



INDO- TIBETAN BORDER POLICE FORCE
(MHA) GOVERNMENT OF INDIA
INDEX

Name of Work: "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

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CPWD-6 FOR e-TENDERING
GOVERNMENT OF INDIA
INDO- TIBETAN BORDER POLICE FORCE
NOTICE INVITING TENDER

Percentage rate bids are invited on behalf of the President of India from the approved and eligible contractors of CPWD, MES, Railway, BRO, State PWOs and BSNL for the work: "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

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

1.1 The work is estimated to cost Rs. 6,49,54,577/- .This estimate, however, is given merely as a rough guide.

1.2 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids.

2. Criteria of eligibility:

The tenderer who fulfill the following requirements shall be eligible to apply:-

- a) The Tenderer should have completed satisfactorily at least *3 similar works each of value 40% of the estimated cost or *2 similar works of 60% of the estimated cost or *1 similar work of 80% of estimated cost during the last 7(seven) years (at least one work of them should be in Central Govt. /Central Autonomous bodies/ Central PSU/State Govt).Tenderer to provide list of works completed of the requisite magnitude along with the attested copies of certificates of satisfactory completion works only.
- b) The contractors shall have to submit self-attested copy of Enlistment Order of the Contractor in CPWD, MES, Railway, PWOs, BRO& BSNL in appropriate class (Civil/composite)
- c) Tender form duly signed by the firm. **If Tender form is not uploaded on e-tendering website within due period of time then technical bid of that firm will not be accepted and it will not be placed under shortfall.**
- d) In additional to documents mentioned above from 2a to 2d tenderer/ firm to submit Self attested copy of GST Registration, Pan card/Tan No. EPF and ESIC registration or exemption notice as applicable or affidavit of proof of applying these. (can be submitted within 15 days from the date of issue of letter of acceptance)

Similar work shall mean works of "Construction of building/(Civil & Electrical Work)"

Note-1:- Components of work executed other than those included in definition of similar work shall be deducted while calculating cost of similar work. Bidder shall submit abstract of cost of work in support of this

Note-2:- For the purpose, "Cost of work" shall mean gross value of the completed work. This should be certified by an officer not below the rank of Executive Engineer / Project Manager or equivalent

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Note-3:- The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last day of month previous to the one in which tenders are invited.

Note-4: While considering any similar work executed by applicant firm under joint venture, the experience of the applicant firm in that work shall be restricted to its share/responsibilities as reflected in the Memorandum of Understanding (MoU), signed between the parties, while forming joint venture for that work, attested/Notarized copy of which shall be submitted along with the eligibility bid.

- a) Should have had Average Annual Financial Turn Over at least 30% of the estimated cost put to tender on various works during the immediate last three consecutive financial years ending 31st March 2026. The Value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum. (Scanned copy of Certificate of CA to be uploaded as per format in Form "A"). Form "A"
- b) Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five consecutive years balance sheet ending 31st March 2026 (Scanned copy of Certificate of CA to be uploaded as per format in Form A).Form "A"
- c) Should not have been blacklisted/ debarred from any Government, Semi Government organizations e.g. NHAI, MORTH, BRO, NHIIDCL, NBCC, NPCC, CPWD, PWD, EPIL, EIL, Railway authority etc. or any other PSUs and Municipal Corporations at any time during last five years as per format in Form "B"

3. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available with **2IC (Engr) SHQ (LKB) ITB Police** and may be seen on any working day.

4. The time allowed for carrying out the work will be **24 Months** from the date as defined in **Schedule -'F'** or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

5. The site for the work is available. The site for the work shall be made available

6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.itbp.gov.in & www.eprocure.gov.in free of cost.

7. After submission of the bid, the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

8. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

9. When bids are invited in two stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.

10. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt drawn in favor of the **DIG SHQ (LKB), ITB Police** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. (Modified vide OM DG/MAN/303 dt. 28.03.2014). EMD can be physically deposited at any formation/ office of ITBP before due date.

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A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders. (Modified vide OM DG/MAN/307 dt. 27.05.2014).

Copy of Enlistment Order and certificate of work experience wherever applicable and other documents as specified in this bid document shall be scanned and uploaded to the e-Tendering website within the period of tender submission and certified copy of each shall be deposited in a separate envelop marked as "Other Documents".

Online tender documents submitted by intending tenderers shall be opened only of those tenderers, whose Earnest Money Deposit, and other documents placed in the envelope are found in order.

11. The bid submitted shall become invalid if:

- (i) The tenderers /bidder is found ineligible.
- (ii) The tenderers /bidder does not upload all the documents as stipulated in the tender document.
- (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted physically in the office of tender opening authority.
- (iv) If tenderer have track record of delaying in execution of work in any Govt. deptt.

12.1 The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the Estimated cost put to tender (ECPT) or contract amount whichever is higher, or as prescribed from time to time, to be submitted in the form as prescribed in GCC (in Schedule F). Performance Guarantee shall remain valid for minimum period of Six months beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs 10000/-) or Deposit at Call receipt of any scheduled bank/Bankers cheque/FDR/TDR of any scheduled bank of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

12.2 A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.

12.3 **Requirement of Additional Performance Guarantee (APG)** : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be 0.8A-0.7A.) The additional Performance Guarantee (APG) shall be in the prescribed format of submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG..

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.

13. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies

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सिनिना (अभिप्रेता)
Commandant (Engr)
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N.E. Ftr. HQ, LT.B. Force

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and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and local conditions and other factors having a bearing on the execution of the work.

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

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

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

17. The contractor shall not be permitted to bid for works in the any unit of ITBP, Dte Gen responsible for award and execution of contracts, in which his near relative is posted as unit Accountant or as an officer in any capacity between the grades of IG Engineer and unit overseer (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 I.T.B. Police or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department/ debarred to tender in ITBP.

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

19. **The bids of tenderers having track record of delaying works will be rejected in technical evaluation & their financial bids will not be opened.**

20. The tender for the works shall remain open for acceptance for a period of 75 days from the date of opening of tenders if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderers shall not be allowed to participate in the retendering process of the work.

21. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates

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Commandant (Engr)

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quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

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

21.1.1 The tender document will include following two components:

Part A:-CPWD-6, CPWD-8 including schedule A to F for all the both major and minor components of the work, Standard General Conditions of Contract for CPWD 2020 as amended/modified up to date.

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

21.1.2 The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individually.

21.1.3 The eligible bidders shall quote percentage for all items of major component as well as for overall items of minor components of work.

21.1.4 After acceptance of the bid by competent authority, the 2IC (Engr) SHQ (LKB),ITBP shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into agreement with 2IC (Engr) SHQ (LKB),ITBP. He has also to sign two or more copies of agreement for unit and Higher Head Quarters.

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

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

21.1.7 In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

21.1.8 Running payment for the work shall be made by the Engineer in-charge of major discipline to the main contractor.

21.1.9. Final bill of whole work shall be finalized and processed for payment by the Engineer in-charge of major components of work i.e Unit (Engr), 20 BN ITBP.



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N.E. Ft. HQ, I.T.B., Bongaigaon

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

1. Information and instructions for Contractors will form part of NIT.
2. 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.
3. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
4. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
5. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
6. On opening date, the contractor can login and see the bid opening process.
7. Contractor can upload documents in the form of **JPG** format and **PDF** format.
8. It is mandatory to upload scanned copies of all the documents as stipulated in the bid document. If such document is not uploaded his bid will become invalid and shall be rejected.
9. If the contractor is found ineligible after opening of bids, his bid shall become invalid and shall be rejected.
10. 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 contractor, the bid shall become invalid and shall be rejected.
11. Contractor must ensure to quote percentage. The column meant for quoting percentage in figures appears in pink color and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank, the same shall be treated as "0".

Therefore, if any cell is left blank and no percentage is quoted by the bidder, percentage shall be treated as "0" (ZERO).

12. Payment of cost of Tender documents:-The collection of cost of Tender documents is dispensed away with, as there is no physical supply of tender documents and also to have absolute anonymity of the bidders participating in e-procurement solution. The bidders can view/download the tender documents, from the www.eprocure.gov.in&www.itbp.gov.in

13. Submission of bids: The bidders who are desirous of participating in 'e' procurement shall submit their price bids in the standard formats prescribed in the Tender documents, displayed at www.eprocure.gov.in&www.itbp.gov.in .The bidder should upload the scanned copies of all the relevant certificates, documents etc., on the www.eprocure.gov.in in support of their price bids. The bidder shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness/authenticity.

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14. **Payment of Bid Security (Earnest Money Deposit):** The EMD shall be in the form of Pay Order/FDR of a scheduled bank issued in favour of Dy. Inspector General, SHQ (LKB), ITBP, have to be deposited. 50% of earnest money or Rs.20 lakh, whichever is less, will have to be deposited in the shape prescribed above and balance amount of earnest money can be accepted in the form of Bank Guarantee issued by a scheduled bank. Physical EMD can be deposited at any formation/ office of ITBP.

Zerox copy of the DD/Pay Order/FDR is to be scanned and uploaded along with the Bid, and the original Pay Order/FDR shall be submitted to the 2IC (Engr) SHQ (LKB), ITB Police Likabali or in any formation/ office of ITBP so as to reach before the date and time mentioned in NIT. Failure to furnish the original DD/Pay Order/FDR as EMD and other documents before the date and time mentioned in NIT will entail rejection of bids.

15. **Price Bid Opening:-**The Price Bids will be opened online at specified date & time and the result will be displayed on the www.eprocure.gov.in which can be seen by all the bidders who participated in the tenders.

16. **Processing of Tenders:** The concerned officer/officers will evaluate and process the tenders as done in the conventional tenders and will communicate the decision to the bidder online.

17. **Participation of Bidders at the time of opening of bids:** Bidders have two options to participate in tendering process at the time of opening of Bids:

- i) Bidders can come to the place of opening of bids.
- ii) Bidders can see the process online.

18. **Signing of agreement:** After the award of the contract, an agreement shall be signed by successful bidder.

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Commandant (Engr)

उप मुख्य अधिकारी, इ. टी. बी. फोर्स
N.E. Ftr. HQ, I.T.B. Force

Signature of Tenderer/s

INTEGRITY PACT

To

.....

Sub: NIT No. -NO. ITBP/SHQ (LKB)/ENGR/T-66(20 BN) /2026/- 150 Date- 14/05/26
 Name of work: "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

Dear Sir,

It is hereby declared that ITBP is committed to follow the principle of transparency, equity and competitiveness in public procurement.

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

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

Yours faithfully

2IC (Engr)

SHQ (LKB), ITB Police

Sig of CO (ENGR) (Engr)

उपरोक्त कार्य के लिए सौंपे गए
 N.E. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

INTEGRITY PACT

To

2nd-In-Command (Engr)
SHQ (LKB), ITB Police
Likabali

Sub: "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

Dear Sir,

I/We acknowledge that we are 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 competent Authority, ITB Police. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/ bid, 2IC (Engr) SHQ (LKB), ITB Police Likabali shall have unqualified, absolute and unfettered right to disqualify the tenderer /bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours Faithfully

(Duly authorized signatory of the Bidder)



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उद्योग विभाग, मुंबई, महाराष्ट्र
N.E. Pt. HQ, ITB.P. FORCE

INTEGRITY PACT

INTEGRITY AGREEMENT

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

BETWEEN

I.T.B. Police represented through, **2IC (Engr) SHQ (LKB),ITBP** (Hereinafter referred as the SHQ (LKB), ITBP /Owner, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

through _____

(Hereinafter referred as the "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS SHQ (LKB), ITBP /Owner has floated the Tender(NIT No.....) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for :- **Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)**

hereinafter referred to as the "**Contract**".

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

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

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

Article 1: Commitment of the Principal/Owner

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

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

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NE Ft. HQ, ITB Police

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 ITBPolice /Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the ITBPolice /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 ITBPolice /Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

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

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

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

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

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

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

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

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उप मुख्य अधिकारी (इंजीनियर)
N.E. Fr. HQ, I.T.B., France

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

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

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a 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 other and/or to influence the procurement process to the detriment of the Government interests.

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

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the 2IC (Engr)/DC (Engr) SHQ (LKB), ITBP /Owner under law or the Contract or its established policies and laid down procedures, the 2IC (Engr) SHQ (LKB), ITBP /Owner shall have the following rights in case of breach or this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Engineer-in-charge of work I T B Police /Owner after giving 07days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the 2IC (Engr) SHQ (LKB), ITBP.**

2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the I T B Police /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 right 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 I T B Police /Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the 2IC (Engr) SHQ (LKB), ITBP /Owner

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has substantive suspicion in this regard, the 2IC (Engr) SHQ (LKB), ITBP /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 year with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by 2IC (Engr) SHQ (LKB), ITBP /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, 2IC (Engr) SHQ (LKB), ITBP/Owner may, at its own discretion, revoke the exclusion prematurely.

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

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation (s) of the principles laid down in this agreement/Pact by any of its Sub-contractor/Sub-vendors.
- 2) 2IC (Engr) SHQ (LKB), ITBP /Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The 2IC (Engr) SHQ (LKB), ITBP /Owner will disqualify Bidders, who do not submit, the duly signed Pact between the 2IC (Engr) SHQ (LKB), ITBP /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 30 Days 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, 2IC (Engr) SHQ (LKB), ITBP.

Article 7: Other Provisions

- 1) This pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the 2IC (Engr) SHQ (LKB), ITBP /Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members.

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In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

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

5)It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement/Pact or any action taken by the Owner/ 2IC (Engr) SHQ (LKB), ITB Police Likabali, ITB Police in accordance with this Integrity agreement /pact interpretation thereof shall not be subject to arbitration.

Article 8: Legal and Prior Rights

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

IN WITNESS WHERE OF 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 -----,IT B Police/Owner)

(For and on behalf of Bidder/Contractor)

WITNESSES:

1. _____

2. _____

Place:

Dated:

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उत्तम चर्चा: ४४ मुख्यालय, थाना नो. पु. बल
N.E. Fr. HQ, I.T.B.P. Force

Signature of Tenderer/s

CPWD-7

PERCENTAGE RATE TENDER AND CONTRACT FOR WORK

Tender for the work of : "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

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 document 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 in Rule-1 OF General Rules and Directions and in Clause 11 of schedule F with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for 75 days from the due date of its opening.

A sum of Rs. 12,99,092/-is hereby forwarded in cash/receipt treasury challan / deposit at call receipt of bank / fixed deposit receipt of scheduled bank / demand draft of a scheduled bank / bank guarantee issued by a scheduled bank as earnest money. If I/We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be a liberty to take action as per self-declaration form. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to determined in accordance with the provision 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 both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible 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 ITBP in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from to any person other than a person to whom I/We am/are

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Signature of Tenderer/s

Commandant (Engr)
उप मुख्य अधिकारी, आर. आर. ए. पुलिस
N.E. Ftr. HQ, I.T.B., Force

authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated.....

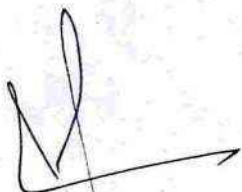
Signature of Contractor

Postal Address

Witness

Address:

Occupation: To be filled in by the contractor/witness as applicable



Sig of CO (ENGR) (सा)

Commandant (Engr)
उप मुख्य अधिकारी, आर. ए. ए. पु. बल
NE Ftr. HQ, I.T.B. Force

Signature of Tenderer/s

ACCEPTANCE

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

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

- a) Notice inviting E-tender
- b) Signed tender form
- c) Acceptance letter
- d) Work order
- e) Schedule of items
- f) Working Drawing

For & on behalf of the President of India.

Signature.....

Designation -----

Dated.....

Sig of COV(ENGR)

Commandant (ENGR)

उप मुख्य अभियंता, न. ई. फौज
N.E. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

1. Notice Inviting Tender will state the work to be carried out, as well as the date for submission and opening of tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited during submission of tender. The performance Guarantee to be deposited by the successful tenderer and the amount of security deposit to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work shall also be open for inspection by the contractor at the office of officer inviting tender during office hours. The contractor has to sign in relevant register with address as a token of seeing understanding detail about work.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the Schedule of Quantity (Vol.II) form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tenders for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.
5. The officer inviting tender or his duly authorized representatives will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, contractor shall sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the earnest money of unaccepted tenders shall thereupon be returned to the contractor, without any interest.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier if EMD & other papers are submitted by hand.

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Commandant (Engr)
 ३३ अंश मुख्यालय, कांठि गो मु. वल
 N.E. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

8. The tenderers shall sign a declaration under the official Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. Use of correction fluid, anywhere in tender document is not permitted. Such tender is liable for rejection.
9. In percentage rate tender only percentage quoted shall be considered. Percentage quoted by the contractor in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct.
10. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
- i) The contractor whose tender is accepted shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee within the period as specified in **Schedule-'F'** in the form of an irrevocable bank guarantee bond of any scheduled bank in accordance with the form prescribed, fixed deposit receipt or demand draft in favour of Dy. Inspector General, SHQ (LKB), ITBP, Likabali, Assam.
- ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal 2.5% of the tendered value of the work. The Security deposit may also be recovered by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.
11. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.
12. GST, purchase tax, turnover tax or any other tax applicable in respect of this contract shall be payable by the Contractor and ITBP will not entertain any claim whatsoever in respect of the same.
13. The contractor shall give a list of both gazetted and non-gazetted ITBP employees related to him.
14. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summarily rejection.
15. The tender for composite work includes, building work, all other works such as sanitary and water supply installations, drainage, civil work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate

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Signature of Tenderer/s

Commandant
 34
 N.E. Ft. HQ, I.T.B.

himself with agencies of appropriate class which are eligible to tender for sanitary and water supply, drainage, electrical, horticulture works etc in the composite tender.

16. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the ITBP may in its discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
17. If a bidder/firm quotes nil charges / consideration, the bid shall be treated as unresponsive and will not be considered.
18. Bidders may contact engineer in-charge for meeting at any working day between 10 AM to 5 PM to obtain any information/ clarification on bidding conditions, bidding process etc. The reasons for rejecting tender to prospective bidder will be disclosed by authority concerned on his enquiries

Vetting of drawing from IIT/NIT - Not applicable

19. EMD for the work can be deposited at any formation/ office of ITBP on any office day before due date i.e. date of opening of tender.

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Commandant (ENGR)

उप-निरीक्षक मुख्यालय, पाली रोड पु. बल

NE. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

CONDITIONS OF CONTRACT

1. DEFINITION:-

The contract means the document forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the President of India and the contractor together with the documents referred therein including these conditions, specifications, designs, drawing and instruction issued from time to time by the Engineer-in-charge and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

2 In the contract, the following expressions shall unless the contexts otherwise required have the meaning.

(i) The expression work or works shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract to be executed whether original, altered, substituted or additional.

(ii) The site shall mean the land/or other places on, into through which work is to be executed under the contract or any adjacent land, path or street through which may be allotted or used for the purpose of carrying out the contract.

(iii) The Agency / Contractor / Tenderer shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons comprising such firm or company, or the successors of such firm or company and permitted assigns of such individual, firm or company.

(iv) The President means the President of India and his successors.

(v) The Engineer-in-charge means the Engineer officer who shall supervise and be in charge of the work and who shall sign the contract on behalf of the President of India as mentioned in schedule hereunder.

(vi) Government or Government of India shall mean the President of India.

(vii) Accepting authority shall mean the authority duly authorized to accept the tender.

(viii) Accepted Risk are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurgency, military or usurped power, any acts of Government, damages from aircraft, acts of God such as earthquake, lightening, unprecedented floods and other causes over which the contractor has no control and accepted as such by the Accepting Authority or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Government's faulty design of works

(ix) Market rate shall be the rate as decided by the accepting authority on the basis of the cost of materials and labour at the site, where the work is to be executed plus the applicable percentage i.e. 15% to cover all over heads and profits.

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Commandant (Engg)
उत्तर पूर्वी क्षेत्रीय मुख्यालय, आर. डि. ए. सि. पु. बल
N.E. Pr. HQ, I.T.B. Force

Signature of Tenderer/s

- (x) Department means ITB Police Force or any department of Government of India, which invites tender on behalf of President of India.
- (xi) District specifications mean the specification followed by the state Government in the area where the work is to be executed.
- (xii) Tender value means the value of the entire work as stipulated in the letter of award.
- (xiii) Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to the date of receipt of the tender.

Scope and Performance

3. Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
4. Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof the contract.
5. The contractor shall be furnished, (if demanded) one copy of contract document except standard specifications, Schedule of Rates and such other printed and published documents, together with drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

Work to be carried out

6. The work to be carried out under the contract shall except as otherwise provided in these conditions, include all labour, materials, tools and plants equipment and transport which may be required in preparation of and for and in the full entire execution and completion of the works. The description given in the schedule of quantities shall unless otherwise stated, be held to include wastage on materials, cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labour necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

Sufficiency of tender:

7. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the work and the percentage quoted in the schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.

Discrepancies and adjustment of Errors

8. The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions on preference to general conditions.

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

- i) Description of items given in Schedule of Quantities.
- ii) Technical Specification and Special Conditions.
- iii) Drawings.
- iv) C.P.W.D. Specifications.
- iv) Indian Standard Specifications of B.I.S.
- v) Decision of Engineer-in-Charge.

8.2 The contract or release the contractor from the execution of the whole or any part of the works comprised there in according to drawings and specifications or from any If there are varying or conflicting provision made in any one document forming part of the contract, the accepting authority shall be the deciding authority, with regard to the intention of the documents and his decision shall be final and binding on the contractor.

8.3 Any error in description quantity or rate in schedule of quantities or any omission there from shall not vitiate of his obligations under the contract.

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Commandant
N.E. Fr. HO, I.T.B.

Signature of Tenderer/s

Form of Performance Security (Guarantee) Bank Guarantee Bond

1. In consideration of the ITB Police (hereinafter called "DIG SHQ (LKB), ITBP, Likabali") having offered to accept the terms and conditions of the proposed agreement between ----- and ----- (hereinafter called "the said Contractor(s)") for the work ----- (hereinafter called "the said agreement") having agreed to production of a irrevocable Bank Guarantee for Rs.----- (Rupees ----- only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and condition in the said agreement.

We, --- (indicate the name of the Bank) --- (hereinafter referred as "the Bank") hereby undertake to pay to the ITBP an amount not exceeding Rs.----- (Rupees ----- only) on demand by the ITBP.

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

3. We, the said bank further undertake to pay the ITBP any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4. We, ----- (indicate the name of the Bank) -- further agree that the guarantee herein contained shall

remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the ITBP under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the ITBP certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, --- (indicate the name of the Bank) --- further agree with the ITBP that the ITBP

shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the ITBP against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the ITBP or any indulgence by the ITBP to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

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Signature of Tenderer/s

उपरोक्त कार्य के लिए प्रमाणित किया जाता है कि यह कार्य पूर्ण रूप से पूरा हुआ है।
N.E. Ft. HQ, I.T.B. Force

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

7. We, ---(indicate the name of the Bank) --- lastly undertake not to revoke this guarantee exceptwith the previous consent of the ITBP in writing.

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

Dated the ----- day of ----- for ---(indicate the name of the Bank)

Signature & Seal of Bank

Sig of CO (ENGR)

संयुक्त राज्य भारत
N.E. Fy. HQ, I.T.B. Force

Signature of Tenderer/s

FORM 'A'

FINANCIAL INFORMATION

- I. Financial Analysis-Details to be furnished duly supported by figures in balance sheet / profit & loss account for the last five years duly certified and audited by the Chartered Accountants, as submitted by the applicant to the Income Tax Department (Copies to be attached).

		YEARS				
		2021-22	2022-23	2023-24	2024-25	2025-26
(i)	Gross Annual Turnover on construction works					
(ii)	Profit/Loss (Standalone finance statement and consolidated statement both					

- II. Financial arrangements for carrying out the proposed work.

Signature of Chartered Accountant with Seal

Unique document identification number (UDIN).....

Signature of Bidder(s)

Sig of CO (ENGR) (बिना)

Commandant (ENGR)
उप-मुख्यालय, आ. नि. सं. पु. बल
N.E. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

FORM - "B"

AFFIDAVIT

I/we undertake and confirm that our firm/partnership firm and/or is not debarred by any state/Central Departments/PSUs/Autonomous bodies during the last 7 years of its operations. Further that, if such information comes to the notice of the department, then I/we shall be debarred for bidding in ITBP in future forever. Also, if such information comes to the notice of department on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee (Scanned copy of this notarized affidavit to be uploaded at the time of submission of bid)

NOTE: Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-

Signature of Bidder(s) or an authorized
Officer of the firm with stamp

Signature of Notary with seal

Note: In case of any litigation in process or in last seven years in completed / on-going works, the details of same should be furnished/ (scanned and uploaded at the time of submission of bid) in the following Format.

S. No	Name of work	Year	Details of litigations	Type of litigation	Status of litigation
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Signature of Bidder(s) or an authorized

Officer of the firm with stamp

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Special Conditions & Technical Specifications

1. "CPWD Specifications" wherever appearing in this document would mean Latest edition of CPWD specifications with correction slips issued up to the last date of receipt of tender.
2. GCC 2023 referred in this document is Govt of India Publication and is available in the market.
 - a) Form 7/8, forming part of 'GCC 2023' shall be superseded by this document.
 - b) Wherever "President of India" is appearing in the GCC 2023 same shall be read as ITBP.
 - c) Wherever Superintending Engineer is appearing in GCC 2023, it may be read as DIG/2IC (Engr) Engineer.
 - d) Wherever CPWD or PWD is appearing in GCC 2023, it may be read as ITBP.
3. Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, levels, depths, leads, lifts including shafts, machine room & stair cases. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour, materials, and other inputs involved in the execution of the items.
4. No foreign exchange shall be made available by the department for the purpose of procurement of equipment, plants, machinery, materials of any kind or any other items required to be carried out in execution of work.
5. The contractor or his authorized representative should always be available at the site of work to take instructions from Engineer in charge, and ensure proper execution of work.
6. No work shall commence in the absence of contractor's engineers and they shall certify in writing about the correctness of layout, alignment and shall ensure stability of all structural work such as partition panel and other related items.
7. All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of the ITBP and the same are not to be removed or taken away by the contractor or any other person without consent in writing of the Engineer-in-charge but the ITBP is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged by weather or otherwise.
8. The contractor shall execute the different items simultaneously, as far as possible, so that minimum breakage and repairs are involved.
9. The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of environment and waterways. He shall make good at his own cost and to the satisfaction of the Engineer-in-Charge, any damage to public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/users of adjoining buildings.

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10. All associated activities required for obtaining necessary clearances, permissions, approvals, all licenses etc. as required from all concerned authorities in respect of installation and commissioning shall be the responsibility of the contractor, the cost for which shall be deemed to be included in the rates for various items of work of Schedule of Quantities. However, actual statutory fee paid to the concerned authorities for obtaining approvals if any, shall be reimbursed by the ITB Police on production of proof of payment made by the Contractor.
11. The contractor shall be responsible for watch and ward of all the works, equipment and various materials till complete handing over of works.
12. Wherever any reference to any Indian Standards 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.
13. The site of work may be at one or more places and at any floor up to six levels for which nothing extra shall be paid.
14. Cess @ 1% of gross value of work done shall be deducted from the payment as per Construction Workers Welfare Cess Act 1996 besides other statutory deduction like income tax, GST etc.
15. **The contractor shall be fully responsible for rectifying the defect, which may happen during the use up to 12 Months from the date of completion of the work.** The decision of Engineer-in-Charge in this regard shall be final & binding. In case the contractor fails to carry out the said repairs, rectifications, replacement within the specified time, the department shall get there pairs / rectifications / replacement as considered necessary at the cost of the contractor by recovering the cost from the security deposit. In case additional expenditure is incurred by the department on this account, the same shall be borne by the contractor.
16. The percentage quoted by the contractor shall be all inclusive keeping in mind the specifications, special conditions and technical specifications and nothing extra shall be payable whatsoever, unless otherwise specified.
17. If the work is carried out in more than one shifts or during night to meet the time period of completion, nothing extra shall be paid on this account.
18. Contractor shall have to make own arrangement for water & electricity, otherwise 1% of gross amount shall be deducted from the dues of the contractor.
19. The contractor shall follow the instruction and restrictions imposed by the Administration / Police authorities on the working and movement of labour / material / vehicles etc and nothing extra shall be paid on this account. Contractor shall be responsible for getting necessary Clearances/passes from Police/other authorities before start of work.
20. All the materials are to be got approved from the Engineer-in-Charge before using the same in the work.
21. All items should comply Make in India (MII) Policy order 2017 dtd. 15.06.2017.
22. Agency shall ensure execution of work in accordance with specifications / nomenclature of work and preparation of surface shall be got checked and approved from Engineer -in charge.
23. Contractor will have to deposit G.S.T himself as per Govt. rule/norms and must submit the certificate to ITB Police

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PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (Enclosed) :- As per BOQ

SCHEDULE 'B'

Schedule of Materials to be issued to the contractor:-

S.N.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
Attached with tender form separately				

SCHEDULE 'C'

Tools and plants to be hired to the bidder- (Nil)

S.N.	Description	Hire charges per day	Place of issue
1	2	3	4
-----NIL-----			

SCHEDULE 'D'

Extra Schedule for Specific requirement/Documents for the work, if any :-Nil

SCHEDULE 'E'

Schedule of component of other Materials, Labour, POL etc. for price escalation: N.A.

SCHEDULE 'F'**(A) DETAILS OF ALL WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST FIVE YEARS ENDING LAST DAY OF THE MONTH**

S. No.	Name of work	organization	Cost of work (in Lacs)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/arbitration cases pending /in progress with details	Name and address/telephone number of officer to whom reference may be made about verification of certificates	Remarks
1	2	3	4	5	6	7	8	9	10

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(B) PROJECTS UNDER EXECUTION OR AWARDED

S. No.	Name of work	organization	Cost of work (in crore)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/arbitration cases pending/in progress with details	Name and address/telephone number of officer to whom reference may be made about verification of certificates	Remarks
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Certified that the above list of works is complete and no work has been left out and that the information given is correct to my knowledge and belief.

Signature of Bidder(s)

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Reference to General conditions of contract

Name of work:- " Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

- i)
- ii) Estimated cost of work :- Rs. 6,49,54,577/-
- ii) Earnest money :- Rs. 12,99,092/-
- iii) Performance guarantee :- **5% (Five Percent) of the Estimated cost put to tender (ECPT) or contract amount whichever is higher**, or as prescribed from time to time, to be submitted in the form as prescribed in GCC (in Schedule F). **Performance Guarantee shall remain valid for minimum period of Six months beyond the date of completion of all contractual obligations as per GCC.** In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.
- iv) **Additional Performance Guarantee (APG):-** Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be 0.8A-0.7A.) The additional Performance Guarantee (APG) shall be in the prescribed format of submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
- v) Security Deposit :- 2.5% of the tendered value of the work

General Rules & Directions :

- Officer Inviting Tender- :- CO/2IC (Engr) SHQ (LKB),ITBP
- 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 at appropriate clause under definitions
- 2 (v) Engineer-in-charge :- CO/2IC (Engr) SHQ (LKB),ITBP
- 2(viii) Accepting Authority :- DIG/CO (Engr)-N.E FTR ITBP
- 2(x) Percentage on cost of materials And Labour to cover all overheads and Profits. :- 15%

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- 2 (xi) Standard Schedule of Rates:- (DSR 2023 + Cost Index and market rates)
- 2(xii) Department :- Indo-Tibetan Border Police Force
- 9 (ii) Standard CPWD contract Form :- GCC 2023 ,CPWD form 7 as modified & corrected up to last date of submission of bid

Clause 1

(i) Time allowed for submission of Performance guarantee form the Date of issue of letter of acceptance :- 07 days

(ii) Time allowed for submission of Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or Proof of applying thereof from the date of issue of letter of acceptance. :- 15 days

(iii) Maximum allowable extension with late fee @ 0.10% per day of Performance Guarantee amount beyond the period provided in (i) above. :- 07 days

Clause 2 Authority for fixing compensation under clause 2 :- IG (Engr)/DIG (Engr), ITBP Force

Clause 2A Whether clause 2A shall be applicable :- Not Applicable

Clause 5

i) Number of days from the date of issue of Letter of acceptance for reckoning date of start :- 10 Days

ii) Time allowed for execution of work :- 24 Months

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

S.No.	Description of Milestone (s) (Financial)	Time allowed in days (From date of start).	Amount to be withheld in case of non-achievement of Mile Stone (s).
1.	Financial progress of the total cost 20%	06 Months	In the event of not achieving the milestone, 1% of the tendered value of work will be withheld for failure in achieving each mile stone subject to a maximum amount of 4%
2.	Financial progress of the total cost 50%	12 Months	
3	Financial progress of the total cost 75%	18 Months	

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4	Complete work i/c leveling, dressing etc. 100%	24 Months	
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Authority to decide

- a. Extension of time :- DIG/Comdt (Engr) NE FTR , ITBP
b. Rescheduling of milestones :- -do-
c. Shifting of date of start in case of delay in handing over of site :- -do-
d. Authority to give fair and reasonable extension of time for completion of work:- -do-

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:- Not applicable
to interim payment

Clause 7A :- Applicable

Clause 10A Material to be provided by the contractor:-Applicable, All onsite testing equipments required as per CPWD specifications, CPWD work manual and as per direction of Engineer in charge will be made available by contractor

Clause 10B Whether clause 10-B (ii) and 10-B (iii) shall be applicable :- Not applicable

Clause 10 C Component of labour expressed as Percentage of value of work :- Not Applicable

Clause 10 C A :-Not Applicable

Clause 10 C A :- Not applicable

Clause 10 CC Increase/Decrease in Price of materials/wage :- Not applicable

Clause 11. Specification should be followed for :- For Civil CPWDThe execution of the work specification 2019,Volumel& II, with up to date correction slip/manufacturer specification.

Clause 12 Type of Work :- Original

12.2 & 12.3 Deviation limit beyond which clause:- 30%

12.2 & 12.3 shall apply for building work/structural steel work

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12.5 Deviation limit beyond which clause 12.2 :- 100%
& 12.3 shall apply for foundation work/earth work

Clause 16 Competent Authority for deciding
reduced rates. :- IG/ DIG (Engr), ITBP

Clause 18 List of mandatory machinery, T & P to be :- As required for completion within time period
as per CPWD work manual deployed by
the contractor at site.

Clause 19

Clause 19C Authority to decide penalty for each default :- DIG / Comdt (Engr) N.E FTR
ITBP

Clause 19D Authority to decide penalty for each default :- DIG (/ Comdt Engr) N.E FTR
ITBP

Clause 19G Authority to decide penalty for each default :- DIG / Comdt (Engr) N.E FTR
ITBP

Clause 25 Constitution of Dispute Redressed
Committee (DRC):- DRC shall constitute one
Chairman and two members
Competent Authority to appoint DRC:- IG / DIG Engr Dte Gen ITBP.

Clause 32 Requirement of technical Representative(s)

	Minimum Qualification of Technical Representative	Number(of major + minor component)	Minimum experience (Years)	Designation Technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36 (i)
1	Graduate Engineer	01	05 years	Principal Technical Representative/ Project manager/ Site Engineer	Rs. 25,000/- per month per person
2	Graduate Engineer Or Diploma Engineer	01 01	02 Years 05 Years	Site Engineer	Rs. 15,000/- per month per person

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i)	a	Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates .	:-	DSR2023
ii)	Variations permissible on theoretical quantities			
a)	Cement for works with estimated cost put to tender not more than Rs. 5 lakhs.		:-	3% plus/minus
	For works with estimated cost put to Tender is more than Rs. 5 lakhs		:-	2% plus/minus
b)	Bitumen all works		:-	2.5% plus only & nil on minus side.
c)	Steel reinforcement and structural steel Sections for diameter, section and category.		:-	3% wastage
d)	All other materials		:-	Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

S.N	Description of item	Rates in figures and words at recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation.

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SAFETY CODE

1. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and hand-hold shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to $1\frac{1}{4}$ horizontal and 1 vertical.)
2. Scaffolding of staging more than 3.6 m (12ft.) above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3ft.) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends there of with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
3. Working platforms, gangways and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6 m (12ft.) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as described in (2) above.
4. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of person or materials by providing suitable fencing or railing whose minimum height shall be 90 cm. (3ft.)
5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30ft.) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11½") for ladder upto and including 3 m. (10 ft.) in length. For longer ladders, this width should be increased at least $\frac{1}{4}$ " for each additional 30 cm. (1 foot) of length. Uniform step spacing of not more than 30 cm shall be kept. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites or work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit; action or proceedings to any such person or which may, with the consent of the contractor, be paid to compensate any claim by any such person.
6. (a) Excavation and Trenching - All trenches 1.2 m. (4ft.) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 ft.) in length or fraction thereof, Ladder shall extend from bottom of the trench to at least 90 cm. (3ft.) above the surface of the ground. The side of the trenches which are 1.5 m. (5ft.) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 m. (5ft.) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances, undermining or undercutting shall be done.
- (b) Safety Measures for digging bore holes:-
 - (i) If the bore well is successful, it should be safely capped to avoid caving and collapse of the bore well. The failed and the abandoned ones should be completely refilled to avoid caving and collapse;
 - (ii) During drilling, Sign boards should be erected near the site with the address of the drilling contractor and the Engineer in-charge of the work;
 - (iii) Suitable fencing should be erected around the well during the drilling and after the installation of the rig on the point of drilling, flags shall be put 50m around the point of drilling to avoid entry of people;

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- (iv) After drilling the borewell, a cement platform (0.50m x 0.50m x 1.20m) 0.60m above ground level and 0.60m below ground level should be constructed around the well casing;
- (v) After the completion of the borewell, the contractor should cap the bore well properly by welding steel plate, cover the bore well with the drilled wet soil and fix thorny shrubs over the soil. This should be done even while repairing the pump;
- (vi) After the borewell is drilled the entire site should be brought to the ground level.
7. Demolition - Before any demolition work is commenced and also during the progress of the work,
- (i) All roads and open areas adjacent to the work site shall either be closed or suitably protected. (ii) No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.
- (iii) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.
8. All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned:- The following safety equipment shall invariably be provided.
- (i) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
- (ii) Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes, shall be provided with protective goggles.
- (iii) Those engaged in welding works shall be provided with welder's protective eyeshields.
- (iv) Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- (v) When workers are employed in sewers and manholes, which are in active use, the contractors shall ensure that the manhole covers are opened and ventilated atleast for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public. In addition, the contractor shall ensure that the following safety measure are adhered to :-
- (a) Entry for workers into the line shall not be allowed except under supervision of the JE or any other higher officer.
- (b) At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manhole for working inside.
- (c) Before entry, presence of Toxic gases should be tested by inserting wet lead acetate paper which changes colour in the presence of such gases and gives indication of their presence.
- (d) Presence of Oxygen should be verified by lowering a detector lamp into the manhole. In case, no Oxygen is found inside the sewer line, workers should be sent only with Oxygen kit.
- (e) Safety belt with rope should be provided to the workers. While working inside the manholes, such rope should be handled by two men standing outside to enable him to be pulled out during emergency.
- (f) The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind. Proper warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.
- (g) No smoking or open flames shall be allowed near the blocked manhole being cleaned.
- (h) The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.
- (i) Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-in-Charge shall decide the time up to which a worker may be allowed to work continuously inside the manhole.
- (j) Gas masks with Oxygen Cylinder should be kept at site for use in emergency.

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(k) Air-blowers should be used for flow of fresh air through the manholes. Whenever called for, portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparking gas engines also could be used but they should be placed at least 2 metres away from the opening and on the leeward side protected from wind so that they will not be a source of friction on any inflammable gas that might be present.

(l) The workers engaged for cleaning the manholes/sewers should be properly trained before allowing to work in the manhole.

(m) The workers shall be provided with Gumboots or non sparking shoes bump helmets and gloves non sparking tools safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.

(n) Workmen descending a manhole shall try each ladder stop or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.

(o) If a man has received a physical injury, he should be brought out of the sewer immediately and adequate medical aid should be provided to him.

(p) The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-in-Charge regarding the steps to be taken in this regard in an individual case will be final.

(vi) The Contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precaution should be taken:-

(a) No paint containing lead or lead products shall be used except in the form of paste or ready made paint.

(b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint is dry rubbed and scrapped.

(c) Overalls shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during and on the cessation of work.

(vii) Workmen executing work on scaffolds or other structures above specified height shall be provided with full body harness and fall arresters. 9. An additional clause

(viii) (i) of Central Public Works Department Safety Code (iv) the Contractor shall not employ women and men below the age of 18 on the work of painting with product containing lead in any form, wherever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use : (i) White lead, sulphate of lead or product containing these pigment, shall not be used in painting operation except in the form of pastes or paint ready for use.

(ii) Measures shall be taken, wherever required in order to prevent danger arising from the application of a paint in the form of spray.

(iii) Measures shall be taken, wherever practicable, to prevent danger arising out of from dust caused by dry rubbing down and scraping.

(iv) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.

(v) Overall shall be worn by working painters during the whole of working period.

(vi) Suitable arrangement shall be made to prevent clothing put off during working hours being spoiled¹³ by painting materials.

(vii) Cases of lead poisoning and suspected lead poisoning shall be notified and shall be subsequently verified by medical man appointed by competent authority of C.P.W.D PWD(DA).

(viii) C.P.W.D./PWD (DA) may require, when necessary medical examination of workers.

(ix) Instructions with regard to special hygienic precautions to be taken in the painting trade shall be distributed to working painters.

10. When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any

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person in danger and adequate provision, should be made for prompt first aid treatment of all injuries likely to be obtained during the course of the work.

11. Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions :-

(i) (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept repaired and in good working order.

(b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.

(ii) Every crane driver or hoisting appliance operator, shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to operator.

(iii) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load each safe working load and the condition under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.

(iv) In case of departmental machines, the safe working load shall be notified by the Electrical Engineer-in-Charge. As regards contractor's machines the contractors shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.

12. Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The worker should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.

13. All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.

14. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.

15. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer or Engineer-in-Charge of the department or their representatives.

16. Notwithstanding the above clauses from (1) to (15), there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.

Sig of CO (ENGR)

Commandant (ENGR)
उप मुख्य मन्त्रालय, ए. ए. ई. ए. ए.
N.E. Ftr. HQ, I.T.B., Force

Signature of Tenderer/s

Name of work: "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR)

SCHEDULE OF QUANTITY

S N	Particulars of Items	Unit	Qty	Rate	Amount
1	(A) Consultancy of structural and engineering design including elevation, side elevation, and sectional elevations, structural drawing (Reinforcement design), working drawing, foundation design & details, plumbing details, electrical details, sanitation details, sewerage & development works design. (B) Vetting of structural design by any Indian Institute of Technology (IITs)/National Institute of Technology (NIT) or any govt institute. (C) Consultant/firm will also carried out digital survey and soil investigation of BOP land and prepared LOP with layout of all existing buildings, proposed buildings and future developments works. (D) Consultant/firm will also submit 3D view Drawings in 04 sets and 2 set of copies in pen drive.	Job	1.00	774260.00	774260.00
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 Sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. All kinds of soil	Cum	4188.24	275.10	1152184.82
3	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	Cum	75.00	407.70	30577.50
4	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil : Pipes, cables etc. Pipes, cables etc, not exceeding 80 mm dia.	Mtr	250.00	189.05	47262.50
5	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 and for all lift.	Cum	258.80	146.20	37836.56

Sig of CO (ENGR) (महसुली)

Commandant (Engr)
मुख्यालय, आर.सी.पो. बंद
NE HQ, ITB, Force

Signature of Tenderer/s

6	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil.	Cum	210.17	93.65	19682.42
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	39.98	25427.75	1016601.45
8	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) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	305.67	8389.75	2564494.88
9	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete. 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cum	27.81	13835.30	384759.69
10	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	Sqm	92.70	550.55	51035.99
11	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) over 75 mm bed by dry brick ballast 40 mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth	Sqm	63.60	912.75	58050.90

Sig of CO (ENGR)

Commandant (ENGR)
उप मुख्य अधिकारी, न. ए. फ. बल
N.E. Ft. HQ, I.T.B. Force

Signature of Tenderer/s

12	Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. Concrete of M25 grade with minimum cement content of 300 kg /cum.	Cum	137.43	13431.35	1845870.43
13	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	Sqm	2883.48	434.10	1251718.67
14	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	Sqm	447.14	889.90	397909.89
14a	Centering and shuttering including strutting, propping etc. and removal of form for Shelves (Cast in situ)	Sqm	204.48	889.90	181966.75
15	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	359.32	740.35	266022.56
16	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	306.56	964.80	295769.09
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	53174.57	150.45	8000114.06
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.	Kg	18956.97	150.45	2852076.14

Sig of CO (ENGR)

Commandant (ENGR)

उप मुख्य अधिकारी, आर. ए. ई. ए. ए. ए.
N.E. Fr. HQ, I.T.B. Force

Signature of Tenderer/s

19	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level : Concrete of M35 grade with minimum cement content of 370 kg /cum</p>	Cum	716.91	14664.30	10512983.31
20	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level. Concrete of M30 grade with minimum cement content of 350 kg /Cum</p>	Cum	170.43	14831.25	2527689.94

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उप मुख्य अधिकारी, एन. ई. फोर्स, गुवाहाटी

N.E. Ft. HQ, I.T.B., Force

Signature of Tenderer/s

21	Providing and laying, Autoclaved Aerated concrete(AAC) blocks masonry with 150mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	Cum	211.97	13519.30	2865686.02
21a	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand	Cum	476.79	7601.75	3624438.38
21b	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	Sqm	762.50	1438.25	1096665.63
22	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red Area of slab over 0.50 sqm	Sqm	62.76	7157.40	449198.42
23	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	Mtr	88.30	489.85	43253.76

Sig of CONENGR)

Signature of Tenderer/s

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24	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	4.00	895.40	3581.60
25	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	Sqm	62.76	435.65	27341.39
26	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.	Sqm	291.00	1651.05	480455.55
27	Float glass panes 4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	116.73	2413.15	281687.00
28	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	52.29	5119.95	267722.19
29	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	107.10	740.60	79318.26
30	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete : 125x64x2.50 mm	Each	64.00	186.45	11932.80
31	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete : 100x60x2.50 mm	Each	100.00	148.85	14885.00
32	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete : 75x50x2.50 mm	Each	31.00	121.40	3763.40
33	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	Each	26.00	699.45	18185.70
34	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 150x10 mm	Each	33.00	452.00	14916.00
35	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm	Each	90.00	406.65	36598.50

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Signature of Tenderer/s

Commandant (P)
NE FT. HQ. I.T.O.

36	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	37.00	192.95	7139.15
37	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	Each	29.00	1706.25	49481.25
38	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	Each	18.00	1259.80	22676.40
39	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Double strip (horizontal type)	Each	124.00	63.30	7849.20
40	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately. Note:- Structural design proof checked	Sqm	90.89	15552.05	1413525.82

Sig of CO-ENGR

Signature of Tenderer/s

निगादी (अभियंता)
 इ.स. २०१७ म. २०२० म. २०२० म.
 NE Ft. HQ, I.T.S. Engrs

	<p>from a Government Engineering Institute, to be provided by the manufacturer for :</p> <p>(i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3</p> <p>(ii) Sites with structure height more than 20m for all wind speeds</p> <p>Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.</p> <p>Using R3 series with frame (98mm & above) x (40mm & above) & both glazed and fly screen sash (30mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height upto 1.8m).</p>				
41	<p>Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.</p> <p>Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately. Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for :</p>	Sqm	6.12	17753.90	108653.87

Sig of CO (ENGR)

Signature of Tenderer/s

	<p>(i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3</p> <p>(ii) Sites with structure height more than 20m for all wind speeds</p> <p>Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking zinc alloy (zamak) powder coated handles.</p> <p>Using R2 series with frame (39mm & above) x (39mm & above) & sash / mullion (39mm & above) x (60mm & above). (Height upto 1.2 metre)</p>				
42	<p>Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge.</p> <p>Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately. Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for :</p> <p>(i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3</p> <p>(ii) Sites with structure height more than 20m for all wind speeds</p>	Sqm	19.89	18152.95	361062.18

Sig of CO (ENGR)

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N.E. Ft. HQ, I.T.B. Force

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	<p>Casement door single panel with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder coated handles on both sides.</p> <p>Using R3 series with frame (55 mm & above) x (50mm & above) & sash (55 mm & above) x (85mm & above) (Height upto 2.5 metre).</p>				
43	Providing and fixing stainless steel fancy handle of approved make fixed with SS screws etc. complete as per direction of Engineer-in-charge. 200 mm	Each	72.00	294.35	21193.20
44	Providing and fixing stainless steel soft closing spring hinges at 0 degree hinges (hydraulic type) of approved make/brand to cupboard shutters with full threaded steel screws including making necessary recess in board and finished etc. complete as per direction of Engineer-in-charge.	Each	40.00	431.10	17244.00
45	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer- in-charge.	One set	8.00	1418.50	11348.00



Sig of CO (ENGR)

ॐ. सिमाना (अभिप्रेता)

Commandant (Frig)

सुपु. अतिरिक्त मुख्यालय, एन. ई. एफ. फ्रिज

N.E. Fr. HQ, I.T.B. Frig

Signature of Tenderer/s

46	Providing and fixing ready made 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in-charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately)	Kg	25.00	811.70	20292.50
47	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	Kg	13005.44	255.30	3320288.83
48	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	430.00	1113.95	478998.50
49	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Double charge vitrified tile polished finish of size Size of Tile 600 x 1200 mm	Sqm	303.34	2232.40	677176.22



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50	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 1200 mm	Sqm	74.20	2584.30	191755.06
51	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	Mtr	144.00	290.80	41875.20
52	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm 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.	Sqm	590.72	1094.80	646720.26
53	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50mm (base metal of minimum 0.45mm 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 using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	Mtr	160.00	747.15	119544.00
54	12 mm cement plaster of mix : 1:6 1:6 (1 cement: 6 fine sand)	Sqm	1280.26	333.50	426966.71
55	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 fine sand)	Sqm	302.02	386.05	116594.82
56	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	1582.28	269.40	426266.23

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56a	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush / Ruled pointing	Sqm	135.00	347.05	46851.75
57	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre Two or more coats on new work	Sqm	1233.18	160.20	197555.44
58	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 @ 0.90 litre/10 sqm)	Sqm	406.66	167.75	68217.22
59	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	73.17	148.85	10891.35
60	75 mm thick back filling for pitching including supplying of required materials and consolidation etc. complete with : Stone aggregate 40 mm nominal size	Cum	1232.80	209.45	258209.96
61	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	0	3.00	8232.00	24696.00
62	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	Each	7.00	10372.30	72606.10
63	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Each	11.00	7728.20	85010.20
64	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	13.00	2696.45	35053.85

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65	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board 510x1040 mm bowl depth 250 mm	Each	2.00	9746.70	19493.40
66	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	Each	2.00	11118.25	22236.50
67	Providing and fixing P .V .C. waste pipe for sink or wash basin including P .V .C. waste fittings complete. Semi rigid pipe 32 mm dia	Each	13.00	165.90	2156.70
68	Providing and fixing P .V .C. waste pipe for sink or wash basin including P .V .C. waste fittings complete. Semi rigid pipe 40 mm dia	Each	1.00	186.65	186.65
69	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Oval shape 450x350 mm (outer dimensions)	Each	15.00	1592.20	23883.00
70	Providing and fixing toilet paper holder : C.P. brass	Each	10.00	1021.15	10211.50
71	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989	Each	22.00	2357.10	51856.20
72	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes	Mtr	250.00	504.05	126012.50
73	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 20 mm nominal dia Pipes	Mtr	300.00	298.65	89595.00
74	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 40 mm dia nominal bore	Mtr	300.00	835.85	250755.00
75	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 40 mm nominal bore	Each	8.00	1322.75	10582.00

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76	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Each	6.00	741.45	4448.70
77	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length- 15 mm nominal bore	Each	6.00	157.20	943.20
78	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Per Itr	3000.00	18.00	54000.00
79	Providing and fixing C.P. brass bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	11.00	811.55	8927.05
80	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 nominal bore	Each	4.00	1280.50	5122.00
81	Providing and fixing C.P . brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm nominal bore	Each	9.00	919.55	8275.95
82	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	11.00	4404.50	48449.50
83	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) 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 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	14.00	19536.30	273508.20



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83a	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Nos	4.00	43240.70	172962.80
84	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. Frame size 45 x 85 mm	Mtr	69.30	1361.85	94376.21
85	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 30 mm thick	Sqm	22.05	6800.85	149958.74

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86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminated with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel piano hinges/soft close clip on concealed hinges and necessary S.S screws shall be paid separately) 25 mm thick	Sqm	57.65	6066.00	349704.90
87	Providing and fixing SS robe hook inspired by bold geometry of the Rubik's cube with necessary screws and making walls good. Suitable for hanging of cloths upto 5 Kg, minimum two hooks on cube.	Each	4.00	690.60	2762.40
88	Providing and fixing SS towel ring with necessary screws and making wall good. The ring should be wall mounted and suitable for hanging of towel/ cloths upto 5 Kg.	Each	3.00	822.55	2467.65
89	Providing and fixing SS soap dish holder with froasted glass and with necessary screws and making wall good. The item should be wall mounted and suitable 150 Gm soap.	Each	3.00	864.80	2594.40
90	Providing and fixing SS liquid soap container (froasted glass container) and with necessary screws and making wall good. The item should be wall mounted and suitable 250 ML soap.	Each	11.00	970.40	10674.40
91	Providing and fixing SS towel rail with necessary screws and making wall good. The item should be wall mounted and suitable for hanging cloths/ towel upto 3 KG.	Each	3.00	1033.70	3101.10
92	Providing and fixing Glass Shelf with necessary screws and making wall good. The item should be wall mounted with a concealed screws and SS railing on front to guard soap or other toiletries items.	Each	13.00	1878.35	24418.55
93	Providing and fixing Shower rose suitable for hot and cold water flow in foaming form. The item should be wall mounted with a concealed screws.	Each	2.00	1192.10	2384.20

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94	Providing, fitting and fixing SS Health Faucet complete as directed and specified.	Each	10.00	991.50	9915.00
95	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length . Local wood	Cum	2.21	212159.85	468873.27
96	Providing and fixing soil, waste and vent pipes for underground sewerage unplasticised - PVC moulded sewerage pipes conforming to IS : 13592 Type A, including jointing with Coupler, leaving 10 mm gap for thermal expansion. 160 mm dia : 4.0 mm thick.	Mtr	300.00	320.85	96255.00
97	Providing and fixing soil, waste and vent pipes for open drainage unplasticised - PVC moulded sewerage pipes conforming to IS : 13592 Type A, including jointing with Coupler , leaving 10 mm gap for thermal expansion. 110 mm dia : 4.0 mm thick.	Mtr	140.00	191.40	26796.00
98	Providing and fixing unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, leaving 10 mm gap for thermal expansion. plain bend of required degree with door 110 mm dia : 4.0 mm thick.	Each	14.00	282.00	3948.00
99	Providing and fixing unplasticised - PVC moulded fittings/ accessories for unplasticised PVC sewerage pipes conforming to IS : 13592 Type A , leaving 10 mm gap for thermal expansion. plain bend of required degree without 110 mm dia : 4.0 mm thick.	Each	14.00	229.20	3208.80
100	Providing and fixing unplasticised - PVC moulded fittings/ accessories for unplasticised PVC sewerage pipes conforming to IS : 13592 Type A, leaving 10 mm gap for thermal expansion. Single tee with door 110 mm dia : 4.0 mm thick.	Each	12.00	323.05	3876.60
101	Providing and fixing unplasticised - PVC moulded fittings/ accessories for unplasticised PVC sewerage pipes conforming to IS : 13592 Type A, leaving 10 mm gap for thermal expansion. Single tee with door 110x110x110 mm dia : 4.0 mm thick.	Each	12.00	270.25	3243.00
102	Description: Providing and fixing insulated wall panelling consisting of Local Pine Wood framework of size 30mm x 60mm x 50mm (spacers/blocks), with 50mm(1.22x1.52) thick Resin Bonded Rock Wool (Density 48 kg/m ³) for thermal insulation as per IS: 8183, secured with crossing GI wire. Finishing with 20mm thick Laminated Particle Board of approved quality and shade, including all screws, adhesives, and labor for fixing in position as per direction of Engineer-in-charge.	Sqm	345.49	2505.10	865487.00



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102a	Description: Providing and fixing insulated ceiling panelling consisting of Local Pine Wood framework of size 30mm x 60mm x 50mm (spacers/blocks), with 50mm(1.22x1.52) thick Resin Bonded Rock Wool (Density 48 kg/m ³) for thermal insulation as per IS: 8183, secured with crossing GI wire. Finishing with 09mm thick Laminated Particle Board of approved quality and shade, including all screws, adhesives, and labor for fixing in position as per direction of Engineer-in-charge.	sqm	334.44	2372.85	793575.95
103	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required. Group A	Point	110.00	1451.00	159610.00
104	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required. Group B	Point	60.00	1791.00	107460.00
105	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required. Group C	Point	30.00	2185.00	65550.00
106	Wiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	25.00	2483.00	62075.00
107	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Mtr	8.00	551.00	4408.00
108	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as	Mtr	4.00	911.00	3644.00

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	required.				
109	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Mtr	40.00	370.00	14800.00
110	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr	61.00	401.00	24461.00
111	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr	42.00	551.00	23142.00
112	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Mtr	70.00	67.00	4690.00
113	Supply and fixing of following size of PVC conduit alongwith the accessories in recess including cutting the wall and making good the same in case of recessed, conduit as required: 20 mm	Mtr	120.00	179.00	21480.00
114	Supply and fixing of following size of PVC conduit alongwith the accessories in recess including cutting the wall and making good the same in case of recessed, conduit as required: 25 mm	Mtr	120.00	190.00	22800.00
115	Supply and fixing of following size of PVC conduit alongwith the accessories in recess including cutting the wall and making good the same in case of recessed, conduit as required: 32 mm	Mtr	110.00	255.00	28050.00
116	Supply and fixing of following size of PVC conduit alongwith the accessories in recess including cutting the wall and making good the same in case of recessed, conduit as required: 40 mm	Mtr	110.00	320.00	35200.00
117	Supply and fixing of following size of PVC conduit alongwith the accessories in recess including cutting the wall and making good the same in case of recessed, conduit as required: 50 mm	Mtr	50.00	410.00	20500.00
118	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 2 way 5/6 A switch	Each	48.00	210.00	10080.00
119	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 15/16 A switch	Each	64.00	222.00	14208.00

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120	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 3 pin 5/6 A socket outlet	Each	36.00	177.00	6372.00
121	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 15/16 A socket outlet	Each	20.00	289.00	5780.00
122	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Telephone socket outlet	Each	3.00	210.00	630.00
123	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. TV antenna socket outlet	Each	3.00	210.00	630.00
124	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Bell push	Each	6.00	196.00	1176.00
125	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	18.00	555.00	9990.00
126	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	26.00	56.00	1456.00
127	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 1 or 2 Module (75mmX75mm)	Each	21.00	371.00	7791.00
128	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 3 Module (100mmX75mm)	Each	15.00	417.00	6255.00
129	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 4 Module (125mmX75mm)	Each	19.00	443.00	8417.00
130	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 6 Module (200mmX75mm)	Each	13.00	538.00	6994.00
131	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	120.00	110.00	13200.00
132	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	Each	3.00	140.00	420.00



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133	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Point	9.00	1056.00	9504.00
134	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	Point	34.00	137.00	4658.00
135	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator): 8 way, Double door	Each	12.00	3924.00	47088.00
136	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	Each	35.00	374.00	13090.00
137	Supplying and fixing 5 amps. to 32 amps. Rating, 240/415 volts, 50Hz, 10KA 'G' series, miniature circuit breaker (suitable for motor and other inductive loads and conforming to IS 8828: 1996, IEC 60898: 2002) of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole	Each	13.00	1007.00	13091.00
138	Supply and installation of blanking plates in all types of DBs.	Each	24.00	19.00	456.00
139	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A	Each	15.00	662.00	9930.00
140	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 25 A	Each	15.00	3215.00	48225.00
141	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. with charcoal/ coke and salt as required.	Each	5.00	20738.00	103690.00
142	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 Eachs of brass nut bolt & spring washer spaced at 50mm)	Mtr	14.50	1538.00	22301.00

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143	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection / terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Mtr	190.00	212.00	40280.00
144	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	Each	8.00	663.00	5304.00
145	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	Mtr	190.00	165.00	31350.00
146	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	Mtr	65.00	242.00	15730.00
147	LED Down lighter (SMD Type) (System lumen efficacy >135lm/Watt) Supplying, Installation, Testing & Commissioning of LED Recessed/surface Down lighter (Round /square/Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 Hz, Operating temp range - 5 °C to 40 °C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI ≥80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K/ 4000° K /5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). 12-15 watt	Each	60.00	1006.00	60360.00

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148	<p>LED Down lighter (COB Type) (System lumen efficacy ≥ 120 lm/Watt) Supplying, Installation, Testing & Commissioning of LED Recessed/surface Down lighter (Round / square/ Rectangular) COB Type of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency $> 85\%$, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5°C to 40°C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD $< 10\%$, P. F. ≥ 0.95, IP20, CRI ≥ 80, UGR (Unified Glare Rating) < 19, Flicker free (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) < 3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab Eachup for all testing facilities for LED fixtures. "complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥ 120 < 135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body including trim with Aluminium Reflector 12 -15 watt</p>	Each	26.00	1669.00	43394.00
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149	<p>LED Batten light (System lumen efficacy >135 lm/Watt) Supplying, installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5 °C to 40 °C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI ≥80, Flicker free (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body (Thickness ≥ 1.20 mm) 18- 22 Watt</p>	Each	51.00	1053.00	53703.00
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149a	<p>Solar outdoor LED light: Supplying, installation, Testing & Commissioning of the integrated type solar PV lighting system on the existing pole structure, comprising of 30 watt, 6V Mono Passivated Emitter and Rear Contact (PERC) Solar Panel (minimum efficiency 21%), Pulse with modulation (PWM)/Maximum Power point tracking (MPPT) charge Controller in the box with a sleek appearance and a sturdy structure, is weather-proof, and is simple to install, With Lithium- Iron Phosphate Battery (LiFePO4), charging time 8-10 hours, Battery backup time 12 hours (minimum), LED fixture watt 30 watt, Input voltage: 12V DC , Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%, IP-66,IK-08, CRI >70 , under voltage and over voltage protection, Electro Magnetic Interference (EMI) Electro Magnetic Compatibility (EMC) As per CISPER 15 A, lenses for beam angle as per Illuminating Engineering Society of North America (IESNA) type I/II/III as per the width of the road and the project requirement, Correlated Colour Temperature (CCT) 5700°K (As per American National Standard Institute (ANSI Bin)) , life time (LED,Driver & electrical circuitary) of 50K hours lamp burning hours till the 70 % of initial Lumen maintained as per LM80 extrapolation IES TM-21-11 report, automatic swich on/off, Alluminium or Acrylonitrile Butadiene Styrene (ABS body), can be installed on a pole or wall. System lumen efficacy >120 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. All as per pre approved by Engineer in-charge complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required, complete with mounting structure for the battery and accessories suitable for withstand wind storm speed as per the site location. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). 30 Watt (System lumen efficacy >120 lm/Watt)</p>	Each	60.00	45458.00	2727480.00
149b	<p>Providing and fixing 50 mm dia X 3.2 metres G.I. pipe (including accessories) complete with 50 mm X 50 mm X 6 mm angle iron bracket on wall and 75 mm X 90 mm shackle insulator with straps for house service connection including painting the angle and flat iron with primer and finish paint etc. as required.</p>	Each	60.00	8700.00	522000.00



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150	Brush Less Direct Current (BLDC) Fan with Remote Supply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal (Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 0C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply, Ceiling Fan compliant to IS 374:2019 fan i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required. 1200mm, service value \geq 6.0 CM/Min/Watt, air delivery 210 CM/Min (Minimum)	Each	20.00	4286.00	85720.00
151	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	Mtr	350.00	453.00	158550.00
152	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.. 3½ X 25 sq. mm (28mm)	Each	34.00	409.00	13906.00
153	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 X 35 sq. mm (32mm)	Each	34.00	484.00	16456.00
154	Providing and fixing PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering. Note : Cost of trays, trenches of excavation will be paid extra under different heads but the rates quoted above will be inclusive of laying, dressing saddling while providing on cable trays, laying, dressing saddling while laying in masonry trenches and laying, dressing, providing sand cushioning and including brick protection while buried directly in ground. 4 x 35 sq.mm Al. XLPE Arm. Cable	Mtr	650.00	483.45	314242.50



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155	Supply, installation, testing and commissioning of single phase, Fresh Air Fans / Heavy duty Exhaust Fans with all necessary supports All complete with labour and materials as per drawings, specifications and directions of Engineer-in-Charge.. NOTE: Necessary civil works required for fixing the exhaust fans shall be in the scope of Contractor. Fress air fan with louver shutter 450 sweep	Each	17.00	2562.45	43561.65
156	Supplying & installation of following capacity vertical type Geysers ISI 5 Star rating with glassline tank on the existing wall with the help of fastener i/c testing & commissioning, credit the cost of dismantled material etc. complete as required. 25 Ltr	Each	13.00	15323.35	199203.55
157	<p>Supplying, Unloading, shifting, Installation at proposed location, testing and commissioning of LT Panel size 4'6"x3'x1' and frame 16 SWG fully powder coated/enamel painted after seven tank treatment. This will be floor mounted/wall mounted, double door, out door duty, dust proof, vermin proof, front operated, electrical panel fabricated as per specifications laid in this document and will be complete with the main and auxiliary bus bars, interconnection, earth bus and will be powder coated finish with 70 micron thickness. The HVAC Panel shall use all MCCB's suitable for 415 V AC, 3 phase, 50 Hz, 3 phase 4 wire supply system. Each incoming breaker will have microprocessor based releases and all outgoing breaker will have minimum electrostatic releases. The Panel will be made as per detailed specifications & drawings forming part of this document. (Each MCCB will be variable current setting from front, with front extended lockable handle, pad lockable in off position, indication light for ON, shrouding on incomer side, termination shall be suitable for aluminium bus bars.)</p> <p>Incomer:-</p> <p>A) 1 No 100A TPN feeder each having one no 100A 4P MCCB 38 KA</p> <p>B) 1 No volt meter with selector switch 3 nos indicating lights</p> <p>C) 1 No Ampere meter with selector switch, matching CT's.</p> <p>D) TPN Aluminium bus bar rated for 300A (after considering all necessary deratings) 3 phase 4 wire, 50Hz. A minimum derating factor of 0.66 must be taken for calculation of bus bar sizes. The bus bar size after derating shall be equal to the ampere given in the BOQ The conductivity of bus bar shall not be less than 58% and earth bus size shall be 10% of phase bus bar.</p> <p>Outgoings:-</p>	Each	4.00	98828.65	395314.60

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	<p>A) 2 Nos 63A TPN feeder each having one no. 63A 4P MCCB 38 KA</p> <p>B) 2 Nos 40A TPN feeder each having one no. 40A 4P MCB 38 KA</p> <p>C) Set of suitable load capacitor bank , Other items such as Lot of control wiring, 1 Set of designation plates</p>				
158	<p>CHEST FREEZER 100 LTRS 1. Typically around 45-50 cm (W) x 50-55 cm (D) x 82-85 cm (H).</p> <p>2. Generally ranges from 20 kg to 27 kg.</p> <p>3. Rated power is often between 50W and 100W. Annual energy consumption for 3-star models can be as low as 186 kWh or approximately 0.5-0.8 units per day.</p> <p>4. Standard 220V-240V AC at 50Hz, with many models offering stabilizer-free operation between 140V and 260V.</p> <p>5. : Commonly uses eco-friendly R600a or R134a.</p> <p>6. Usually includes 2 to 3 shelves (often toughened glass or wire), a separate vegetable tray/crisper, and dedicated bottle storage for 2L bottles on the door.</p> <p>7. Most utilize a direct-cool system with a dedicated chiller tray or a small top freezer compartment.</p> <p>8. Features often include reversible doors for flexible placement, adjustable temperature control, and built-in LED interior lighting.</p> <p>9. : Many models incorporate an anti-bacterial removable gasket to prevent mold and bacterial growth.</p>	Each	1.00	18183.30	18183.30
159	<p>S.S RACK 5-TIER. Complete s.s construction , shelves to be made of 20swg s.s sheet. The rack to have 5nos shelves to be placed at equal distance. Shelves to be duly welded with s.s vertical pipes with adjustable feet. 900X450X1800</p>	Each	1.00	21116.05	21116.05
160	<p>TWO BURNER COOKING RANGE. Top to be made of 16swg 304 grade ss sheet. Frame work to be made of MS angle frame work mounted on s.s vertical pipes with adjustable feet. The unit to have 1nos under shelf. The range to have 2nos pan support of approx size - 15x15 inches. 1100X600X850+150</p>	Each	1.00	17596.70	17596.70
161	<p>EXHAUST HOOD Kitchen Hood With Autoclean Technology, Filterless FOR BURNER. Complete s.s construction. The exhaust to have Filterless Technology including Ducting work , exhaust hood hanging exhaust hood.370 (L) x 600 (W) x 900 (H)</p>	Each	1.00	23307.80	23307.80
162	<p>P/F Sofa having flexing-back lounge seating system standing on beam with side frame assemblies. Having Connecting Beam assembly which is a fabricated assembly made by welding MS. square pipe 6.0 cm. x 6.0 cm. x 10 BG. thick. to 0.5cm. thick HR. Steel plate on each side for fixing the moulded side frame assembly. The connecting beam assembly is black</p>	Each	1.00	70245.10	70245.10

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	<p>powder coated. The seat rest assembly consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 23 - 27 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded seat rest assembly is covered with a replaceable fabric upholstery cover. SEAT SIZE: 52.0cm.(W) x 50.0cm.(D) x 6.0cm.(T) Approx. The backrest assembly is flexing type and consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 16 - 20 Kgs. on Hampden m/c. for 25% compression of the foam. (Godrej model petal) The complete moulded backrest assembly is covered with a replaceable fabric upholsterycover BACK SIZE: 52.0cm.(W) x 57.0cm.(H) x 12.0cm.(T) Approx. The side frameassembly, which forms the armrest assembly, is fitted to the two ends of the connecting beam assy. to form the leg-cum-armrest assembly. It consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/-2 Kg./cm³. The hardness of the P.U. foam = 16 - 20 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded side frame assembly is covered with a replaceable fabric upholstery cover. SIDEFRAME (ARMREST) SIZE: 63.0cm.(D) x 58.0cm.(H) x 12.0cm.(T) Approx. The adjustable glide is injection moulded in black ABS and is used for level adjustment of the sofa on uneven floor surface. It is fitted to the side frame assembly. (shop drawings to be given by the contractor and design to be approved by Engineer -in- charge.) 3 Seater Sofa</p>				
163	<p>P/F Sofa having flexing-back lounge seating system standing on beam with side frame assemblies. Having Connecting Beam assembly which is a fabricated assembly made by welding MS. square pipe 6.0 cm. x 6.0 cm. x 10 BG. thick. to 0.5cm. thick HR. Steel plate on each side for fixing the moulded side frame assembly. The connecting beam assembly is black powder coated. The seat rest assembly consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 23 - 27 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded seat rest assembly is covered with a replaceable fabric upholstery cover. SEAT SIZE: 52.0cm.(W) x 50.0cm.(D) x 6.0cm.(T) Approx. The backrest assembly is flexing type and consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/- 2 Kg./cm³. The hardness of the P.U. foam = 16 - 20 Kgs.</p>	Each	4.00	55463.85	221855.40

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	<p>on Hampden m/c. for 25% compression of the foam. (Godrej model petal) The complete moulded backrest assembly is covered with a replaceable fabric upholstery cover BACK SIZE: 52.0cm.(W) x 57.0cm.(H) x 12.0cm.(T) Approx. The side frame assembly, which forms the armrest assembly, is fitted to the two ends of the connecting beam assy. to form the leg-cum-armrest assembly. It consists of a fabricated inner-frame assembly insitu-moulded with Polyurethane foam having density = 45 +/-2 Kg./cm³. The hardness of the P.U. foam = 16 - 20 Kgs. on Hampden m/c. for 25% compression of the foam. The complete moulded side frame assembly is covered with a replaceable fabric upholstery cover. SIDEFRAME (ARMREST) SIZE: 63.0cm.(D) x 58.0cm.(H) x 12.0cm.(T) Approx. The adjustable glide is injection moulded in black ABS and is used for level adjustment of the sofa on uneven floor surface. It is fitted to the side frame assembly. (shop drawings to be given by the contractor and design to be approved by Engineer -in- charge.) 2 Seater Sofa</p>				
164	<p>P/F CHAIRS (for study tables) having the seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric and moulded Polyurethane foam, together with moulded seat and back covers. The back foam is designed with contoured lumbar support for extra comfort. Back Size 45.0 cm.(W) x 53.0 cm.(H) Seat Size 52.0 cm.(W) x 48.0 cm.(D). The Polyurethane foam is moulded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2 kg. on Hampden machine at 25% compression the seat & back cover is injection moulded in black Co-polymer Polypropylene. The one-piece armrests are made of black integral skin polyurethane with 50-70 Shore 'A' hardness and reinforced with M.S. insert. The armrests are scratch and weather resistant. The armrests are fitted to the seat with powder-coated armrest brackets made of 0.5cm. thk. HR steel. The adjustable tilting mechanism is designed with the following features: Forward tilt, Self-regulating tilt tension + Manual override. 4-position tilt- locking with anti-shock back mechanism, which prevents the backrest from impacting the user when the lock is released. Provision for fitting Drop-lift mechanism. A full 3600 swivel mechanism allows fluid lateral movement. The backrest is locking with anti-shock back mechanism, which prevents the backrest from impacting the user when the lock is released connected to the mechanism with a drop-lift mechanism, which can be adjusted in the range of 7.0 cm and locked in 7 positions for the better lumbar support. The pneumatic height</p>	Each	23.00	6720.90	154580.70

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	adjustment is maintenance free, has an adjustment stroke of 10.0 cm. The bellow is 3 piece telescopic type and is injection moulded in black Polypropylene. The pedestal is injection moulded in black 30% glass-filled Nylon and fitted with 5nos. twin wheel castors. The pedestal is 60.0cm. pitch-centre. dia. (70.0 cm with castors). (shop drawings to be given by the contractor and design to be approved by Engineer -in- charge.)				
165	P/F STUDY TABLE Providing and supplying table made up of 19/12mm thick Particle board marine plywood, 4mm thick veneer finished top with imported Melamine coating including supports, drawers etc. complete as directed of approved shape & design as per drawing. all as directed. Study desk with drawer - 900X600X750mm with 19mm thick marine plywood @ top, bottom & sides finished with 4mm thick veneer with melamine polish/imported Melamine coating, Drawer with 12mm thick marine plywood @ bottom & sides internal finished with approved 1mm thick laminate. etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.) (Shop drawings to be given by the contractor and design to be approved by Engineer-in-charge)	Each	15.00	12175.90	182638.50
166	Dining table Size with chair: 8'6" x 4'6" x 2'6" ht. as per design with round edges of all 4 corners, Table top to be made of 12mm thick toughened glass supported on SS studs attached to base frames, base of the table finished in 4mm veneer of approved shade, Table to be constructed in hardwood framework with necessary provisions. Finished in veneer as/design and detail. All visible surfaces to be finished in same veneer other internal areas of Table to be finished in 1mm laminate of approved shade with 2"x 2" European/German Steamed Beech Moulding on all edges sides and polished with Melamine polish. with 6 no. chairs made out of 1.2 cm. thick hot-pressed plywood, upholstered with fabric and moulded Polyurethane foam, together with moulded seat and back covers. (shop drawings to be given by the contractor and design to be approved by Engineer-in-charge) 6 seater Dining Table (8'6"x4'6"x2'6")	Each	1.00	261345.50	261345.50
167	CENTER TABLE Providing and fixing of centre table of dimension 550 mm L X 550mm D X 450mm H .Table with top made of 10mm thick toughned glass fixed using the studs. With base legs made of pre-laminated particle board. The above furniture should be as per specification and sample approved by client. (Shop drawings to be given by the contractor and design to be approved by Engineer-in-charge)	Each	3.00	277.55	832.65



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168	BUILT IN FURNITURE. P/F BED of 25mm thick MFD Board, Footboard & Side runner back and front to be cushioned with high class fabric of approved make and All other structure made by Including framework, 25X25mm MS angle @ 500mm C/C @ Top & bottom, 25X25mm thick TW member for support, 19+19mm thick marine plywood @ top & 12mm thick marine plywood @ sides finished with 4mm thick veneer with melamine polish/imported Melamine coating, 12mm thick marine plywood finished with 1mm thick laminate, 25mm thick Melamine foam finished with approved leatherette, 25X25mm MS cleat etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.) (shop drawings to be given by the contractor and design to be approved by Engineer -in- charge.) The bed to have recessed kick plates or raised and Mattress of thickness 6". Basic cost of fabric - Rs.500/- per r.ft. (complete to the satisfaction of Engineer-in-charge) SIZE- 6'0" x 6'6" x 2'6" (standard king size beds)	Each	2.00	54308.25	108616.50
169	P/F SIDE TABLE Providing and supplying table made up of 19/12mm thick marine plywood, 4mm thick veneer finished top with melamine polish/imported Melamine coating including supports, drawers etc. complete as directed of approved shape & design as per drawing. all as directed. Bed side table with drawer - 450X500X135mm high fixed on bed headboard- 12mm thick marine plywood @ top, bottom & sides finished with 4mm thick veneer with melamine polish/imported Melamine coating, Drawer with 12mm thick marineplywood @ bottom & sides internal finished with approved 1mm thick laminate. etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/- Sq.mt.) (Shop drawings to be given by the contractor and design to be approved by Engineer-in-charge)	Each	4.00	9712.35	38849.40
170	P/F Dressing Table with Mirror in Bedroom (size 1'-0"x 2'8" to 3'0") fabricated out of Particle board (19mm) complete with drawers & top finished with 19mm thk..Pre-polished Italian Granite Stone on table top with half round edge of rate not less than Rs. 4500/-per SqM. (shop drawings to be given by the contractor and design to be approved by Engineer-in-charge)	Each	3.00	38647.15	115941.45



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171	P/F shoe rack unit of size 1'6" depth x 4'0" length x 3'0" height fabricated out of Particle Board board (19mm) complete with drawers & top finished with 19mm thk board. with 4 mm veneer on all exposed faces finished with Melamine polish and 2"x2" European/ Germansteamed beech edge mouldings. All mouldings to be Melamine polished. (Shop drawings to be given by the contractor and design to be approved by Engineer-in-charge.)	Each	2.00	24939.30	49878.60
172	Providing LED TV Cabinet minimum size 2'-9"x3'-0"(ht.) x1'-9" depth made up of 19mm thick. MDF board finished in 4mm veneer of approved shade and texture on all sides (inside as well as outside) melamine matte polished to approved shade. The Cabinet shall have 2 drawers and one shuttered portion with locks etc. all complete as per the details drawing provided. The base of the TV unit shall have S.S. hollow pipes 38mm diameter (2mm thk.) of height 3" with base of nylon shoes .The drawers and cabinet shutters shall have telescopic channels and hinges of Kich/Aarch make. The handles shall be of brushed S.S. finish (shall be as / approval by NIB)The finished product shall be delivered to the Institute Guest House duly covered with bubble sheet to avoid any breakage etc. However in case of any minor repair arising out of transportation etc. the same shall be repaired/replaced immediately by the supplier without any extra cost.(Shop drawings to be given by the contractor and design to be approved by Engineer-in-charge)	Each	2.00	49272.05	98544.10
172a	Providing and supplying of Designer Metal Single Bed of size 1980mmx915mm (approx6'6"x3' minimum.), fabricated from high-grade CRCA steel sections with minimum 18-gauge wall thickness. The headboard shall feature an integrated Premium White Cushion (Upholstered with high-quality Faux Leather/Rexine and high-density foam). All steel components shall be chemically treated and finished with scratch-resistant Powder Coating (minimum 50-micron thickness). Including the supply of a coordinated Premium Mattress (3x6 feet) of minimum 6 inch thickness, made of High-Density foam/Orthopedic support core with a breathable fabric cover.the mattress shall be covered with a high-quality breathable jacquard or knitted fabric. The rate includes all materials, fabrication, cushion work, mattress cost, transportation, unloading, and complete assembly at the site.	Each	16.00	20239.05	323824.80



Sig of CO (ENGR)

Commandant (Engr)
NE Ft. HO, ITS.

Signature of Tenderer/s

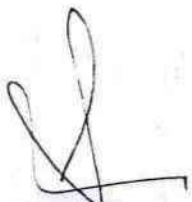
173	Providing and Fixing curtain Rod of stainless steel & stainless steel pipe of 25 mm diameter 1.25 mm thickness of best quality including studs and knobs as per reqmt (per window) for doors and window (Sample to be approved by Engineer - in - Charge)	Mtr	160.00	581.30	93008.00
174	Providing and Fixing Set of 1 Curtain for a window of 1.2 mt x 2.1 mt and different size, made with curtain cloth of good quality not less than 1.1 mt wide with a) Top belt of 100 mm width with inbuilt metallic ring 150 mm c/c Distance b) Bottom 150 mm Fold c) Providing Cotton liner cloth of good quality at the back of curtain by stitching to curtain. d) Size of curtains will be 1.4mt x 1.85 mt. (Sample to be approved by Engineer - in - Charge)	Each	220.00	1263.55	277981.00
175	Providing, Fixing, Supplying & installation of 55" LED TV screen with USB Ports, 4 HDMI Ports, Ethernet Port, PC Input VGA Port with 2 Speakers, minimum 50 W Output, Dolby Digital sound. Preferred Make: Sony Bravia KDL-50W800D 126cm (50 inches) Full HD 3D Android LED TV. (For 1 no. VIP room & flat 103 drawing room). Note: Cost to include Providing, drawing, connecting and testing of Television cable, Electrolytic grade solid annealed high conductivity copper conductor, gas injected physical polyethylene foam insulated, wrapped with aluminium tape and aluminium alloy wire braided, jelly flooded and PVC jacketing in black colour (Compatible to DTH TV signal), in 25 mm MS/PVC conduit from television outlet box to the junction box /splitter / subscribe rord welling unit/ Dish antenna as required.	Each	2.00	88852.60	177705.20
176	Supplying, installing, testing and commissioning of Automatic Infrared Sensor operated Jet Hand Dryer of approved make and model (Ref: EH210N or equivalent), featuring a heavy-duty Stainless Steel (Grade 304) body with a brushed/satin finish. The unit shall be equipped with a high-efficiency HEPA Filter for hygienic air filtration, a high-speed brushless/universal motor, and an integrated heating element with automatic thermal cut-off for safety. The dryer must be ISI/BIS certified and designed for energy-efficient, high-traffic usage. Scope includes internal wiring, mounting accessories, and making electrical connections with the existing 15A/16A plug point/socket, complete with all necessary fixtures as per the direction of the Engineer-in-Charge."	Each	3.00	10089.65	30268.95



Sig of CO (ENGR)

Signature of Tenderer/s

177	Supplying and fixing of LED Study Lamp (Table Lamp) of approved make and quality, featuring a flexible/adjustable neck for multi-directional lighting, heavy weighted base for stability, integrated LED light source (minimum 9W) or holder for LED bulb, including minimum 2.0 metre long flexible insulated copper cord with a 6A 3-pin plug top, complete with all necessary testing and commissioning etc. as required.	Each	2.00	1466.40	2932.80
Total					6,49,54,577.00



Sig of CO (ENGR)

Commandant (ENGR)
 उद्योग विभाग, नई दिल्ली
 N.E. Pr. HQ, I.T.B. Bldg.

Signature of Tenderer/s

RECEIPT OF DEPOSITION OF ORIGINAL EMD

- | | | | |
|----|--|----|--|
| 1. | Name of Work | :- | "Construction of SOs living accommodation including kitchen, toilet and guest house, OR,s Living accommodation , Quarter guard building & Coy office with Ops room at Yorlung BOP of 20 BN ITB Police (AR) |
| 2. | Estimated Cost | :- | Rs. 6,49,54,577/- |
| 3. | Amount of Earnest Money | :- | Rs. 12,99,092/- |
| 4. | Last Date of Submission of bid | :- | 09.06.2026 (1700 Hrs) |
| 5. | Name of Contractor | :- | -----
----- |
| 6. | Form of Earnest Money | :- | ----- |
| 7. | Amount of Earnest Money Deposited | :- | ----- |
| 8. | Date & Time of Submission of Earnest Money | :- | ----- |

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

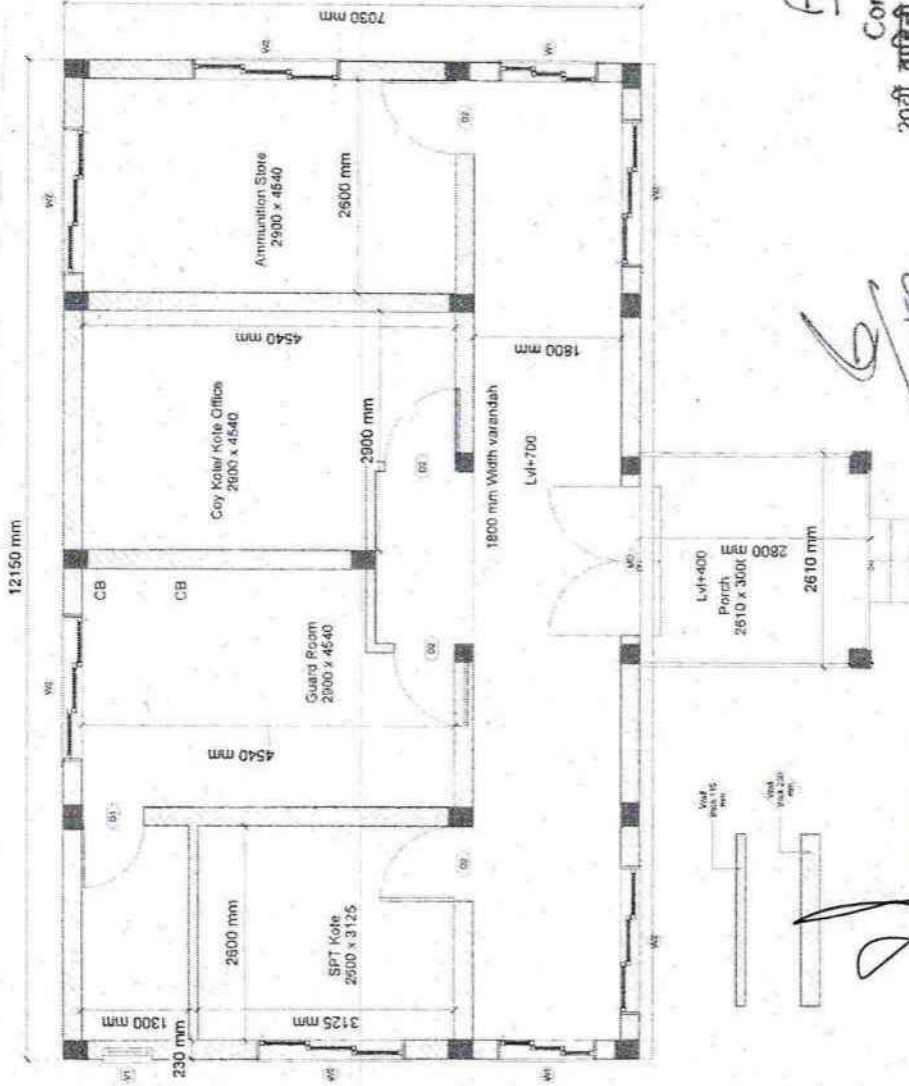
Sig of CO (ENGR)


Commandant (Engr)

उप मुख्य अधिकारी, एन ई फ्र. बल
N.E Fr. HQ, ITB Force

Signature of Tenderer/s

QUARTER GUARD BUILDING AT YORLUNG BOP 20 TH BN ITBP AALO




 Commandant
 20वीं बहिनी, भाटतिसींगु बल
 20th Bn. ITB Police Force

स्थापक: मे.श्री (अभियंता)
 Asstt. Commandant (Engr.)
 20वीं बहिनी, भाटतिसींगु बल
 20th Bn. ITB Police Force

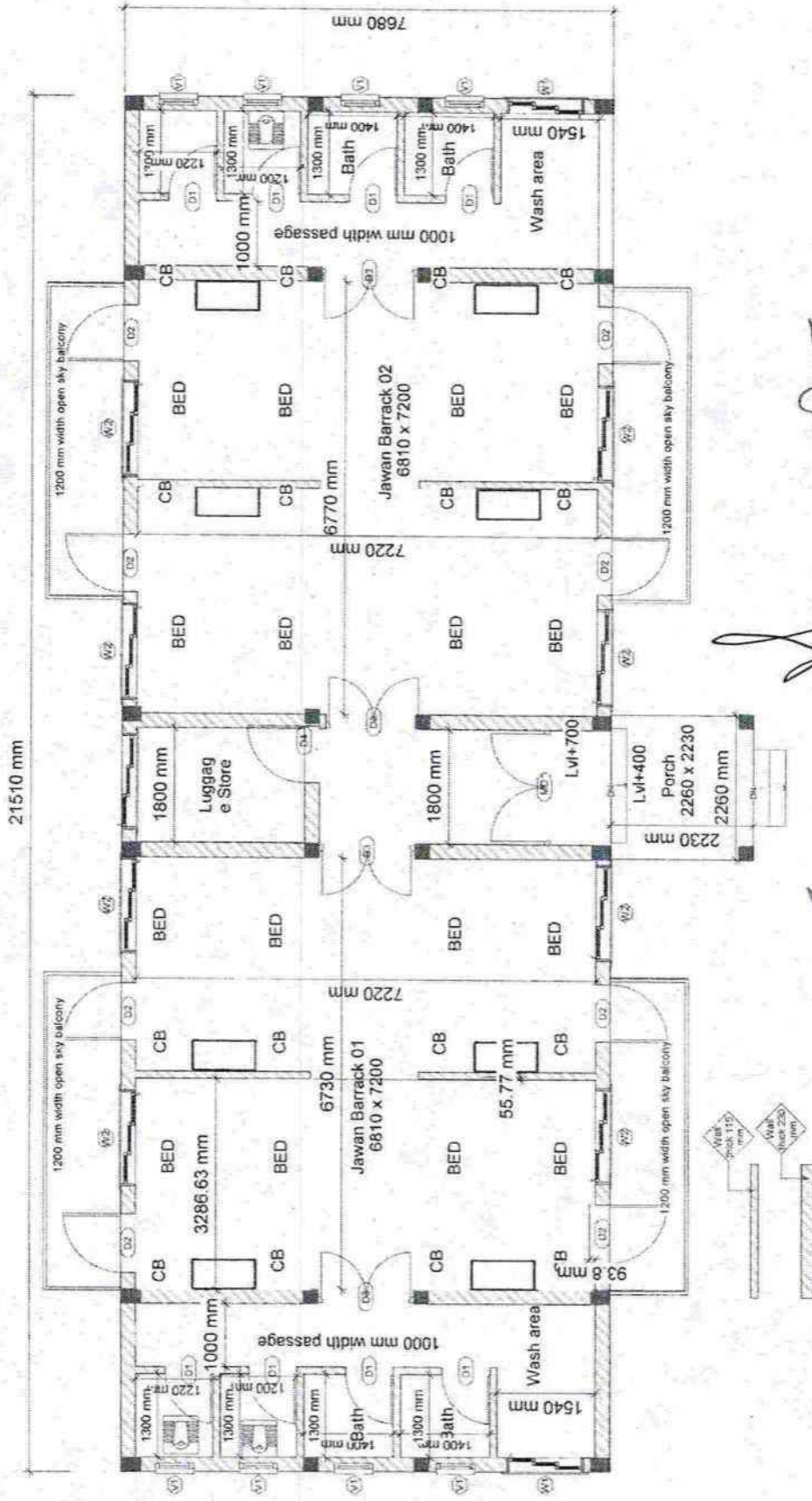

 20वीं बहिनी, भाटतिसींगु बल
 Inspector / Overseer
 20th Bn. ITBP

Column Schedule		
Type	Qty	Remarks
C1 230 x 230 mm	9	
C2 300 x 230 mm	14	

Type Mark	Width	Height	Sill Height	Qty	Remarks
V1	600 mm	1000 mm	1500 mm	3	UPVC ventilator with exhaust fan
W1	1200 mm	1750 mm	265 mm	4	UPVC window three track sliding with lock
W2	1800 mm	1750 mm	300 mm	13	UPVC window three track sliding with lock

Type Mark	Width	Height	Sill Height	Qty	Remarks
D1	750 mm	2100 mm	30 mm	0 mm	4 -doors-
D2	900 mm	2100 mm	35 mm	0 mm	7 -doors-
MD	1800 mm	2650 mm	35 mm	0 mm	2 -doors-

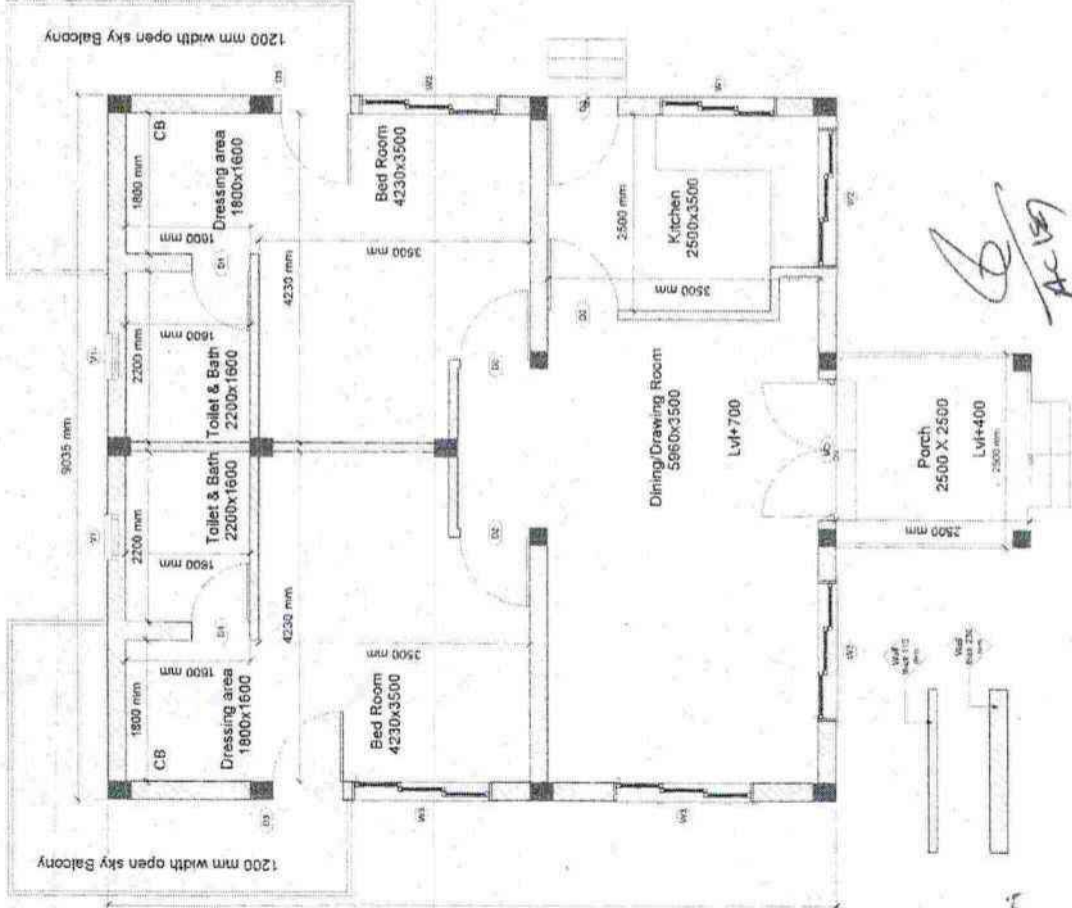
OR,s Living accommodation At Yorlung 20th BN ITBP Aalo



निर्देशक : प्रबन्धक
 Commandant (P 20th BN, 20th Battalion) नि.प्र.क. : प्रबन्धक
 उ.प्र. सं. २००१२३४, ए. नि. सं. २००१२३४
 Inspector / Overseer
 NE 266 HQ, I.T.B. Force 21st Bn, ITBP

आदेशक : आ.सं. २००१२३४
 Asstt. Commandant (Engr.)
 20th BN, 20th Battalion, I.T.B. Force
 INS P OVERSEER, I.T.B. Force

So's Living Accommodation including Kitchen, toilet and guest House AT 4L9



Inspector / Overseer

 20th Bn, ITBP

1. 1.27
Ground Floor Plan

स्थापक सेवार्थी (अभिभवार्थी)
 Asstt. Commandant (Engr.)
 20वीं बटालियन, सी० ए० 267 गुरान
 20th BN, ITB POLICE

Commandant (Engr.)
 20वीं बटालियन, सी० ए० 267 गुरान

NE Ft. HQ. ITB
 रजिस्ट्रार के कार्यालय, सी० ए० 267 गुरान

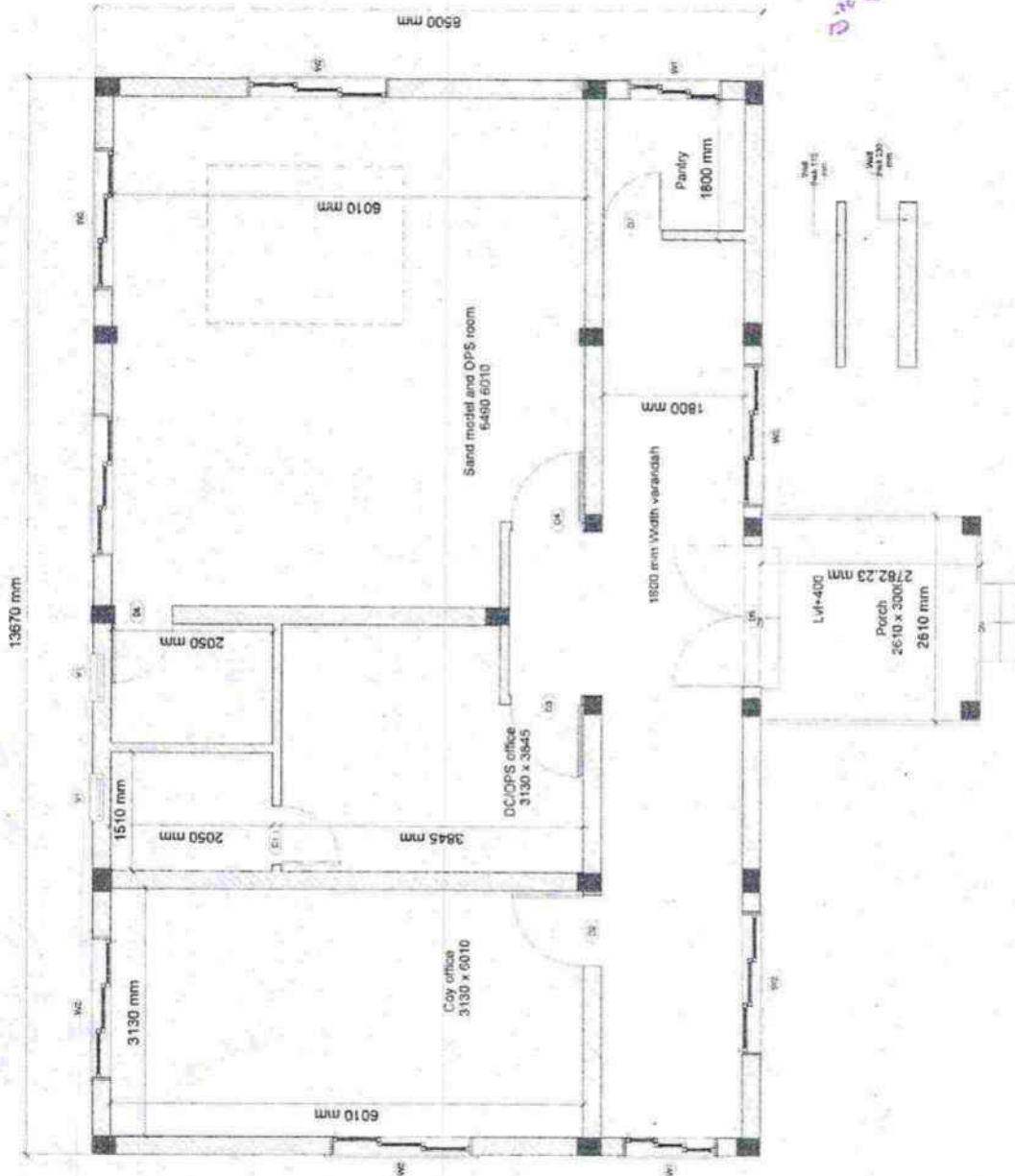
Type Mark	Width	Height	Sill Height	Qty	Remarks
D1	750 mm	2100 mm	30 mm	2	WPC door
D2	500 mm	2100 mm	35 mm	4	Flush door
D3	900 mm	2850 mm	35 mm	2	UPVC door painting with three track sliding window
MD	1800 mm	2850 mm	35 mm	1	UPVC

Type Mark	Width	Height	Sill Height	Qty	Remarks
V1	600 mm	1000 mm	1500 mm	2	UPVC ventilator
W1	1500 mm	1450 mm	1200 mm	1	UPVC window three track sliding with lock and exhaust fan
W2	1800 mm	1450 mm	1200 mm	1	UPVC window three track sliding with lock
W3	1800 mm	1750 mm	900 mm	4	UPVC window three track sliding junction with D3 door

Type	Qty	Remarks
C1 230 x 230 mm	6	
C2 300 x 230 mm	11	

Commandant
 20वीं बटालियन, भारतीय सिपाही बल
 20th Bn, ITB Police Force

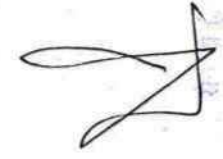
COy office with OPS room - Al Yurlung BOP 20th BN ITBP Aalo



Door Schedule				Window Schedule				Column Schedule	
Type Mark	Width	Height	Sill Thickness	Sill Height	Type	Remarks	Type	Remarks	
D1	750 mm	2100 mm	30 mm	0 mm	V1	600 mm	1000 mm	C1	230 x 230 mm
D2	900 mm	2100 mm	35 mm	0 mm	W1	1200 mm	1788 mm	C2	300 x 730 mm
MD	1800 mm	2650 mm	35 mm	0 mm	W2	1800 mm	1750 mm		

Type Mark	Width	Height	Sill Thickness	Sill Height	Type	Remarks
V1	600 mm	1000 mm	1500 mm	3	UPVC ventilator with exhaust fan	
W1	1200 mm	1788 mm	900 mm	4	UPVC window three track sliding with lock	
W2	1800 mm	1750 mm	900 mm	13	UPVC window three track sliding with lock	

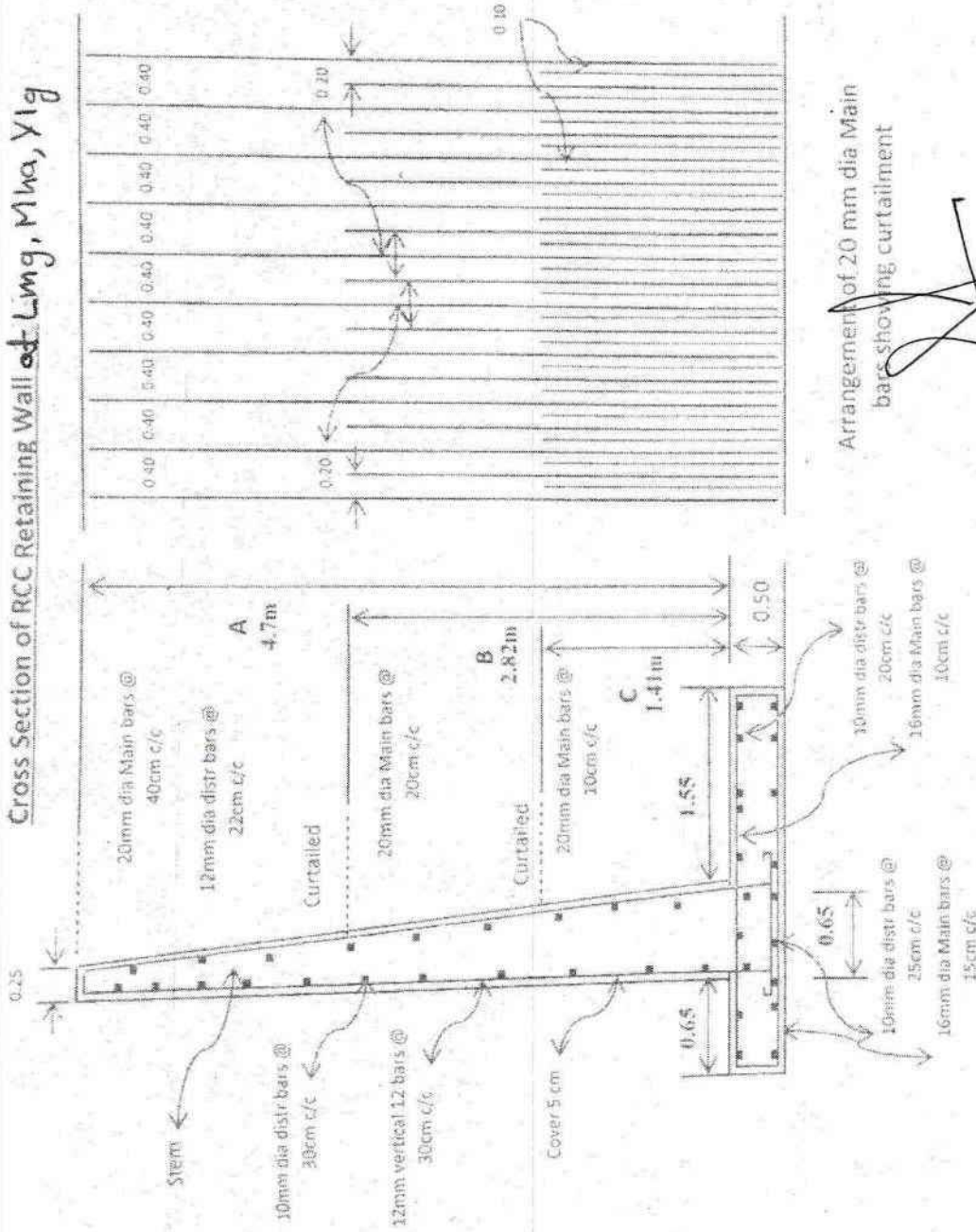

 Inspector/Overseer
 20th BN, ITBP


 Commandant (Fingri)
 20th BN, ITBP


ॐ नमो भगवते वासुदेवाय
 N.E. Fir. HQ, I.T.B.P. Force

ॐ नमो भगवते वासुदेवाय
 20th BN, ITB Police Force

Cross Section of RCC Retaining Wall of Lmg. Mha, Ylg



Arrangement of 20 mm dia Main bars showing curtailment


 20वीं वॉ. इंजीनियरिंग
 Inspector / Overseer
 File No. Re-Development of Computer No. 77613
 Generated from eOffice by UMESH SINGH, INSP/USPPNR BR-SHQ LKB (INSP OVERSEER, SHO LKB of 19705/2026 06:21 PM)

Curtailment of Main Bars will be as follows
 C= 30% of A
 B= 60% of A
 A= 1269 of A

सौमनी (अभिप्रेता)
 Commandant (Engg)
 उच्च शिक्षण विभाग, एन. ई. एफ. बल
 N.E. Ftr. HQ, I.T.B. P. (बि. एन.)
 सौमनी
 Commandant
 20वीं वॉ. इंजीनियरिंग बल
 20th Bn. ITB Police Force