Border Security Force Jammu**  
**Notice Inviting e – Tender**

1. The AC(Works)/AE(Civil), Headquarters SHQ BSF, Jammu on behalf of the President of India invites online **percentage rate** E-Tender from approved and eligible contractors of appropriate category and class of CPWD/ MES/ BSNL/ Railways/ J & K State PWD & its allids for the following work:-

**Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu**

The work is estimated to cost **Rs. 5,98,630/-** The estimate, however, is given merely as a rough guide.

- 1.1 Intending tenderer is eligible to submit the bid provided he fulfils the criteria eligibility for quoting the tender.
2. Agreement shall be drawn with the successful tenderer on prescribed form No. CPWD 7 modified/ amended up to the last date of receipt of tender which is available as a Govt. of India publication. Tenderer shall quote his rates as per various terms and conditions of the said form which shall form a part of the agreement.
3. The time allowed to carry out the work will be **90 days** from the date of start as defined in schedule 'F' or from the first date of handing over the site, whichever is later, in accordance with the phasing, if any, indicated in tender documents.
4. The site for the work is available or will be made available one by one building.
5. The tender documents 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 – 2023 modified/ amended up to last date of receipt of tender can be seen from website [www.eprocure.gov.in](http://www.eprocure.gov.in) free of cost.
6. After submission of the bid, the contractor can re-submit revised bid any number of times but before last date and time of submission of tender as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times ( he need not re-enter rates of all items) but before last time and date of submission of tender as notified.
8. When tenders 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 the tender submitted earlier shall become invalid.
9. Earnest money in the form of demand draft or pay order or banker's cheque or deposit at call receipt or fixed deposit drawn in favour of **DIG, SHQ BSF JAMMU** shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited in the in the office of DDO / Engineering officer of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ /Training Centre/ Bn HQ). within the period of bid submission. The EMD receiving officer shall issue a receipt of deposition of earnest money to the bidder in a prescribed format (enclosed) uploaded by tender inviting authority in the NIT after verification of credential/relevant documents of

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the firm. The receipts shall also be uploaded by the intending bidder up to the specified bid submission date and time.

- 9.1 A part of earnest money is acceptable in the form of bank guarantee also. In such cases, 50 % of earnest money or Rs. 20 lakhs, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of bank guarantee of any scheduled bank having validity for **Twelve Months** or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.
- 9.2 Copy of enlistment and other documents as specified in tender notice shall be scanned and uploaded to the e-tendering website within the period of bid submission.
- 9.3 Online bid documents submitted by intending bidders shall be opened only of those bidders, who have deposited earnest money and other documents scanned and uploaded are found in order.
- 9.4 The bid submitted shall be opened at **1600 hrs. On \*\*\***

**10. (A).**The bid shall become invalid if :-

- i) The bidder is found ineligible.
- ii) The bidder has not deposited original EMD to DDO / Engineering officer of any BSF Establishment (i.e. Command HQ / Frontier HQ / Sector HQ / Training Centre/ Bn HQ) as specified in para 9.
- iii) The bidder does not upload all the documents as stipulated in bid documents including the copy of receipt for deposition of original EMD.
- iv) 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 tenderer in the office of tender inviting authority.
- v) 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 invalid and will not be considered as lowest tenderer.

Online bid documents submitted by intending bidders shall be opened only of those tenderer, who have uploaded the scanned copies of the required documents and submitted required documents in hard copy i/c Earnest Money, in the office of the Executive Engineer (Civil) before the due date and time and if these documents are found in order.

11. 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'. The guarantee shall be in the form of Deposit at call receipt/ fixed deposit receipt/ Pay order/ Demand draft/ Banker's cheque. 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 the receipt of aforesaid performance guarantee.

12. Intending firm/ agencies are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, 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 tender. A firm/ agency 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 firm/ agency shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity access, facilities for workers and all other services required for execution of work unless otherwise specifically provided for in the

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contract documents. Submission of a tender by a firm/ agency 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 store, 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 work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders 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 firm/ agency shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with firm/ agency is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of the President of India reserves to himself the right of accepting the whole or any part of the tender and the firm/ agency shall be bound to perform the same at the rate quoted.
16. The agency shall not be permitted to tender for works in **Frontier HQ BSF Jammu** and its Sectors or Battalion Headquarters/ Other Headquarter or BOPs responsible for award and execution of contracts, in which his near relative is posted as Senior Accountant or 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 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 work shall remain open for acceptance for a period of **75 days** from the date of opening of financial bid. If any bidder 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 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 bidder shall not be allowed to participate in the re-bidding process of the work.
19. This notice inviting tender shall form a part of the contract document. The successful firm/ agency, on acceptance of his tender by the Accepting Authority shall within **15 days** from the date of award of work sign the contract consisting of :-
  - a) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

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## Border Security Force, Sector HQr Jammu

b) Standard CPWD form 8 amended/ modified up to last date of receipt of tender.

20. In case of any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online then the bid submitted shall become invalid and 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 firm/ agency shall not be allowed to participate in the re-tendering process of the work.

### **21. List of documents to be scanned and uploaded within the period of bid submission:-**

- I. Scanned copy of Earnest Money in prescribed form in favour of **DIG, SHQ BSF Jammu.**
- II. Scanned copy of valid Registration Certificate of CPWD and appropriate category of MES, Railways, BSNL & J & K State PWD
- III. Scanned copy of Registration Certificate under GST.
- IV. Scanned copy of PAN card and Aadhar card.
- V. Under taking duly filled by bidder page no.35 Annexure -E
- VI. Experience /Completion certificate in support of execution of similar works for all Contractors also CPWD.
- VII. Contact details of the contractor in his letterhead mentioning following details: Mailing Address, Contact Phone / Mobile No., E-Mail ID.
- VIII. Tenderer have to submit undertaking regarding no any department blacklist her/his agency.
- IX. Singed copy of Integrity Agreement/ Pact (Annexure D of NIT page no 12)
- X. Copy of receipt for deposition of original EMD
- XI. To become eligible for bidding of tender, the tenderer shall have to furnish an affidavit on Rs. 100/- as under:-  
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 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. (Scanned copy to be uploaded at the time of submission of bid)
- XII. I/we have undertake & confirm that all the terms & conditions mentioned in the NIT has been read/understood by me/us and I am submitting my tender as per terms & Conditions mentioned in NIT as well as submit declaration certificate regarding read & understood the General condition of contracts 2023 (Updated)

\*\*\* EMD Receipt will be issued after proper verification of original credential/relevant documents (srl. no 9(i) to 9 (xii) by the issuing Authority

Govt. will not entertain any claim what so ever in R/O the same.

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## Border Security Force, Sector HQr Jammu



### INTEGRITY PACT

To

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Subject: - NIT No. /NIT/SHQ-JMU/2025-26 the work “**Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.**”

Dear Sir,

It is hereby declared that Border Security Force 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 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 Border Security Force.

Yours faithfully,

AC(Works)/AE(Civil)  
SHQ BSF Jammu.

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## Border Security Force, Sector HQr Jammu



### ANNEXURE-D

To

AC(Works)/AE(Civil)  
SHQ BSF Jammu

Sub :-**Submission of tender for the work of “Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.”**

Dear Sir,

I / We acknowledge that Border Security Force 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 Border Security Force. I/ We acknowledge and accept the duration of 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, Border Security Force shall have unqualified, absolute and unfettered right to disqualify the tender/ bidder and reject the tender/ bid in accordance with terms and conditions of the tender/ bid.

Yours faithfully,

Signatures of Contractor  
with seal and address

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# Border Security Force, Sector HQr Jammu

(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 Jammu on this \_\_\_\_\_ of 2025

### **BETWEEN**

President of India represented through AC(Works)/AE(Civil) Frontier HQ BSF Jammu { hereinafter referred as the Principal/ Owner (on behalf of Inspector General. BSF Jammu Frontier HQ BSF, Jammu), which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns }  
}

### **AND**

through

\_\_\_\_\_ (hereinafter referred to as the 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. **/NIT/SHQ-JMU/2025-26** (hereinafter referred as 'Tender/ Bid') and intends to award under laid down organizational procedure, contract **"Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu."**

Here in after referred to as "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 the Bidder(s) and Contractors(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, thereof, 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**

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- 1) The Principal/ Owner commit itself to take all measures necessary to prevent corruption and to observe the following principals:
  - 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 immediate benefit which the person is not legally entitles 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 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 tender process and throughout the negotiation or award of a contract.
- 2) The Bidder(s) / Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during the participation in the Tender process 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 cartelise 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)/ Contractors(s) of Indian nationality shall

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
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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 the tender but not both. Further, in cases where an agent participates 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 (with each tender ) 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 by an accessory of 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 detriment of the Government interests.
- 5) The Bidder(s) / Contractor(s) will not, directly or through any 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 the 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 form, such as to put his reliability or credibility in question, the Principal / Owner after giving 14 days' notice to the contractor shall have the 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 Indian Penal Code (IPC)/ Prevention of Corruption Act, or if the

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

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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 from banning of business dealings / holding 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 his own discretion, revoke the exclusion prematurely.

### **Article 5 : Equal Treatment of all Bidders/ Contractors/ Sub contractors**

- 1) The Bidder(s) / Contractors(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 Sub-contractors / Sub- vendors.
- 2) The Principal / Owner will enter into Pacts or 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 Jammu
- 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 holding power of attorney signed by all partners and the consortium members. In case of a company, the Pact must be signed by a representative duly authorized by board resolution.

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

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- 4) Should one or several provisions of this Pact turn out to be invalid; the reminder of the 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 Owner/ Principal in accordance with this Integrity Agreement / Pact or interpretation there of 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 / Contract 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)

3. Place:

4. Date:

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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**SHQ BSF Jammu**



**GOVERNMENT OF INDIA**  
**SECTOR HEADQUARTER B.S.F. JAMMU – 181124**  
**PERCENTAGE RATE TENDER & CONTRACT FOR WORKS**

Tender for the work of **“Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.”**

- i) E-Tenders bid to be submitted through CPP portal upto **1600 hrs on \*\***
- ii) E-tenders to be opened at **1600 hrs. on \*\*\*** in the office of AC(Works)/AE(Civil), Frontier Headquarter BSF Jammu or office of AC(Works), SHQ BSF Jammu by the Board of officers to be detailed by Competent Authority.

**TENDER**

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 documents for the work.

I / We 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 the 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 Days) 75 days** from the date of opening of financial bid and not to make any modification in its terms and conditions.

A sum of **Rs.11,973/-** is hereby forwarded in Demand Draft or Pay Order or Banker’s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt of a scheduled bank as earnest money. If I / We fail to furnish the prescribed performance guarantee within prescribed period, I / We agree that 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 performance guarantee absolutely. The said performance guarantee shall be

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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guarantee to execute all the works referred to those in excess of that limit at the rates to be determined in accordance with the provisions contained in Clause 12.2 and 12.3 of the tender form. Further I/ We agree that in case of forfeiture of earnest money or performance guarantee as aforesaid, I / We shall be debarred for participation in the retendering process of the work.

I/ We undertake and confirm that eligible similar work(s) has / have not been executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of the 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 / 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 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 : \_\_\_\_\_

\_\_\_\_\_  
Signatures of Contractor with postal address

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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**ACCEPTENCE**

The above tender (as modified vide letters mentioned here under) is accepted by me for and on behalf of the President of India for a sum of Rs. \_\_\_\_\_/-

( Rupees \_\_\_\_\_ ) only.

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

i)

ii)

iii)

iv)

For and on behalf of the President of India

Dated : \_\_\_\_\_.

Asst. Commandant (Works).  
SHQ BSF Jammu.

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

A.E (Civil)  
SHQ BSF Jammu

# Border Security Force, Sector HQr Jammu



## **ANNEXURE - 38** **(Refer SOP No. 5/30)**

### **GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS**

The Agreement made this ..... day of ..... two thousand and ..... between ..... son of ..... of (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called Government of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract) dated and made between the GUARANTOR of the one part and the Government of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.

AND WHEREAS GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for five years from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be five years to be reckoned from the date after the CONSTRUCTION period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

- a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof;
- b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts;
- c) The decision of the Engineer-in-Charge with regard to cause of leakage shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render the building water-proof to the satisfaction of the Engineer-in-Charge at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-Charge calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the GUARANTOR'S cost and risk. The decision of the Engineer-in-Charge as to the cost, payable by the Guarantor shall be final and binding.

That if GUARANTOR fails to execute the water proofing or commits breach thereunder then the GUARANTOR will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor.....and by..... and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

Signed, sealed and delivered by OBLIGOR in the presence of-1.

2.Signed for and on behalf of THE PRESIDENT OF INDIA by ..... in the presence of 1.

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
**SHQ BSF Jammu**

# Border Security Force, Sector HQr Jammu



## SCHEDULES

### **SCHEDULE 'A'**

Schedule of quantities (Enclosed)

As per schedule of work attached (page 37).

### **SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
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NIL

### **SCHEDULE 'C'**

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
-------	-------------	----------------------	----------------

NIL

### **SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if any

: As per additional conditions & specification attached

### **SCHEDULE 'E'**

Reference to General Conditions of contract

: General conditions of contract for CPWD works - 2023 With amendment issued up to date of call of tender

Name of Work

: **Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu**

(i) Estimated cost of work

: **Rs. 5,98,630/-**

(ii) Earnest Money

: **Rs. 11,973/- (To be returned after receiving performance guarantee)**

(iii) Performance Guarantee

: 5% of tendered value

(iv) Security Deposit

: 2.5% on Each Bill till Tender Amount

### **SCHEDULE 'F'**

#### **General Rules & Directions**

Officer inviting tender : AC(Works)/AE(Civil), Frontier Headquarter BSF,

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

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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:

2(v) Engineer-in-Charge : AC(Works)/AE(Civil), Sector Headquarter BSF, Jammu  
 2(viii) Accepting Authority : AC(Works)/AE(Civil), Sector Headquarter BSF, Jammu  
 2(x) Percentage on cost of materials and labour to cover all overheads and profits : 15%  
 2(xi) Standard Schedule of Rates : Delhi Schedule of rates – 2023  
 2(xii) Department : Border Security Force  
 9(ii) Standard CPWD : CPWD form – 7 as modified and corrected up to date of call of tender  
 Contract Form

**Clause 1**

(i) Time allowed for submission of Performance Guarantee : 7 days  
 (ii) Maximum allowable extension With late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above (1 to 15 days) : 7 days

**Clause 2**

Authority for fixing compensation under clause : Superintending Engineer/Comdt. (works)

**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

**Milestone(s) :-**

S.No.	Description of Milestone (Physical Progress)	Time allowed (From date of start)	Amount to be with-held in case of non- achievement of milestone
1.	1/8 <sup>th</sup> (of whole work)	1/8 <sup>th</sup> (of whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tendered value of work will be withheld for failure of each milestone
2.	3/8 <sup>th</sup> (of whole work)	3/8 <sup>th</sup> (of whole work)	
3.	3/4 <sup>th</sup> (of whole work)	3/4 <sup>th</sup> (of whole work)	
4.	Full	Full	

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

A.E (Civil)  
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Time allowed for execution of work : **30 days**  
 Authority to decide :  
 (i) Extension of time : AC(Works)/AE(Civil), Sector Headquarter BSF, Jammu  
 (ii) Rescheduling of mile stones : Commandant Works / SE, HQ SDG (WC) CHD BSF

**Clause 6** : Clause 6 (CMB)

**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 : 20% of tender amount

**Clause 8A**  
 Authority to decide compensation on account if contractor fails to submit completion plans : Commandant (Works)

**Clause 10A**  
 List of testing equipment to be provided by the contractor at site lab : Not Applicable

**Clause 10B (ii)**  
 Whether Clause 10 B (ii) shall be applicable : No

**Clause 10C**  
 Component of labour expressed as percent of value of work : 25 %

**Clause 10CA** : Not applicable  
 Material covered under this clause

**Clause 10CC**  
 Clause 10 CC to be applicable in contracts with stipulated Period of completion exceeding the period shown in next column : Not applicable

**Clause 11**  
 Specifications to be followed : CPWD specification 2019 Vol-I&II for Civil work for execution of work as amended up to date of receipt of tender

**Clause 12** : **Type of work – Repair and maintenance**  
12.2. & 12.3

Deviation Limit beyond which Clauses shall apply for building : For all construction/renovation work  
**NO LIMIT**

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

A.E (Civil)  
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work

### 12.5

Deviation Limit beyond which : For all construction/renovation work  
clauses 12.2 & 12.3 shall apply **NO LIMIT**  
for foundation work

### **Clause 16**

Competent Authority for : Superintending Engineer/Comdt.(works)  
deciding reduced rates

List of mandatory machinery, : All tools & plants as required to carry out the Civil  
tools & plants to be deployed by work  
the contractor at site

Sub-standard work must be got rectified and if necessary, may be redone. Acceptance of sub-standard work at reduced rate should be done only under exceptional circumstances. Total value of items of agreement rate for which the Superintending Engineer accepts sub- standard work in a contract shall not exceed 5% of the Contract value. In case, total value of such items exceeds 5%, prior approval of FHQ (Engg Dte), BSF, New Delhi will be necessary.

### **Clause 18**

List of mandatory machinery, tools & plants to be deployed by the contra

1 ..... 2 ..... 3.....(To be filled by Engineer-in-charge)  
4 ..... 5 ..... 6.....(To be filled by Engineer-in-charge)  
7 ..... 8 ..... 9.....(To be filled by Engineer-in-charge)

**Clause 19C** – Engineer-in-charge to decide penalty for each default.

**Clause 19D** – Engineer-in-charge to decide penalty for each default .

**Clause 19G** – Engineer-in-charge to decide penalty for each default .

**Clause 19K** –Engineer-in-charge to decide penalty for each default .

### **Clause 19L**

: The ESI & EPF contribution on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of employer paid by the contractor shall be included In the rates quoted by the bidder.

### **Clause 25**

**Constitution of Dispute Redressal Committee (DRC) for total claims more than ₹ 25 Lakh:**

1. Chairman – IG of some other Ftr.
2. Member – Concerned DIG

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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3. Member- Any nominated officer by Ftr IG
4. Member- Concerned EE (Only to present the case).

### Constitution of Dispute Redressal Committee (DRC) for total claims upto ₹25 Lakh:

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

### SDG/ADG of Command HQrs and Ftr IG is competent to appoint DRC in both cases.

**Clause 30** : water charges will be recovered from each running and final bill, if provided by department.

**Clause 32**  
Requirement of Technical Representative(s) and recovery Rate

S N .	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 36(i)	
						Figures	Words
1	Graduate Engineer Or Diploma Engineer	Civil	Graduate Engineer Or Diploma Engineer	2-years or 5 years Respectively	One	Rs15000/- PM	Rupees Fifteen thousand per month each

**Asstt. Engineer retire from Govt services that are holding Diploma will be treated at par with Graduate Engineer**

- Clause 38(a)** Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rate **2023** printed by C.P.W.D. With correction slips :As per additional specifications attached with NIT
- (ii) Variations permissible on theoretical quantities
- (a) Cement
- For works with estimated cost put To tender not more than Rs.25 lakh. 3% plus/minus.
- For works with estimated cost put to Tender more than Rs.25 lakh. 3% plus /minus.
- (b) Bitumen All Works 2.5% plus only & nil on minus side.
- (C) Steel Reinforcement and structural steel Sections for each diameter, section and category 2% plus/minus
- (d) All other materials. Nil

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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### Additional Terms and conditions

- 1) The work shall be carried as per CPWD specifications amended up to date, date as per additional specifications and conditions for this work.
- 2) The contractor is advised to visit the site before quoting for this tender to apprise himself about the site environments and other conditions.
- 3) No T & P shall be issued to the contractor by the department for execution of work.
- 4) No accommodation facilities shall be provided to the staff engaged by the contractor in the work premises by the Department.
- 5) Minimum rates of wages are as per circular issued by the office of the Chief Labour Commissioner Jammu. Accordingly, contractor / firm have to pay minimum rate of wages fixed by the Govt. of Jammu during the period of execution to all the labour employed.
- 6) No person / staff / labour shall be engaged for more than 26 days in a month. Number of staff to be engaged by the contractor for execution of work shall be as per site requirement, schedule of work and CPWD Manual. No claim for further employment of staff engaged by the contractor shall be entertained by the department i.e. BSF.
- 7) Any damage done to the man, machine and building during the execution of work shall be the responsibility of the contractor and same will have to be made good promptly by the contractor at his own cost to the entire satisfaction of the Engineer-in-Charge.
- 8) Contractor shall make his own arrangement for water & electricity and T& P required for the work.
- 9) Contractor shall have to make his own arrangement for storage place and their safety.
- 10) Watch & ward for the materials, shall be responsibility of the contractor till the installations are finally taken over by the department. Nothing shall be payable on this account separately as this is deemed to be included within scope of work.
- 11) All materials should be got approved from the Engineer-in-charge before use in work.
- 12) It will be the responsibility of the contractor to ensure the use of genuine materials in work. The department reserves the right to get any or all materials inspected by the manufacture or their authorized representatives at any stage of execution of the work or tested from any laboratory.
- 13) Where manufacturers furnishes specific instruction/recommendations relating to the materials/equipment used in the work and / or their installation, covering points not specifically mentioned in this documents, this instruction shall be followed in all cases.
- 14) Contractor or his authorized representative is bound to sign the site order book as and when required by the Engineer-in-Charge.
- 15) Some restrictions may be imposed by Security staff regarding working and movement of workers. The contractor and his staff are bound to follow the same.
- 16) The contractor agrees that he shall, all the times indemnify BSF against all the claims for compensation under the provisions of any law for the time being during the currency of this contract in respect of any person employed by him in carrying out the contract. Further such staff shall not have any right or claim for employment in BSF.

AC(Works)/AE(Civil)  
SHQ BSF Jammu.

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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### **PARTICULARS SPECIFICATION AND SPECIAL CONDITIONS (CIVIL):-**

- 1.1 In case there is any discrepancy between English Version and corresponding Hindi Version wherever provided, then the provisions of English Version will prevail.
- 1.2 Wherever reference to any Indian Standard Specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.
- 1.3 The contractor shall work according to the programme of work as approved by the Engineer-in-charge, for which purpose, the contractor shall submit a tentative programme of the work within 15 days from the stipulated date of start of the work.
- 1.4 The Contractor will have to work according to the programme of work decided by the Engineer-in-charge. Wherever desired by Engineer-in-charge the contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge & this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim whatsoever beyond the payment due at agreement rates will be entertained from the contractor on this account.
- 1.5 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls are to be constructed.
- 1.6 If as per Municipal/BSF/Client Department rules, the huts for laborers are not to be erected at the site of work by the contractors, the contractors shall provide such accommodation at such locations as are acceptable to local bodies, for which nothing shall be payable.
- 1.7 Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing shall be payable to him on this account. However, payment for centering, shuttering, if required to be done for heights greater than 3.5m, shall be admissible at rates arrived at, in accordance with clause 12 of the agreement, if not already specified otherwise.
- 1.8 The working drawings appearing in conditions of contract, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.9 Samples for particular items of work shall be prepared, for prior approval of the Engineer-in-charge before taking up the same on mass scale and nothing shall be payable on this account.
- 1.10 The contractor shall use material as specified in the schedule of quantity and that given in the list of approved materials given in the tender documents. For other materials if ISI marked products are available, the contractor shall use only ISI marked products. In other cases, the materials shall conform to CPWD specifications. In case a materials/product is neither covered by ISI nor by CPWD specification, the work shall be carried out as per sound engineering practice, in which case the decisions of the Engineer-in-charge shall be final & binding.
- 1.11 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction / instructions including issue of identity cards to all persons authorized by him to do work / visit the work site and nothing extra shall be payable on this account.

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1.12 Unless otherwise specified all materials (e.g. stone and other valuable material) obtained in the work of dismantling, excavation etc. shall be considered Government's property and shall be neatly stacked at site & in the manner as decide by the Engineer-in- charge.

1.13 The contractor shall make his own arrangements for obtaining electric connections, if required, and make necessary payments directly to the department concerned.

1.14 Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc. For laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co- operation to them without any claim on this account.

1.15 Cast iron pipes and fittings without ear shall be used. However, pipes and fittings with ears may be accepted without any extra payment. In such cases, clamps are not required and no extra payment shall be made for fixing the pipes in a different manner.

1.16 Any cement slurry added over base surface for bond or for continuation of concreting, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.

1.17.1 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required shall have to be done by the contractor at his own cost.

1.18 No claim for idle establishment & labour, machinery & equipment, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.

1.19.(a) The building work will be carried out in the manner complying in all respect with the requirements of relevant bylaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.

(b) The work of water supply, internal sanitary installations and the drainage work etc. may required to be carried out as per local Municipal Corporation or such local body-Bylaws and the contractor in such cases shall produce necessary completion certificate from such authorities after completion of the work.

(c) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories wherever required should conform to by-laws and specifications of the municipal body/corporation where CPWD specifications are not applicable. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal body/Corporation authorities wherever required at his own cost.

(d) The contractor shall comply proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.

1.20 The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.

1.21 The work pertaining to the items of internal finishing should be started consultation and with prior approval of Engineer-in-Charge as soon as the structure of two floors is completed.

1.22 All materials equivalent to the one specified should be got approved by the Engineer-in- charge before using the said materials in the work.

1.23. Any damage to work resulting from weathering conditions, defacing or from any other cause such as negligent act on the part of contractor, until the work is taken over by the Department after completion of work, shall be made good by the contractor, at his own cost.

1.24 The tendered rates are inclusive all taxes, cess and levies etc. payable under the respective statutes.

1.25 The intending tenderers are requested to go through architectural drawings mentioned in this document. These drawings are available in the O/O Engineer-in-charge. The architectural drawings show the type of building to be constructed, stories and other architectural features. No claim whatsoever shall be entertained for the same and also for lack of information on this account, which the tenderer is expected to have.

### 1.26 TESTING OF MATERIALS

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(a) Samples of various materials required for testing shall be provided free of charge by the contractor. Testing charges, if any, shall be borne by the department provided the sample passes the test, otherwise it shall be borne by the contractor. All other expenditures required to be incurred for taking the samples; conveyance, packing etc. shall be borne by the contractor himself.

(b) The contractor shall produce all the materials in advance so that there is sufficient time for testing and approving of the materials and clearance before use in work.

(c) With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes falling short of the prescribed standards by over 10% to 20% and pending testing of balance 3 cubes for 28 days as final confirmatory acceptance tests, crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag.

(d) In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out crushing strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage upto the laboratory where the test is to be performed. The cube test can be performed at any laboratory approved by the Engineer-in-charge.

### GENERAL

2.1) The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).

2.2 All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries at .....\*.....or any other source to be got approved from the Engineer-in-charge.

2.3) Sand to be used for cement concrete work, mortar for masonry and plaster Work shall be of standard quality and shall be obtained from .....\*.....or any other source to be got approved from the Engineer-in-charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.

2.4) Unless otherwise specified in the schedule of quantities, the rate of all items of the work shall be considered as inclusive of pumping out or bailing out water, if required, for which no extra payment will be made. This will include water encountered from any source, such as rains, Floods, sub-soil water table being high or due to any other cause whatsoever.

2.5) All the materials required to be tested shall be tested as per provisions of the relevant I.S. Codes. Should there be any difference between acceptances CRITERIA given in I.S. Codes, C.P.W.D. specifications and special conditions, the acceptance CRITERIA shall be in the following order of precedence:

1. Special conditions
2. C.P.W.D. Specifications
3. I.S. Codes

2.6) All the materials obtained from Govt. Stores or otherwise shall be got checked by the

Junior Engineer-in-charge of the work on receipt of the same at site before use.

2.7) Royalty at the prevalent rates shall have to be paid by the contractor on all the building metals, shingle, sand and bajari etc. collected by him for the execution of the work, directly to the Revenue authority or authorised agent of the state Govt. concerned or Central Govt.

2.8) The contractor shall construct separate stores for storage of OPC & PPC at site in the manner as described under para 3.3 and the contractor will not claim any thing extra on this account.

2.9) Separate cement registers showing the receipt and issue of the OPC and PPC shall be maintained at site.

### 3.0 CONDITION FOR CEMENT:-

3.1 The Contractor shall procure 43 grade Ordinary Portland cement (conforming to IS : 8112) or Portland slag cement (conforming to IS : 455) or Portland Pozzolana Cement (PPC) (Fly ash based) – conforming to IS : 1489 (Part-I) as required in the work, from reputed manufactures of cement, having a production capacity of one million tonnes or more, such as ACC, Ultra Tech, JP REWA, Vikram, Shri Cement, Birla Jute, Prism, Ambuja, Dalmia, Star and Cement corporation of India etc. i.e.

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3.1 agencies approved by Ministry of Industry, Government of India, and holding license to use ISI certification mark for their product. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacture(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufactures, given by the tenderer, fully or partially. Supply of cement shall be taken in 50 Kg bags bearing manufacture's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got issue in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by the Contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the Contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so.

If Portland Pozzolana cement or Portland slag cement is used, suitable modification in de-shuttering time etc. shall be done if need be as per specifications and standards and as directed by Engineer-in-charge and nothing extra shall be payable on this account.

No extra payment/deduction shall be made from the payment to the contractor for using any of the above type of cement.

3.2 The cement shall be brought at site in bulk supply of approximately 50 tons or as decided by the Engineer - in - charge.

3.3 For each grade/type, cement bags shall be stored in two separate godown, one for tested cement and the other for fresh cement (under testing) constructed by the contractor at his own cost as per sketch shown in General conditions of contract for CPWD 2023 with weather proof roofs and walls. The size of the cement godown is indicated in the sketch for guidance only. The actual size of godown shall be as per site requirements and as per the direction of the Engineer in charge and nothing extra shall be paid for the same. The decision of the Engineer-in-charge regarding the capacity required/needed will be final. However, the capacity of each godown shall not be less than 100 tons. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with BSF Engineer-in- charge or his authorized person and that of other lock with the authorized agent of the contractor at the site of work so that the cement is issued from godown according to the daily requirement with the knowledge of both the parties. The account of daily receipt and issue of cement shall be maintained in a register in the prescribed Proforma and signed daily by the contractor or his authorized agent in token of its correctness.

3.4 The cement shall be got tested by Engineer -in -charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor / Department in the manner indicated below:-

(a) By the contractor, if the results show that the cement does not conform to relevant BIS codes.

(b) Department, if the results show that the cement conforms to relevant BIS codes.

3.4.1 All other charges of sampling, packing and transportation of sample shall also be borne by the contractors.

3.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained separately for each type of cement, as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause 42 of the contract and shall be governed by conditions laid therein. However, for consumption lesser beyond permissible theoretical variation recovery shall be made in accordance with conditions of contract at Schedule A to F (CPWD-8/7), without prejudice to action for acceptance of work/item at reduced rate or rejection as the case may be.

3.6 For non-schedule items, the decision of the Superintending Engineer regarding theoretical quantity of cement, which should have been actually used, shall be final and binding on the contractor.

3.7 Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.

### **4.4 DESIGN MIX CONCRETE**

4.4.1 The RCC work shall be done with Design Mix Concrete unless otherwise specified. In the nomenclature of items wherever letter M has been indicated, the same shall imply for the Design Mix Concrete. For the

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nominal mix in RCC, CPWD Specifications shall be followed. The Design Mix Concrete will be designed based on the principles given in IS: 456-2000. The contractor shall design mixes for each grade of concrete indicating that the concrete ingredients and proportions will result in concrete mix meeting requirements specified. In case of use of admixture and or white cement, the mix shall be designed with these ingredients as well. The specification mentioned here-in-below shall be followed for Design Mix Concrete.

4.4.2 The concrete mix design will be carried out by the contractor through laboratories / Test houses with prior approval of the Engg-in-charge and ready mix concrete shall conform to accepted design mix.

4.4.3 In the event of all the above laboratories being unable to carry out the requisite design / testing the contractor shall have to get the same done from any other laboratory with prior approval of the Engineer-in-charge.

4.4.4 The contractor shall submit the mix design report from any of above approved laboratories for approval of Engineer-in-charge within 45 days from the date of issue of letter of acceptance of the tender. No concreting shall be done until the mix design is approved.

In case of white Portland cement and the likely use of admixtures where CC/RCC is done with concrete pumps in concrete with ordinary Portland/white Portland cement, the contractor shall design and test the concrete mix by using trial mixes with white cement and/or admixtures also, for which nothing extra shall be payable.

In case of change of source or characteristic properties of the ingredients used in the concrete mix during the work, a revised laboratory mix design report conducted at laboratory established at site shall be submitted by the contractor as per the direction of the Engineer-in- Charge.

The Mix shall be designed to produce the grade of concrete having required workability and characteristic strength not less than as specified.

The mix design for a specified grade of concrete shall be done for a target mean compressive strength  $T_{ck} = F_{ck} + 1.65 s$

Where,

$F_{ck}$  = Characteristic compressive strength at 28 days.  $S$  = Standard deviation

The standard deviation for each grade of concrete shall be calculated separately.

The degree of quality control for this work is "Good" for which the standard deviation (s) obtained for different grades of concrete shall be as follows:-

Grade of Concrete	For "Good" quality of control
M 20	4.0
M 25	4.0
M 30	5.0
M 35	5.0

Out of the six specimen of each set, three shall be tested at seven days and remaining three at 28 days. The preliminary tests at seven days are intended only to indicate the strength to be attained at 28 days. All cost of mix designing and testing connected therewith including charges payable to laboratory shall be borne by the Contractor.

4.4.5 The samples of cement, aggregate (fine & coarse) to be sent to the laboratories shall be sealed in the presence of the Engineer in charge and shall have his signature and cost of packaging, sealing, transportation, loading, unloading, cost of samples and the testing charges for Mix design in all cases shall be borne by the contractor.

4.4.6 Notwithstanding the approval granted by engineer-in-charge in aforesaid manner, the contractor shall be fully responsible for quality of concrete including input control, transportation and placement etc.

4.4.7 The Engineer-in-charge reserves the right to exercise control over the : ingredients, water and admixtures, purchased, stored and to be used in the concrete including conducting of tests for checking quality of Materials fit or unfit for use in production of mix.

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4.4.8 The Contractor shall submit the test data of the material used for concrete mix-design in the laboratories, so the material being used at site be compared with those data / size etc.

4.4.9 In case of change of parameters of ingredients (sand, cement, coarse aggregate) fresh concrete mix-design to be done as mentioned in para 13.3.2 above and got approved from the Engineer-in-charge before execution.

4.4.10 The contractor shall make arrangement to install a mini laboratory at site for accelerated testing of design mix concrete as per IS : 9473. The department reserves right to take samples of design mix concrete from the mass production of the concrete for testing and compare with the laboratory's results.

4.4.11 Nothing shall be paid extra for installation and cost of batching plant and other arrangement for making necessary test of design mix concrete. A fully automatic concreting batching and mixing plant of minimum 15 cum/ hrs.capacity for production of concrete shall be installed at the site by contractor.

4.4.12 The item of design mix cement concrete shall be inclusive of all the ingredients including admixtures if required, labour, machinery T & P etc. (except shuttering which will be measured & paid for separately) required for a design mix concrete of required strength and workability. The rate quoted by the agency shall be net & nothing extra shall be payable on account of change in quantities of concrete ingredients like cement and aggregates and admixtures etc. as per the approved mix design. Cost adjustment at the rate of Rs. 650/- per quintal shall be made for less use of cement in design mix than specified in the item.

4.4.13 Concrete shall be handled from the place of mixing to the place of final deposit / placement by methods, which prevent segregation, or loss of any ingredients and contamination.

4.4.14 Where concrete is conveyed by chutes, the chute shall be made of metal or fitted with metal lining. The approval of the Engineer-in-charge shall be obtained for the use of chutes in excess of 3 metres length and in such cases the concrete shall be remixed if so required by the Engineer-in-charge or closed bottom buckets shall be used. If concrete is placed by pumping, the conduit shall be primed properly. Once pumping is started, it shall not be interrupted as far as possible. Concrete shall not be dropped into place from a height more than 1.5m.

4.4.15 Concreting of any portion of the work shall be done in presence of the representative of the Engineer-in-charge and shall be done only after approval of the Engineer-in-charge.

4.4.16 Concreting shall be carried out continuously between constructions joints shown on the drawings or as agreed by the Engineer-in-charge. The contractor shall closely follow the sequence of concreting where it is specified in the drawings. If concreting is interrupted before reaching the predetermined joint an approved construction joint shall be provided. Construction joints shall be minimized as far as possible. These shall be set at right angles to the general direction of the member. The surface film of the first places concrete should preferably be removed while the concrete is still green to expose the aggregate and leave a sound irregular surface. However care shall be taken not to disturb the concrete already laid.

4.4.17 Admixtures: - Wherever required, admixtures of approved quality shall be mixed with concrete as specified. The admixtures shall conform to IS: 9103. The chloride content in the admixture shall satisfy the requirements of BS: 5075. The total amount of chlorides in the admixture mixed concrete shall also satisfy the requirements of IS 456-2000

4.4.18 Use of ready mixed concrete (RMC) may also be permitted, with prior approval of Engineer –in – charge, without any extra payment, separate account of design mix concrete and RMC shall however be kept. The ready mixed concrete shall conform to the requirement of durability, workability and strength laid down for design mix concrete.

### 5.0 STEEL WORK

5.1 The rate of T/L iron frame shall include the cost of materials &labour of the following.

(a) M.S. tie of 10 mm dia. bar shall be welded to M.S. frames at the bottom to keep the frames in correct position. The tie shall be embedded in floor concrete. No tie shall be necessary for window frames.

(b) M.S. frame for doors shall have 4 Nos. M.S. lugs 15 x 3 mm. 10 cm long, welded to each vertical member of the frame.

(c) The M.S. plate cramps 15 x 6 mm thick for holding arrangements shall be provided and welded as per site conditions.

5.2 Steel windows/ventilators to be provided in the work shall be from ISI approved manufacturers.

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### LIST OF APPROVED MATERIALS & SPECIALIZED AGENCIES (CIVIL)

Note :

1. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material or engaging any of the specialized agencies.
2. Wherever applicable, the Engineer-in-charge may approve any material equivalent to that specified in the tender subject to proof being offered by the Contractor for equivalence to his satisfaction.
3. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work.
4. In case of non-availability of the brand specified in the contract or ISI marked materials, the Contractor shall be allowed to use alternate equivalent brand of the material subject to submission of

SI No.	Materials	Approved product/make by the Committee for future NIT under this Zone
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documentary evidence of non-availability of the specified brand. Necessary cost adjustments on account of above change shall be made for the material, if required.

1	CEMENT (OPC/PPC)	ULTRATECH CEMENT, AMBUJA CEMENT, ACC CEMENT, JK CEMENT, JK LAKSHMI CEMENT, SHREE CEMENT, BANGUR CEMENT
2	STRUCTURAL STEEL SECTIONS AND REINFORCEMENT	TATA, SAIL, RINL, JINDAL STEEL & POWER LTD., JSW STEEL LTD., VIZAG STEEL, APPOLO STEEL, ARSENAL STEELS
3	DAMP PROOF MATERIAL	DR. FIXIT, FOSROC, BASF, IMPERMO, CICO
4	POLY SULPHIDE SEALANT	DR. FIXIT, FOSROC, BASF, DOW CORNING, TUFFSHEAL, CHOKSEY, CICO.
5	ADMIXTURES	FOSROC, SIKKA, DR. FIXIT, BASF, CICO
6	WHITE CEMENT	J.K. WHITE, BIRLA WHITE, BURGER CEMENT, ASIAN PAINT CEMENT
7	WATER PROOFING COMPOUND	DR. FIXIT, FOSROC, CICO, ACCOPROOF, TAPECRETE.
8	BITUMEN	INDIAN OIL, HINDUSTAN PETROLEUM, BHARAT PETROLEUM.
9	INJECTION GROUTING	DR. FIXIT, FOSROC, BASF, CICO.
10	LOCKS/ LATCH	GODREJ, HARRISON, YALE, LINK.
11	LAMINATES	GREEN, CENRURY, MERINO
12	SS WIRE MESH	STERLING ENTERPRISES, TRIMURTY WELDED, SPC (SELECTED PRODUCTS CO).
13	PRELAMINATED PARTICLE BOARD	NOVOPAN, KITLAM, ARCHID, PLY, NATIONAL
14	ADHESIVE	PIDILITE, FOSROC, SIKKA, CICO, BASF,
15	EPOXY MORTAR	FOSROC, SIKKA, DR. FIXIT, CICO.

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16	DASH FASTENER	HILTI, FISHER, BOSCH, CANON
17	FLUSH DOOR SHUTTERS (DOOR SHUTTERS (DECORATIVE/ NON DECORATIVE)	GREENPLY, CENTURY, NATIONAL, DURO, JAYNA (JAIN WOOD INDUSTRIES)
18	BOARD & PLYWOOD	DURO, CENTURY, GREENPLY
19	HYDRAULIC DOOR CLOSE R/ FLOOR	GODREJ, DORMA, HEFFLE, KICH, HETTICK, HARDWYN
20	WOODEN DOOR FITTINGS OF BRUSHED STEEL	B & R, GODREJ, DORMA, HEFFLE, KICH, HETTICK.
21	S.S. STAIRCASE RAILING/ ACCESSORIES	KICH, D-LINE, JINDAL STAINLEES STEEL LTD.
22	FIRE CHECK DOOR	PROMAT, KUTTY DOOR, NAVAIR, SAINT GOBAIN, SIGNUM FIRE PROTECTION INDIA PVT. LTD.)
23	FIRE CHECK ACCESSORIES CALCIUM/ SMOKE SEAL STRIP/ DOOR, CLOSER LOCK	PROMAT, NAVAIR, ASTRO FLAME.
24	PREMIUM ACRYLIC EXTERIOR PAINT WITH LOW VOC	ASIAN, BERGER, NEROLAC, ICIDULUX, JK MAX
25	INTERIOR ACRYLIC PAINT AND PRIMER WITH LOW VOC	ASIAN, BERGER, NEROLAC, ICIDULUX
26	ANODISED ALUMINIUM & HARDWARE (HEAVY DUTY)	CLASSIC HARDIMA, EVERITE, SIGMA (ISI MARKED)
27	HARDWARE FITTINGS	GODREJ, HFFLE, HETTICH, KICH, DORMA, POLYTUF (R.S. INDUSTRIES).
28	TEMPERED GLASS	MODL SAINT GOBAIN, ASAHI
29	POLYESTER POWDER COATING	NEROLAC, BERGER, J & N
30	ALUMINIUM SECTIONS	HINDALCO, INDALCO, JINDAL
31	FRICTION STAY HINGES	EARL-BIHARI, HETTICK, DORMA, HEFFLE.
32	NUTS, BOLTS AND SCREWS	HETTCK, HEFFLE, KICH, DORMA
33	EPDM GASKET	HANU, ANAND
34	STRUCTURAL SILICON/WEATHER SILICON	DOW CORNING, WACKER, 3M
35	ADHESIVE TAPE	NORTON 3M
36	GLAZED CERAMIC TILES	KAJARIA, SOMANY, NITCO, ORIENT, CERA, JOHNSON
37	CEMENT CONCRETE TILES/ HARDONITE TILES	NITCO, HINDUSTAN, PODDAR, ULTRA TILES, NTC
38	VITRIFIED TILES	KAJARIA,SOMANY, NITCO, ORIENT, JOHNSON, CERA
39	TILE ADHESIVE	CICO, PIOILITE, FERROUS, BALENDURA, LETECRETE.
40	CHEQUERED TERRAZO TILES	NITCO, BHARAT, PODDAR, ULTRA TILES, NTC, CERA, SOMANY.
41	CLAY TILES ON ROOF	KENJAI, JOHNSON.
42	CC PAVERS	NITCO- {ROCKARD), PODDAR. ULTRA TILES
43	GRASS PAVER	UNISTONE, ULTRA
44	WATER-PROOF CEMENT PAINT	SNOWCEM, ASIAN, BERGER, NERQLAC
45	SYNTHETIC ENAMEL PAINT	BERGER. NEROLAC, ASIAN, ICI-DULUX, JK MAX
46	PLASTIC EMULSION PAINT	ASIAN BERGER, NEROLAC ICI-DULUX, JK MAX
47	VITREOUS CHINA SANITARY WARE	JAQUAR, PARRYWARE, HINDWARE, KOHLER SOMANY, CERA.

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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## Border Security Force, Sector HQr Jammu

48	FIRECLY SINK & DRAIN BOARDS	PARRY, SUNFIRE
49	S.S. KITCHEN SINKS	NILKANTH, AMC, COBRA, SPC (SELECTED PRODUCTS CO.), CERA, M/S PRAYAG POLYMERS (P) LTD, KINGSTON (PLASTO CRAFT SANITARY INDIA PVT. LTD.)
50	C P BRASS BATH FITTINGS	JAQUAR, HINDWARE, KOHLER, SOMANY, PRIMA CERA, KINGSTON, PRAYAG.
51	SOIL, WASTE & VENT PIPES & FITTING (A) CENTTIFUGAL CAST IRON	NECO, SKF, HEI'CO, BIC RPMF (RAJ PATIERN MAKERS & FOUNDERS PVT. LTD.)
52	LA (CI) PIPES	NECO, RIF
53	G.I. PIPES	TATA, JINDAL (HISSAR)
54	GI FITTINGS (MALLEABLE CAST IRON)	UNIK, ZOLOTO
55	GUNMETAL VALVES	LEADER, SANT, ZOLOTO
56	STONEWARE PIPE & GULLY TRAPS	PERFECT, PARRY
57	R.C.C. PIPES (NP-2)	LAKSHMI, SOOD & SOOD, JAIN & Co.
58	MS PIPES	TATA, SAIL, JINDAL, ELECTRO STEEL
59	C.I. DOUBLE FLANGED SLUICE VALVE	KIRLOSKAR, IVC, BURN
60	C.I. DOUBLE FLANGED NON-RETURN VALVE	KIRLOSKAR, LEADER
61	C.I. MANHOLES COVERS	BIC, RIF, SPC (SLELECTED PRODUCTS CO.)
62	UPVC PIPE	SUPPEREME, PRINCE, FINOLEX, APPOLO
63	BALL VALVES	ZOLOTO, IBP, ARCO
64	UNGLAZED VITRIFIED TILES	JHNSON (ENDURA), SOMANY (DURASTONE)
65	SPIDER FITTINGS	DORMA, HEFELE, KICH, HETTICK
66	MINERAL FIBRE FALSE CEILING	ARMSTRONG, ANUTONE
67	LIGHT WEIGHT CALCIUM SILICATE FALSE CEILING TILES	AEROLITE, HILUX
68	ACOUSTICAL PANELS	ARMSTRONG, ANUTONE
69	6MM THICK TOUGHENED HEAT REFLECTIVE GLASS	SAINT GOBAIN, ASAHI, MODIGUARD
70	GLASS REINFORCED CONCRETE TILE	UNISTONE, ULTRA, GYPROC.
71	UPVC WINDOW, VENTILATION AND DOORS	FENESTA, REHAU, NCL-VEKA
72	MULTI LATERED POLYCARBONATE PANEL/ FAÇADE SYSTEM	GE PLASTICS, DANPLAN
73	STAINLESS STEEL HARDWARE FITTINGS	DORMA, GODREJ, KICH, HAFFLE, HETTICK
74	HUBLESS PIPES & FITTINGS	NECO, SKF, RPMF, (RAJ PATTERN MAKERS & FOUNDERS PVT LTD.)
75	FRP DOOR SHUTTER AND FRAME	SPC (SELECTED PRODUCTS CO.) JAIN DOORS PVT. LTD, JAYNA (JAIN WOOD INDUSTRIES)
76	SOLID PVC CUPBOARD SOLID KITCHEN CABINET AND SOLID PVC DOORS.	RAJSHREE, SINTEX
77	PVC DOORS & FRAMES	RAJSHREE, SINTEX
78	ISI MARKED FLUSHING CISTERNS	HINDWARE, KOHLER, CERA, PARRYWARE
79	MANUFACTURER OF MS STEEL SECTION WINDOWS, MS TUBLER SECTION WINDOWS & MS PRESSED STEEL DOOR FRAMES	SAN HARVIC, AGUE JANGID ENGINEERING WORKS
80	PTMT BATHROOM FITTINGS	M/S PRAYAG POLYMERS (P) LTD, POLYTUF (R.S. INDUSTRIES) KINGSTON (PLASTOCRAFT SANITARY INDIA LTD.)

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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81	SUPER PLASTICIZER	PIDILITE, FOSROC, SIKKA, CICO, BASF,
82	FRP SHUTTER	FIBER GLASS ENGINEERS, ASHOO MODEL
83	CURTAIN CARRIER	VISTA LEVLOR OR EQUIVALNET
84	DRAPERY ROD	VISTA LEVLOR OR EQUIVALNET
85	TUBULAR SECTION WINDOW	M/S CLASSIC ENGINEERS & FABRICATOR, RAIPUR, M/S MULWIN INDUSTRIAL CORPORATION, KOLKATA
86	HARDNER	HARDCRETE OF SNOWCEM INDIA, MC DERITOP, DR FIXIT
87	EPOXY PRIMER & PAINTS	BERGER, PIDILITE, ASIAN, NEROLAC, JK MAX
88	PRIMER	ASIAN, ICI, BERGER, NEROLAC, JK MAX
89	PVC RAIN WATER PIPE & FITTING	FINOLAX, CLASSIC OF KISAN, ASTRAL
90	BIO TOILET	SINTEX OR EQUIVALENT AS PER SPECIFICATION
91	ALL SANITARY FITTING PTMT	PRAYAG, PRINCE, KLASSIC, SUPREME, ASTRAL
92	PP-R PIPE & FITTING	SINTEX, FINOLEX, ASTRAL, SUPREME
93	SYNTHETIC POLYMERIC RUBBER COMPOUND	ARMSTRONG, SUPERLON, VIDOFLEX
94	TEXTURE EXTERIOR WALL	BERGER, NEROLAC, ASIAN, ICI-DULUX, JK MAX
95	OIL BOUND DISTEMPER	BERGER, NEROLAC, ASIAN, ICI-DULUX, JK MAX
96	VITREOUS CHINA WASH BASIN OVAL	HINDWARE / PERRYWARE / CERA
97	VITREOUS CHINA PEDESTAL FOR WASH BASIN	PEDESTAL OF PERRYWARE / HINDWARE / CERA
98	VITREOUS CHINA FLOOR MOUNTED EUROPEAN W.C. WITHOUT CISTERN	PERRYWARE / HINDWARE / CERA
99	VITREOUS CHINA FLOOR MOULDED EUROPEAN WITH CISTERN	PERRYWARE / HINDWARE / CERA
100	VITREOUS CHINA WALL HUNG W.C. WITHOUT CISTERN.	PERRYWARE / HINDWARE / CERA
101	VITREOUS CHINA WALL HUNG W.C. WITH VITREOUS CISTERN (COMPONENT)	PERRYWARE / HINDWARE / CERA
102	ORISSA PAN	PERRYWARE / HINDWARE / CERA
103	LOW LEVEL PVC CISTERN SINGLE FLUSH	SLEEK MODEL CISTERN OF PVC OF HINDWARE OR SLIMLINE DELUXE MODEL OF PERRYWARE, CERA JINDAL.
104	DUAL FLUSH FLUSHING CISTERN	SLEEK DUAL FLUSH PVC CISTERN OF HINDWARE OR SLIMLINE DUAL OF PERRYWARE, CERA
105	VITREOUS CHINA HALF STALL URINAL	HINDWARE / PERRYWARE / CERA
106	VITREOUS CHINA WASH BASIN RECTANGULAR WITHOUT PEDESTAL	HINDWARE / PERRYWARE / CERA
107	CGI SHEET/PROFILE SHEET	JSW, JINDAL, TATA, RINL, SAIL, SRMB

AC(Works)/AE(Civil)  
SHQ BSF Jammu.

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
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**ANNEXURE- E**

**UNDERTAKING**

To,

AC(Works)/AE(Civil).

SHQ BSF Jammu

Name work- **Improvement of area from reception gate to officer mess at paloura campus of SHQ BSF Jammu.(SH:Painting work)**

Dear Sir,

I Sri/Smt .....Son of Sri/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 & 7".

Yours faithfully

(Duly authorized signatory of the Bidder)  
With seal

**WITNESSES:**

1. ....  
(Signature)

Name :

Address:

Contact No. :

2. ....  
(Signature)

CORRECTION (C)	NIL
INSERTION (I)	NIL
DELETION (D)	NIL

A.E (Civil)  
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### SCHEDULE OF QUANTITY FOR EXECUTION OF WORKS

**Name of work:- Construction of Temporary Toilet Block at BOP Stop-II in AOR of 101 BN BSF under SHQ BSF Jammu.**

S. No.	Description of Item	QTY	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	7.09	Cum	260.30	1846.00
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	9.02	Cum	196.00	1768.00
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 Cement : 5 coarse sand (zone-III) : 10 graded stone aggregate 40 mm nominal size)	2.46	Cum	6518.60	16036.00
4	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) over 75mm bed by dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	12.00	Sqm	749.30	8992.00
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	2.37	Cum	9045.75	21438.00
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	0.73	Cum	10852.95	7923.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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7	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	0.64	Cum	11505.50	7364.00
8	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc for mass concrete	19.82	Sqm	392.15	7772.00
9	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	6.91	Sqm	736.40	5089.00
10	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments Posts & Struts	13.25	Sqm	961.30	12737.00
11	Steel reinforcement for R.C.C. work including traightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars Fe-500D or more.	189.60	Kg	107.85	20448.00
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Thermo-Mechanically Treated bars Fe -500D or more.	123.30	Kg	107.85	13298.00
13	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	3.54	Cum	7132.25	25248.00
14	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	8.21	Cum	9105.95	74760.00
15	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	9.00	Sqm	905.05	8145.00
16	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement : 4 coarse sand)	3.24	Sqm	1123.80	3641.00
17	Providing and fixing aluminium sliding door bolts ISI marked anodised ( anodic coating not less than grade AC 10 as per IS 1868) transparent of dyed to required colour or shade with nuts and screws etc complete: in size 250 x 16 mm	4.00	Each	260.60	1042.00
18	Providing and fixing aluminium tower bolts ISI marked anodised ( anodic coating not less than grade AC 10 as per IS 1868) transparent of dyed to required colour or shade with nuts and screws etc complete: in size 200 x 10 mm	4.00	Each	99.70	399.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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19	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour and shade with necessary screws etc. complete of size 125 mm	8.00	Each	66.25	530.00
20	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick plain	5.24	Sqm	3182.95	16679.00
21	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators side /top /centre hung with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer , but excluding the cost of other fittings, complete all as per approved design (sectional weight of only steel members shall be measured for payment). Fixing with 15x3 mm lugs 10 cm. long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse coarse sand : 6 graded stone aggregate 20 mm nominal size).	47.00	Kg	131.05	6159.00
22	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	180.00	Kg	194.40	34992.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
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23	Providing and fixing T- iron frames for doors, windows and ventilators of mild steel tee sections, joints mitred and welded with 15 x 3 mm lugs 10 cm long embedded in cement concrete blocks 15 x 10 x 10 cm of 1: 3: 6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) or with wooden plug and screws or rawl plugs and screws or with dash fastener or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer	57.00	Kg	141.70	8077.00
24	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	47.00	Sqm	1267.95	59594.00
25	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	15.73	Sqm	1096.55	17249.00
26	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	4.00	Mtr	248.80	995.00
27	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter	28.40	Mtr	377.40	10718.00
28	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee without door. 110x110x110 mm	2.00	Each	221.35	443.00
29	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5 degree 75 mm bend	2.00	Each	105.90	212.00
30	110 mm bend	4.00	Each	150.35	601.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

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31	Providing and fixing unplastised -PVC pipe clips of approved design to unplastised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 110 mm	4.00	Each	371.30	1485.00
32	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	24.00	Sqm	738.65	17728.00
33	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	52.00	Sqm	333.35	17334.00
34	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	16.92	Sqm	383.00	6480.00
35	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour Two coats.	21.60	Sqm	137.45	2969.00
36	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	47.00	Sqm	160.60	7548.00
37	Providing and fixing water closet squatting pan (Indian type WC pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white PVC flushing cistern with manually controlled device (handle lever) conforming to IS 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required white vitreous china Orrissa pattern WC pan of size 580x 440 mm with integral type foot rests	1.00	Each	6767.40	6767.00
38	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	1.00	Each	6515.55	6516.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
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39	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550 x 400 mm with single 15 mm CP brass pillar tap	2.00	Each	1879.20	3758.00
40	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	2.00	Each	1683.35	3367.00
41	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00	Each	349.15	349.00
42	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	2.00	Each	1648.95	3298.00
43	Providing and fixing mirror of superior glass (of aproved quality) and of required shape and size with plastice moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 453 x 357 mm (outer dimension).	2.00	Each	1377.10	2754.00
44	Providing and fixing 600 x 120 x 5 mm glass shelf with edges rounded off supported on anoclosed aluminum angle frame with CP brass brackets and guard rail complete fixed with 40mm long screws raw/plugs etc complete.	2.00	Each	1083.50	2167.00
45	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with cp brass screws with concealed fittings arrangement of approved quality and colour. 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms.	2.00	Each	673.40	1347.00
46	Providing and fixing GI pipes complete with GI fittings and clamps, including cutting and making good the walls etc internal work a) 15 mm dia nominal bore	10.00	Mtr	366.40	3664.00
47	Providing and fixing GI pipes complete with GI fittings and clamps, including cutting and making good the walls etc internal work b) 20 mm dia nominal bore	10.00	Mtr	437.30	4373.00
48	Providing and fixing GI pipes complete with GI fittings including trenching & refilling etc. External work. 25 mm dia nominal bore.	15.00	Mtr	467.75	7016.00
49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore.	2.00	Each	506.80	1014.00
50	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm n/bore	2.00	Each	798.95	1598.00
51	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15 mm n/bore	6.00	Each	574.30	3446.00

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
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52	Providing and fixing gun metal gate valve with CI wheel of approved quality (screwed end) 25 mm nominal bore	2.00	Each	622.40	1245.00
53	Providing and fixing ball valve Brass of approved quality, High or low pressure, with plastic floats complete 20 mm nominal bore.	1.00	Each	462.50	463.00
54	Providing and fixing unplasticised PVC connection pipe with brass unions 15 mm nominal bore. 30 cm length & 15 mm nominal bore	6.00	Each	85.00	510.00
55	Providing and fixing GI union in GI pipe including cutting and threading the pipe and making long screw etc complete ( New work) 20 mm nominal size. a) 15 mm dia nominal bore	1.00	Each	318.35	318.00
56	Providing and placing on terrace ( at all floor levels) polyethylene water storage tank ISI 12701 marked indicating the BIS license No with cover and suitable locking arrangement and making necessary holes for inlet , outlet and overflow pipes but without fittings and the basse support for tank (Sintes, Electroplast, Lotus or equivalent having valid ISI license) .	1000.00	Ltr	11.00	11000.00
57	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	2.00	Each	670.45	1341.00
58	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand ) RCC top slab with 1:2:4 mix (1 cement 2 coarse sand 4 graded stone aggregate 20 mm nominal size ) foundation concrete 1:4 :8: mix (1 cement 4 coarse sand :8 graded stone agg 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 ( 1 cement : 3 coarese sand) finished with foating coat of neat and making channels in cement concrete 1:2:4 (1 cement 2 coarse sand : 4 graded stone agg 200mm nominal seze) finished with a floating coat of neat cement complete as per standard design Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) :with FPS bricks with class designation 75.	2.00	Each	12770.55	25541.00

Total	539591.00
Modified estimated cost after using correction factor on DSR 23 on account of GST @ 0.973	525022.00
Add cost index @ 14.02%	73608.00
Total	598630.00

I /We am/are ready to execute the above work @ \_\_\_\_\_ % (above/below) of the estimated cost  
(Percentage in words \_\_\_\_\_ % above/below)

APPROVED/NOT APPROVED

Signature of contractor  
With seal

AC (Works)/AE(Civil)  
SHQ BSF Jammu

<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

A.E (Civil)  
SHQ BSF Jammu

# Border Security Force, Sector HQr Jammu

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<b>CORRECTION (C)</b>	<b>NIL</b>
<b>INSERTION (I)</b>	<b>NIL</b>
<b>DELETION (D)</b>	<b>NIL</b>

**A.E (Civil)**  
**SHQ BSF Jammu**