

NO. ITBP/SHQ(DDN)/ENGR/TENDER/2026-194  
OFFICE OF THE DY. INSPECTOR GENERAL  
SHQ (DDN) ITB POLICE  
MHA /GOVT. OF INDIA  
SEEMADWAR, DEHRADUN (UKD)  
PIN: -248146(PH 0135-2761912/27)

DATE: - 01-05-26

Notice Inviting e-Tender

The Deputy Commandant (Engr), Sector Head Quarters (Dehradun) ITBP on behalf of the President of India invites online **Percentage rate** tender from approved and eligible contractors of CPWD and those of appropriate list of M.E.S., BSNL, Railway and State P.W.D. (B&R) or State Govt.'s Department dealing with **building and roads** in appropriate class including civil and Electrical work for the following work-

S/N	Name of Work	Estimated Cost (Rs.)	EMD amount (Rs.)	Completion time
1	<b>Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)</b>	Rs 1,84,02,473/-	Rs. 3,68,049 /-	12 Months (03 working seasons)

Critical Dates :-

S. No.	Particular	Time and Date
1	Publishing date and time	01/05/2026 at 1600 Hrs.
2	Document download start date	01/05/2026 at 1630 Hrs.
3	Clarification start date	01/05/2026 at 1630 Hrs.
4	Bid submission start date	01/05/2026 at 1630 Hrs.
5	Clarification end date	23/05/2026 at 1600 Hrs.
6	Bid submission end date	23/05/2026 at 1600 Hrs.
7	Last date and time for deposition of original EMD to Engineer / DDO of any BN/SHQ/FTR of ITBP as per PageNo-4&5, Para 9 of Bid documents.	23/05/2026 at 1600 Hrs.
8	Bid opening date	25/05/2026 at 1600 Hrs.

1. The enlistment of the contractors should be valid on the last date of submission of tenders. In case, the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.
2. The intending bidder must read the terms and conditions of **Tender form** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form part of bid document.
4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website [www.eprocure.gov.in](http://www.eprocure.gov.in) & [www.itbp.gov.in](http://www.itbp.gov.in).
5. The tender can only be submitted after uploading the mandatory scanned documents as per list given below. (AS per bid document P-11 Para-16.)
  - I. Copy of receipt for deposition of original EMD in any of ITBP formation with copy of EMD.
  - II. Certificates of work experience in format (Form-C, Form-C-1) CPWD SOP -2024 (P-215).
  - III. Affidavit as per Clause 1.2.2 of CPWD-6.
  - IV. GST Registration Certificate, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking with the bid documents. **"If work is awarded to me, I/we shall obtain GST registration Certificate as applicable, within one month from the date of receipt of award letter or before release of any payment by ITBP, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/ or for any action taken by ITBP or GST department in this regard."**
  - V. Enlistment order from CPWD/ State PWDs / Railway/MES/BSNL/BRO contractors in appropriate class and category.
  - VI. Banker's Certificate of current financial year or last six month from BID publishing date of the amount equal to 40% of the Estimated Cost put to tender (ECPT) as per CPWD2024 SOP format (Form-B). Or Net worth certificates at least 10% from CA as per CPWD2022 SOP format (Form-B-1).
  - VII. Last three years turn over (at least 30 % of estimated cost put to tender). as per CPWD2024 SOP format (Form-A).
  - VIII. Letter of transmittal on firms' letter head in prescribed proforma. (Page-26)

Earnest Money of **Rs. 3,68,049/-** in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks drawn in favour of "**DIG, SHQ (DDN) ITBP Force, Seemadwar, Dehradun (UKD)**" payable at Dehradun (UKD) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited in any of ITBP formation in India within the period of bid submission. The copy of EMD and receipt of EMD (issued by receiving authority of ITBP formations) will also require to be uploaded by bidder with other documents.

6. The intending tenderer has to fill all the details such as Banker's name, Demand Draft/Fixed Deposit Receipt /Pay Order/ Banker's Cheque/Bank Guarantee number, amount and date. The amount of EMD can be paid by multiple Demand Draft / Pay Order / Banker's Cheque / Deposit at call receipt / Fixed Deposit Receipt -A part of earnest money is acceptable in the form of bank guarantee and Insurance Surety bond/On line payment in acceptable form also. In such case, 50% of earnest money or Rs. 20 lac, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled bank.
7. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed, they can be imparted training on online bidding process as per details available on the website.
8. The intending bidder must have valid class-III digital signature to submit online bid.
9. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of JPG format and PDF format.
11. Contractor must ensure to quote rate of each item, if any cell is left blank and no rate is quoted by the tenderer, rate of such item shall be treated as "0" (ZERO). However, if tenderer quotes Nil rates against each item in item rate tender or does not quote any percentage above/below on the lowest amount of the tender or any section/sub head in percentage rate tenders, the tender shall be treated as invalid and will not be considered as lowest tender.
12. The required documents meeting the criteria to qualify as "approved and eligible" contractors of CPWD, MES, BSNL, Railway, State PWD & other state dept. (if there is no State PWD (B&R for the work) dealing with building and roads construction etc along with other documents as mentioned under Para "List of Documents to be scanned and uploaded by the agency and hard copies received subsequently" shall be checked first, while opening the bid. The financial bid of only those agencies shall be opened who are found to be eligible agencies, as per this NIT.
13. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
14. Preference will be given to firms who registered for using **Make In India material** in the work as per order P-45021/2/2017-BE-II Dtd. 15.06.2017 and revised order Dtd. 16.09.2020 and order P-45021/2/2017-PP (BE-II) -Part(4) Vol.-II dated **19.07.2024 of DPIIT (Department for Promotion of Industry and Internal Trade) for Public Procurement (Preference to make In India) and office memorandum no P-45021/69/2023-BE-II (E-183080) dtd 13.11.24 of ministry of Commerce and industry & internal trade, PP Section Udyog Bhawan New Delhi shall prevail.**

DEPUTY COMMANDANT (ENGR)  
SHQ (DDN) ITB Police  
On Behalf of President of India  
श.मु. (देहरादून) आ.ति.सा. पुलिस  
SHQ (DDN) I.T.B. Police

**Copy To :-**

1. IG(Engr) Dte Gen. ITB Police
2. IG, M&SI ITB Police, Auli
3. DIG SHQ(Shimla) ITB Police Taradevi Shimla (HP)
4. DIG SHQ (Almora) ITB Police Bimola Camp Almora (Uttarakhand)
5. Dy. Commandant, IT Cell, N. FTR. **For Publication on ITBP website**
6. Commandant 1<sup>st</sup> Bn/8<sup>th</sup> Bn/12<sup>th</sup> Bn/ 23<sup>rd</sup> Bn/35<sup>th</sup> Bn
7. Chief Engineer, CPWD, Subhash Road, Dehradun(E-mail-cenz4ddn@gmail.com)
8. Executive Engr(Civil), CPWD, SSB Campus, Srinagar(Garhwal)Email- gedsrinagar@gmail.com
9. Executive Engineer PWD Construction Division Haridwar Road (Opp- Radha Swami Bhawan) E-Mail:-  
[eeccpwddd@rediffmail.com](mailto:eeccpwddd@rediffmail.com)
10. Notice Board, N.FTR / SHQ(DDN) & 23<sup>rd</sup> Bn

DEPUTY COMMANDANT (ENGR)  
SHQ (DDN) ITB Police  
On Behalf of President of India  
श.मु. (देहरादून) आ.ति.सा. पुलिस  
SHQ (DDN) I.T.B. Police



GOVERNMENT OF INDIA  
INDO TIBETAN BORDER POLICE  
Sector Head quarter (Dehradun)  
ITBP Seemadwar, Dehradun, (UKD) PIN- 248146



# BID DOCUMENT

**Name of work:** - Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road.(SH:- Accommodation and Office)

1

Signature of Tenderer with stamp

Signature of Tender Calling authority


उप कमांडेंट (शियंता)  
डी.मु. (देहरादून) का.वि.सी. पुलिस  
SHQ/DDM/ITBP

**Government of India**  
**INDO TIBETAN BORDER POLICE FORCE**

**Name of work:** Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road.(SH:- Accommodation and Office)


**Part-A**

S. No.	Particulars of Item	Page Ref.
1	CPWD-6 FOR e-TENDERING	03-08
2	INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE	09-11
3	BRIEF PARTICULARS OF THE WORK	12



  
**Sector Engineer**  
**SHQ (DDN), ITBP**  
 (For and on behalf of President of India)  
 डी.एम. (देहरादून) भा.ति.सी. पुलिस  
 SHQ (DDN) I.T.B. Police

Signature of Tenderer with stamp

Signature of Tender Calling authority

  
**Sector Engineer**  
**SHQ (DDN), ITBP**  
 डी.एम. (देहरादून) भा.ति.सी. पुलिस  
 SHQ (DDN) I.T.B. Police

**CPWD-6 FOR e-TENDERING**

 <p>सत्यमेवजयते</p>	<b>GOVERNMENT OF INDIA</b> <b>INDO TIBETAN BORDER POLICE</b>	
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On behalf of the President of India the **Deputy Commandant (Engr) SHQ(DDN)** ITB Police Force, Seemadwar, Dehradun invites online Percentage Rate Bids from approved and eligible CPWD/ State PWDs/ Railway/ MES/ BSNL/ BRO enlisted contractors of appropriate class in civil /composite category in two bid system for the following work:

**Name of work: - Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)**

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

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

- 1.1 The work is estimated to cost **Rs. 1,84,02,473/-** This estimate, however, is given merely as a rough guide.
- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will be corresponded to the combined estimated cost of different components put to bid.
- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works of magnitude specified below: -

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

1.2.1 Criteria of eligibility for contractors-

- i) The enlistment of the CPWD/ State PWDs / Railway/MES/BSNL/BRO contractors in appropriate class in Civil/composite category should be valid on the last date of submission of bids.
- ii) 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.
- iii) The tenderer should have completed satisfactorily at least 03 (three) similar works (Building Works and Other Development works) each of value (40% of the estimated cost) or 02 (Two) similar works each of value (60% of the estimated cost) or 01 (one) similar work of cost (80% of estimated cost) during the last 07 (Seven) years ending last day of the month previous to the one in which tender are invited. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 07 % per annual, calculated from the date completion to the last date of submission of bid.

1.2.2 **To become eligible for bidding, the bidders shall have to furnish an affidavit as under.**

I/we undertake and confirm that eligible works (s) has /have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of department, then I/we shall be debarred for bidding in ITBP in future forever. Also, if such a violation comes to the notice of department before date of start of work, the Engineering-In- Charge shall be free to forfeit the entire amount of earnest money deposit/ Performance Guarantee deposited with department.

2. Agreement shall be drawn with the successful bidder on prescribed Form amended up to date which is available with **Sector Engineer, SHQ(DDN)**. Bidder shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **12 Months or 03 working season** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. (i) The site for the work is available. **(Site for the work is available)**  
Or  
The site for the work shall be made available in parts as specified below.

.....  
(ii) The architectural and structural drawing for the work is available.

Or  
The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.

**As consultancy part also include in the tender BOQ, hence topographical survey of land (working site complete portion), preparation of LOP, soil investigating, structural design and drawing, architectural drawings, detailed working drawings vetting of design from IIT or NIT are on contractor part and final drawings to be provided by contractor for approval of competent technical authority before execution of work.**

5. The bid document consisting of plans, specifications, schedule of quantities of various types of items to be executed and set of terms & 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.itbpolice.nic.in](http://www.itbpolice.nic.in) or [www.eprocure.gov.in](http://www.eprocure.gov.in) free of cost.
6. After submission of the bid, the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number any number of times (he need not re-enter rate of all the items), but before last time and date of submission of bid, as notified.
8. When bids are invited in three stage system and if is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money of **Rs. 3,68,049/-** in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks drawn in favour of "**DIG, SHQ (DDN) ITBP Force, Seemadwar, Dehradun (UKD)**" payable at Dehradun (UKD) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited in any of ITBP formation in India within the period of bid submission. The copy of EMD and receipt of EMD (issued by receiving authority of ITBP formations) will also require to be uploaded by bidder with other documents.

**(The EMD receiving authority shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (copy enclosed)).**

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e-bank guarantee of any Commercial bank

Signature of Tenderer with stamp

Signature of Tender Calling authority  
Dr. V. V. Wadgaonkar (Engr.)  
SHQ (DDN) I.T.B. Police

having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and certificate of work experience and other documents as specified in Notice inviting e-tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-Tender Notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any of ITBP formations with other uploaded documents are found in order.

10. The bid submitted shall become invalid if:
- The bidder is found ineligible.
  - The bidder does not deposit original EMD with any of ITBP formation.
  - The bidder does not upload scanned copies of all the documents stipulated in the bid document.
  - If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
  - If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above / below on the total amount of tender or any section / sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish Performance Guarantee (a) 5% of tendered value or Estimated cost put to tender (ECPT) (whichever is higher) (b) Wherever the tendered amount is less than eighty percent (80%) of the Estimated cost put to tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount as mentioned in Schedule 'E' and within the period specified in Schedule 'F'. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period, if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses / registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in schedule 'F'. The validity of PG should be target date of completion plus 60 days. In case date of completion is extended, the contractor shall have to extend PG accordingly.
12. The description of the work is as follows:
- Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)**

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All 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.
14. 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.
15. 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.
16. The contractor shall not be permitted to bid for works in those ITBP Ftr/ Sector/Unit, in which his near relative is posted as Accountant or as an officer in any capacity between the grades of DIG Engineer and Sub-Inspector O (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the ITBP or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India, as aforesaid, before submission of the bid or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of 30 days (Thirty days) from the date of opening of bid in case of single bid system and 75 (Seventy-five) days from the date of opening of technical bids in case bids are invited in Two/Three bid system. Further
- (i) If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department within 07 days after last date of submission of bids, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
  - (ii) If any tenderer withdraws his tender or make any modification in the terms and conditions of the tender which is not acceptable to the department after expiry of 07 days after last date of submission of bids , then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100 % of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
  - (iii) In case of forfeiture of earnest money as prescribed in Para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of same work.
19. This Notice Inviting bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- a) The Notice Inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted on line at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - b) Condition of contract and contract clauses
20. **For composite bids**
- 20.1.1** The **Sector Engineer, SHQ (DDN)** ITB Police Force, Seemadwar, Dehradun (UKD) the Engineer-In-Charge of the work will call bids for the composite work. The cost of bid documents and earnest money will be fixed with respect to the combined estimated cost put to tender for the composite bid.
- 20.1.2** The bid documents will include following three components:
- Part A:-** CPWD-6, CPWD-7/8 including schedule 'A' to 'F' for the major component of the work, General Condition of Contract for CPWD 2023 (as applicable to work as approved by NIT approving authority) and modified up to date.
- Part B:-** General/ Specific Conditions, Specifications and schedule of quantities applicable to major component of the work.

**Part C:-** The schedule A to F for minor component of the work, General / specific conditions, specifications and schedule of Quantities applicable to minor component (s) of the work.

- 20.1.3 The bidders must associate contractors of minor components (required if any) with himself, as per NIT conditions.
- 20.1.4 The eligible bidders shall quote rates for all items of Major component as well as for all items of minor components of work/ percentage above or below to NIT amount.
- 20.1.5 After acceptance of bid by competent authority the Engineer-In-Charge of Major component of the work 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 one agreement with the **Sector Engineer, SHQ(DDN) ITB Police Force, Seemadwar, Dehradun (UKD)** Engineer-In-Charge of major component and has also to sign two or more copies of agreement depending upon requirement of copies.
- 20.1.6 Entire work under the scope of composite bid including Major and all Minor components shall be executed under one agreement.
- 20.1.7 Security deposit will also be worked out based on amount of composite work.
- 20.1.8 The main contractor has to associate agencies for specialised component (s) confirming to eligibility criteria as defined in the bid document and has to submit detail of such agency (s) to Engineer-In-Charge of relevant component(s) within prescribed time. Name of the agency (s) to be associated shall be approved by Engineer-In-charge of relevant component(s).
- 20.1.9 In case the main contractor intends to change any of the above agency / agencies during the operation of the contract, he shall obtain prior approval of Engineer-In-Charge of relevant specialised component(s).  
The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-In-Charge is not satisfied with the performance of any agency, he can direct the main contractor to change the agency executing such items of work and this shall be binding on the contractor.
- 20.1.10 The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to Engineer-In-Charge. In case of change of associate contractor, the main agency(s) has to enter into MoU / agreement with the new contractor associated by him.
- 20.1.11 Running payment for the major, minor component shall be made by Engineer in charge / Concerned Engineer to the main contractor after test check by respective authority. The Computerized Measurement Book (CMB) shall be maintained independently by Engineer in charge of major, minor components.
- 20.1.12A The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-In-Charge after completion of all the components.
- 20.1.12B Final bill of whole work shall be finalized and paid by the Engineer-In-Charge.
21. The intending bidders are required to update their profile in **CPP portal (e-procurement tender portal)** and to upload their bids well in advance of last date of submission of tender. Any issue relating uploading profile/ uploading tender can be resolved through the concerned Engineer in Charge. Detail may be asked through E- mail of respective tender calling formation. The e-tendering bidders are also not to wait to raise any issue till the last date of submission of bid in their own interest.
23. In case of reduction in scope of work no claim on account of reduction in value of work, loss of expected profit, consequential overheads etc shall not be entertained.



**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE**

On behalf of the President of India, The Second in Command (Engineer), SHQ (DDN) ITB Police Force, Seemadwar, Dehradun, (UKD) invites online Percentage rate Bids from approved and eligible CPWD/ State PWDs / Railway/MES/BSNL/BRO enlisted contractors of appropriate class in Civil/composite work in Two bid system for the following work:

SN.	NIT No.	Name of work	Estimated Cost put to Bid (Rs.)	Earnest Money	Stipulated period of completion of work (in Months)	Last date and time of online submission of bid, copy of receipt for deposition of original EMD and other documents as specified in the bid document	Time & Date of opening of Bid
1	2	3	4	5	6	7	8
1		<b>Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)</b>	<b>Rs. 1,84,02,473/-</b>	<b>Rs 3,68,049/-</b>	<b>12 months (03 working seasons)</b>	<b>Up to 1600 hrs On 23-05-2026</b>	<b>1600 hrs On 25-05-2026</b>

- a) Contractors who fulfil the following requirements shall be eligible to apply. Joint ventures are not accepted. The intending contractors should have satisfactorily completed the works as mentioned below during the last seven years ending last day of the month previous to the one in which tenders are invited.  
Three similar works each costing not less than 40% of estimated cost or two similar works each costing not less than 60% of estimated cost or one similar work costing not less than 80%. 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 previous day of last day of submission of tender.
- b) Should have had average annual financial turnover of 30 % of estimated cost put to tender on construction works during the last three years ending 31<sup>st</sup> March of preceding year (Scanned copy of certificate from CA with unique documents identification Number (UDIN) to be uploaded.) The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum.
- c) Should not have incurred any lose (Profit after tax should be positive) in more than two years during the last five years ending 31<sup>st</sup> March of preceding year.
- d) Should have a banker's certificate of current financial year or last six month from BID publishing date from a commercial bank for 40 % of estimated cost put to tender or net worth certificate from CA with unique documents identification Number (UDIN) of minimum 10% amount of estimated cost put to tender (scanned copy of original to be uploaded)

Signature of Tenderer with stamp

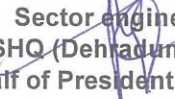
Signature of Tender Calling authority

उप कमाण्डर (अभियंता)  
 Dy. Engineer  
 क.मु. (देहरादून) भा.ति.स. पुलिस  
 SHQ (DDN) I.T.B. Police

2. The intending bidders must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. This information and instructions for bidders posted on website shall form part of bid document.
4. The bid documents consisting of plans, specifications, the schedule of quantities of various types of items /works to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and down loaded from the website [www.itbpolice.nic.in](http://www.itbpolice.nic.in) or [www.eprocure.gov.in](http://www.eprocure.gov.in) free of cost.
5. But the bid can only be submitted after deposition of original EMD in Office of DIG, SHQ(Dehradun) ITBP or any of ITBP formation within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks towards EMD in favour of **DIG SHQ(DDN), ITBP** as mentioned in NIT, receipt for depositing of original EMD to any of ITBP formation and other documents as specified.
6. Those contractors who are not registered or have not updated their profile on the website mentioned above are required to get registered/ update their profile beforehand. The necessary training material including the videos with step-to-step process are available on download section of [www.eprocure.gov.in](http://www.eprocure.gov.in).
7. The intending bidder must have valid class-III digital signature certificate with encryption key ( Combo Type) to perform any operation / transactions on the e-tendering portal / website and the bidder should download and install the e signer on their system as per instruction available on download section of [www.eprocure.gov.in](http://www.eprocure.gov.in)
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Certificate of financial turnover-At the time of submission of bid contractor may upload Affidavit/Certificate from CA mentioning financial turnover of last seven years or for the period as specified in the bid documents and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload voluminous balance sheet.
11. If a tenderer quotes NIL rates or does not quote any percentage above or below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
12. The technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bids shall be communicated to them at a later date.
13. Clarifications required (if any) may be obtained from office of the **DIG SHQ(DDN) ITBP Seemadwar ITBP Dehradun (UK)** on any working days between 10 am to 5 pm.
14. 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.
15. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.


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

(i)	Copy of receipt for deposition of original EMD in any of ITBP formation with copy of EMD
(ii)	Certificates of work experience in format (Form-C, Form-C-1) CPWD SOP -2024 (P-215)
(iii)	Affidavit as per Clause 1.2.2 of CPWD-6
(iv)	GST Registration Certificate, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking with the bid documents.  "If work is awarded to me, I/we shall obtain GST registration Certificate as applicable, within one month from the date of receipt of award letter or before release of any payment by ITBP, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/ or for any action taken by ITBP or GST department in this regard."
(v)	Enlistment order from CPWD/ State PWDs / Railway/MES/BSNL/BRO contractors in appropriate class and category.
(vi)	Banker's Certificate of current financial year or last six month from BID publishing date of the amount equal to 40% of the Estimated Cost put to tender (ECPT) as per CPWD2024 SOP format (Form-B) <b>Or</b> Net worth certificates at least 10% from CA as per CPWD2022 SOP format (Form-B-1)
(vii)	Last three years turn over (at least 30 % of estimated cost put to tender) . as per CPWD2024 SOP format (Form-A)
(viii)	Letter of transmittal on firms' letter head in prescribed proforma.

  
 Sector engineer  
 SHQ (Dehradun) ITBP  
 (For and on behalf of President of India)

Signature of Tenderer with stamp

Signature of Tender Calling authority

  
 Dy. Commr (Engr.)  
 के.मु. (देहरादून) भा.ति.सी. पुलिस

**GOVERNMENT OF INDIA  
INDO TIBETAN BORDER POLICE DEPARTMENT**

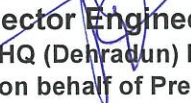
**Name of work:** Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)

**PART B**

**INDEX**

Sl. No.	Particulars	Sheet No.
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2	Performa of Schedule A to F	15-19
3	Table of Mile stones	19

Certified that this tender Document Part-B Contains pages from 13 to 19.

  
**Sector Engineer**  
SHQ (Dehradun) ITBP  
(For and on behalf of President of India)

CPWD FORM NO. 7  
GOVERNMENT OF INDIA  
INDO TIBETAN BORDER POLICE DEPARTMENT

STATE: Uttarakhand

SHQ(DDN) ITBP Seemadwar

PERCENTAGERATE TENDER & CONTRACT FOR WORKS

**Tender for the work:** Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35th BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)

To be submitted/uploaded online by 1600 Hrs on 23-05-2026 (date) through website www.eprocure.gov.in to Second in Command (Engineer) SHQ (DDN), Seemadwar, Dehradun (UKD).

- i) The bid to be opened online in presence of tenderers who may be present at 1600 Hrs on 25-05-2026 (date) in the office of Second in Command (Engr) SHQ(DDN) ITBP, Seemadwar, Dehradun (UKD).

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 and 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 / Special conditions, Designs, Drawings and instructions in writing referred to in Rule 1 of general rule and directions and in clause 11 of the conditions of the contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/we agree to keep the tender open for 75 days from the due date of its opening and not to make any modifications in its terms and conditions.

I/we have deposited EMD for the prescribed amount Rs. 3,68,049/- in the office of concerned DIG SHQ (DDN) office, or any other ITBP formations as per bid documents.

A copy of earnest money deposit receipt of prescribed amount Rs. 3,68,049/- deposited in the form of insurance surety bonds, account payee demand draft, Fixed deposit receipt, bankers cheque or Bank Guarantee as (As Prescribed) issued by a Commercial Bank, is scanned and uploaded (Strike out as the case may be).

If I/we fail to furnish the prescribed Performance Guarantee within prescribed period, I/we agree that the said President of India or his successor in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money absolutely. Further if I/we fail to commence the work as specified, I/we agree that President of India or his successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the Performance Guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2. and 12.3 of the tender form (General conditions of contract for Construction CPWD works -2023). Further, I/We agree that in case of forfeiture of earnest money and performance guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.

Signature of Tenderer with stamp

Signature of Tender calling authority

उप कमिश्नर (अभियंता)  
क्षे.मु. (देहरादून) भा.ति.सी. पुलिस  
SHQ (DDN) I.T.B. Police

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 from the 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 therefrom to any person other than a person to whom I/we/am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:  
Witness: -  
Address: -  
Occupation: -  
Telephone No.  
Fax:-  
E-Mail:-

} Signature of Contractor .....  
Postal Address: - .....  
}

**ACCEPTANCE**

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

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

- i)
- ii)
- iii)

Signature  
Dated: - .....  
**Sector Engineer, SHQ (DDN)**  
For & on behalf of the President of India.

Signature of Tenderer with stamp

उप कमाण्डेंट (अभियंता)  
Signature of Tender Calling authority  
क्षे.मु. (देहरादून) भा.व.सो. पुलिस  
SHQ (DDN) I.T.B. Police

## PROFORMA OF SCHEDULES

### SCHEDULE 'A'

Schedule of quantities-

As per Part D

### SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any. :- No any

### SCHEDULE 'E'

Reference to General Conditions of General Conditions of contract – CPWD GCC 2023 Construction works with all amendments up to last date of tender opening.

**Name of Work: - Construction of Boundary wall (Powder coated weld mesh panel) Guard room and 02 Nos Steel gate with boom barrier at 1<sup>st</sup> Bn ITBP Joshimath (UKD)**

Estimated Cost of work:	:	RS. 1,84,02,473/-
Earnest Money	:	Rs. 3,68,049/- (to be returned after receiving PG)
Performance Guarantee	- (a)	5% of tendered value or Estimated cost put to tender (ECPT) (whichever is higher)
	(b)	Wherever the tendered amount is less than eighty percent (80%) of the Estimated cost put to tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
Security Deposit	-	2.5% of tendered value.

### SCHEDULE 'F':

**General Rules & Directions: -**

1. Officer Inviting Tender – 2 I/C(Engr), SHQ (DDN) ITBP, Seemadwar Dehradun (UKD)

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 (c) See below

**Definitions: -**

2 (vi) Engineer-In-Charge- 2I/C (Engr), SHQ (DDN), ITBP Seemadwar Dehradun (UKD) or Successor thereof i.e. DC(Engineer) SHQ(DDN)

2 (vii) Accepting Authority – 2 I/C (Engr), SHQ (DDN), ITBP Seemadwar Dehradun (UKD) or Successor thereof i.e., DC(Engineer) SHQ(DDN)

Signature of Tenderer with stamp

Signature of Tender Calling authority

उप कमांडेंट (अभियंता)  
By (Engr)  
SHQ (DDN) I.T.B. Police

2 (x) Percentage on cost of materials and labour to cover all overheads and profits - 15%

2(x)(a) Standard Schedule of Rates- CPWD 2023 with up-to-date correction slips and market rates (for which scheduled items not available in CPWD schedule).

2(xi) Department - Indo-Tibetan Border Police.

9(ii) Standard CPWD Contract Form -Modified GCC 2023 Construction works, CPWD form 7 amended/corrected up to (as approved by NIT approving authority)

**Clause-1 :**

- (i) Time allowed for submission of Performance guarantee, programme chart (Time and Progress) and applicable labour Licences, registration with EPFO, ESIC and BOCW Welfare Board, Provident Fund Nos. or proof of applying thereof from the date of issue of letter of acceptance. **15 days**
- (ii) Maximum allowable extension with late fee @0.1% per day of the Performance guarantee amount beyond The period provided in (i) above **07 days**

**Clause-2 :**

Authority for fixing compensation - **DIG (ENGR) HQ N Ftr**  
Under Clause 2

**Clause-5:**

Number of days from the date of issue of letter of acceptance for Reckoning date of start **-10 days**

Mile Stone - Refer Para (A) Table of Milestones

Time allowed for execution of work - **12 months (03 working seasons)**

**Authority to decide: -**

- i. Authority to convey the decision of shifting of milestone and extension of time - Engineer in Charge or Engineer-in-Charge of Major Component in case of Composite Contracts, as the case may be
- ii. Authority to decide rescheduling of milestone and extension of time - Engineer in Charge, SHQ (DDN)
- iii. Shifting of date of start in case of delay in handing over of site. - Engineer in Charge, SHQ (DDN)

**Performa of Schedules****Clause 05 schedule of handing over of site: -**

Portion of site	Description	Time period for handing over reckoned
Portion without any hindrance	100 %	Within 10 Days from date of issue of acceptance letter

**Clause 6 :-** Computerised Measurement Book (CMB)/  
Electronic Measurement Book (EMB)(i) Mode of measurement: Computerised Measurement Book (CMB)/  
Physical Measurement Book (MB)**Clause-7:** Gross work to be done together  
with net payment / adjustment of  
advances for material collected,  
if any, since the last such payment  
for being eligible to interim payment

Rs 50.00 lakhs

**Clause-7A:-**

Whether clause 7A shall be applicable

Yes

**Clause 8 A :**Authority to decide compensation on account  
if contractor fails to submit completion plans.**Engineer-In-charge****Clause-10A:-**List of testing equipment to be  
&

- As per CPWD manual 2024, SOP GCC &amp; 2023

**Clause-10-B (ii).**

Whether clause 10-B (ii) shall be applicable

- Yes

**Clause-10 C: -**

- Not Applicable,

**Clause-10-CC:**

- Not Applicable.

**Clause-11:-** Specifications to be followed for- Civil work: CPWD Specifications 2019  
Vol. I&II with up-to-date correction slips and  
Electrical work: CPWD specifications 2023 part  
I to VII with up-to-date Correction slips issued  
up to last date of submission of tenders.**Clause 12.2(C)**

17

Signature of Tenderer with stamp

Signature of Tender Calling authority

उप कमिश्नर (आवारा)  
डी.एम. (देहपुलिस) भा.वि.सी. पुलिस  
SHQ (DDN) I.T.B. Police

Deviation limit beyond which clause 12.2 (C) shall apply  
for building work - 100%

**12.4** (i) Deviation limit beyond which Clause 12.2 (C) shall apply  
for foundation works (except items mentioned in earth work Sub-Head in DSR and related items)  
- 100%

(i) Deviation limit for items in Earth work Sub-head of DSR  
And related items -100%

**Clause-16:-** Competent Authority for reducing reduced rates - DIG(Engr) HQ N Ftr

**Clause 18:-**

List of mandatory machinery, tools &  
plants to be deployed by the contractor at site. - As per CPWD manual 2024,SOP  
and GCC 2023

**Clause 19**

Clause 19 C Authority to decide penalty for reach default - Engineer-In-Charge

Clause 19 D Authority to decide penalty for each default - Engineer-In-Charge

Clause 19 G **Authority** to decide penalty for reach default - Engineer-In-Charge

Clause 19 K Authority to decide penalty for each default - Engineer-In-Charge

**Clause-25:**

A Conciliator- DIG (ENGR) respective Ftr works costing Up to Rs. 15 Cr.  
I.G. (ENGR) for works costing above 20 Cr.

B Arbitrator Appointing authority I.G. (ENGR) ITBP

C Place of arbitration : City of Concerned SHQ i.e. SHQ (DDN) Dehradun (Ukd)

**Clause-32 :**

Requirement of Technical Representative(s) and Recovery Rates: - As per CPWD manual 2024 and GCC 2023 with update correction slips issued up to last date of tenders

1. Assistant Engineer retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.
2. Diploma holder with minimum 10 years relevant experience with a reputed company can be treated at par Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.
3. Minimum recovery for not deploying Building Information Model (BIM) professional shall be Rs two Lakhs per month or as mentioned above, whichever is higher.

**Clause-38:-**

- i) Schedule / Statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 printed by C.P.W.D.
- ii) Variations permissible on theoretical quantities.
- a) Cement  
For works with estimated cost put to tender for more than 25 Lacs. 3 % plus / minus.  
For works with estimated cost put to tender for more than 25 Lacs. 2 % plus / minus.
- b) Bitumen for all work. 2.5% Plus side only and NIL on minus side.
- b) Steel Reinforcement and structural steel sections for each diameter, section and category. 2% plus / minus.
- c) All other materials. Nil.

**TABLE OF MILE STONE**

SI No.	Financial and physical Progress	Time Allowed (from date of start)	Amount to be withheld in case of non- achievement of milestone
1.	1/4 th (of Whole work)	1/4th (of whole time)	In the event of not achieving the necessary progress as assessed from the running payments 1% of the tendered value of work will be withheld for non-achieving each milestone.
2.	3/8th (of Whole work)	1/2th (of whole time)	
3.	3/4th (of Whole work)	3/4th (of whole time)	
4.	Full	Full	

GOVERNMENT OF INDIA  
INDO TIBETAN BORDER POLICE DEPARTMENT

INDEX - PART C

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**Scope of Consultancy (If applicable as per BOQ)**

The successful bidder hire a Government registered/ Approved consultant , soil investigation team, land surveyor , architect etc. as required for same and submit the details of same to Engineer-In-Charge with their Government registration / approved papers and after approval of same make and after approval of same from Engineer-In-Charge Contractor make agreement with that firm/firms and provide the copy of same for record purpose to department .After above consultant will produce line diagram, drawing and design of structure within the available items in the BOQ , If any major change required that consent of NIT approving authority to be taken before finalization of design. **The Contractor/Firms/Consultants shall provide detailed structural analysis, design and detailing of work. Consultant shall prepare and supply all the coordinated goods for construction drawings duly proof checked and approved as in scope of work of consultancy. The estimated cost of works for entire project for which Consultancy is to be provided is approximately ..... This is, however, merely for rough guidance.** The concurrence / Vetting of Design will be the part of consultant/ main Contractor from any Government approved Engineering College before execution of work.

**Main Scope of consultancy work**

- (i) **Architecture Drawings (Plan, Elevation, Sectional Elevation),**
- (ii) **Structural Design & Drawings, Working Drawings (Foundation Details, Details, Plumbing Details, Electrical Details, Sewerage etc.) etc.**
- (iii) **Carrying out soil investigation if directed by Engineer-In-Charge.**
- (iv) Architectural drawings and structural design and working drawing of foundation with proof check within **14 days** after issue of letter of intent (LoI).
- (v) Minimum **4 sets** of all finally **approved drawings** and two set of soft copies of the same will be furnished by the Consultant free of cost.
- (vi) Consultant will be **Responsible for taking all the Local body Approval like fire, SDMC etc. buildings in APPENDIX-A**, However, the fee for Local Body approval will be bear by the Department.
- (vii) The structural design shall be carried out in terms of latest editions and up-to-date correction/amendment/errata of BIS Codes (Bureau of Indian Standards), other relevant seismic/other codes for making Building Earthquake Resistant, sound engineering practices and as desired by the client/ Employer. Firm / Consultant will Responsible for all Designs and all Structural Drawings have to vetted by any Government approved Engineering College/Institution. **The fee for proof checking shall be borne by the Consultant.** The consultant will liaise and co-ordinate with such Institute approved by Engineer-in-Charge as and when required and as per the direction of Engineer-in-charge
- (viii) Preparation of building/structure wise detailed structural 'Good for Construction' drawings and minimum eight set of hard copy at suitable scale.
- (ix) Submission of all design calculations in hard and soft copies as per the direction of Engineer-in-charge.
- (x) Any other designing and detailing required for proposed building/Boundary Wall.
- (xi) Digital Survey if directed by Engineer-In-Charge.

**1. Soil Investigation: -**

Soil investigation as per latest BIS codes, drilling 08 to 10 or more numbers of bore hole as per site requirement including conducting SPT, sample collection at 1.5 Mtr interval in hilly terrain and every change of strata along with undisturbed sample collection at 1.5mtr, 3.0mtr, 4.5mtr, 6.0mtr upto 15Mtrs and so on at interval of every 1.5 Mtr and on change of strata and carrying out other related tests for carrying out safe bearing capacity of soil including, mobilization and demobilization of tools, machinery and man power including marking of bore hole location on ground as per direction of Engineer-in- charge. Preparation and submission of hard copies and soft copy in PDF format of the final report of all the test / field investigation/ laboratory test carried as detailed in specification inclusive of bore loads and recommendation of the parameter found out from the tests including safe bearing capacity for various foundation sizes and at various depth such as 1.5mtr, 2.0mtr, 3.0mtr, 4.5mtr, 6.0mtr upto 15 Mtrs.

**2. General:**

- (i) The Firm/Contractor should preferably interact closely with reputed Institutes with view to take relevant inputs from them for Engineering designs & other scope of work.
- (ii) Minimum four sets of all finally approved drawings, LOP and two set of soft copies of the same will be furnished by the Consultant free of cost. However, in case additional sets of drawings in hard copy are essentially required by the Employer/Client, the same shall also be provided free of cost and nothing extra shall be payable on this account.
- (iii) The details of the scope of the work involved mentioned in this Bid Document are broad and suggestive. Notwithstanding the details of the scope of the work and role of consultant mentioned elsewhere in this Bid Document, the consultant is required to provide consultancy services on all aspects of the work for planning and designing as mentioned in scope of work for construction.
- (iv) However, the employer reserves the right to exclude any of the above services from the scope of the consultant's work. In case of withdrawal of any services form the scope of consultant's work at later stage, the consultant shall be paid for the work done by him upto the date of withdrawal of such item/item of work and services. Here, decision of Engineer-in-charge as to the extent of work completed and accepted shall be final and binding on the consultant.
- (v) The Firm/Contractor shall maintain constant, regular and proactive interaction with the department, and structural / services proof consultants and parameters, preparation of preliminary designs/working drawings/ specifications etc.
  - (i) The consultation fees as per the schedule of fees are inclusive of fees payable by the Consultant to any other sub-consultant including green building consultant and Associates if engaged by him and nothing extra shall be payable by the employer on this account.
  - (ii) The fees payable to the consultant shall be in full discharge of functions to be performed by the consultant and no claim whatsoever against the employer in respect of any proprietary right or copy right by the consultant or any other party will be entertained. The consultant shall indemnify and keep indemnified the employer against any such claims and against all cost and expenses paid by the employer in defending against such claims.
  - (iii) If the consultant fails to execute any sub-component within specified time/extended time (as approved by Engineer-in-Charge) or the same is not to the satisfaction of Engineer-in-Charge then the Engineer-in-Charge may get the same component executed at the risk & cost of consultant. The whole expenditure thus incurred for satisfactory execution of sub-component shall be deducted from the amount due to consultant. The decision of Engineer-in-Charge will be final & binding.

## Form of Earnest Money Deposit Bank Guarantee Bond

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated ..... (date) for the construction of ..... (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we ..... registered office at ..... (hereinafter called "the Bank") are bound unto ..... the sum of Rs. .... (Rs. in words .....) for which payment well and truly to be made to the said ..... the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this ..... day of ..... 20.... THE CONDITIONS of this obligation are:

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

(2) If the contractor having been notified of the acceptance of his tender by the .....Engr, ITBP.....

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

OR

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

OR

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

OR

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

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

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

DATE .....

SIGNATURE OF THE BANK

WITNESS .....

SEAL

(SIGNATURE, NAME AND ADDRESS)

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

Signature of Tenderer with Stamp

Signature of Engineer-in-Charge

Dy. Commit (Engr.)

क्षे.मु. (देहयदून) भा.वि.सी. पुलिस

SHQ (DDN) I.T.B. Police

**FINANCIAL INFORMATION (FORM 'A')**

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

Financial years				
-----------------	--	--	--	--

- i. Gross Annual Turn Over on construction works.  
 ii. Profit/Loss (standalone financial statement and consolidated financial statement both).
- II. Financial arrangements for carrying out the proposed work.

Signature of Chartered Accountant with Seal

Signature of Bidder (s)

**FORM "B"****BANKER'S CERTIFICATE FROM A COMMERCIAL BANK**

(OM No. DG/SOP 2022/07 dated 09.11.2022)

This is to certify that to the best of our knowledge and information that M/s./Sh..... having marginally noted address, .....as a Customer of our bank are/ is respectable and can be treated as good for any engagement upto a limit of Rs..... (Rupees.....)

This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature) For the Bank

**NOTE**

1. Banker's Certificates should be on letter head of the Bank, addressed to tendering authority.
2. In case of Partnership firm, certificate should include names of all partners as recorded with the Bank.

**FORM "B-1"****FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT**

"It is to certify that as per the audited balance sheet and profit & loss account during the financial year ....., the Net Worth of M/s ..... (Name & Registered Address of individual/firm/ company), as on ..... (the relevant date) is Rs..... after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30 % in the last three years ending on (the relevant date)."

Unique Document Identification Number (UDIN) .....

Signature of Chartered Accountant .....

Name of Chartered Accountant .....

Membership No. of ICAI

Date and Seal

Signature of Tenderer with Stamp

Signature of Engineer-in-Charge

उप कमाण्डर (अभियंता)

Comdt (Engr.)

क्षेत्र (निर्माण) शा. ति. सी. पुलिस

SHQ (DDN) I.T.B. Police

**FORM-'C'**

**Detail of eligible similar nature of works completed during last seven years ending previous day of last day of submission of tenders**

S. No.	Name of work/ Project and location	Owner of sponsoring organization	Cost of work in crore of rupees	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. E mail/ telephone number of officer to reference may be made	Whether the work was done on back-to-back basis Yes/ No
1	2	3.	4	5	6	7	8	9	10

\* Indicate gross amount claimed and amount awarded by the Arbitration Tribunal.

Signature of Bidder (S)

**FORM-'C-1'****PROJECTS UNDER EXECUTION**

S. No.	Name of work/ Project and location	Owner of sponsoring organization	Cost of work in crore of rupees	Date of commencement as per contract	Stipulated date of completion	Upto date percentage progress of work	Slow progress if any and reasons thereof	Name and address. E mail/ telephone number of officer to reference may be made	Remarks
1	2	3.	4	5	6	7	8	9	10

Signature of Bidder (S)

Signature of Tenderer with Stamp

Signature of Engineer in Charge

Dy. Comdt (Engr.)  
 क्षे.मु. (देहरादून) भा.ति.सी. पुलिस  
 SHQ (DDN) I.T.B. Police

**SECTION III  
INFORMATION REGARDING ELIGIBILITY  
LETTER OF TRANSMITTAL**

From:  
To  
The Sector Engineer  
SHQ (DDN) Seemadwar, Dehradun (UKD)  
Subject: Submission of bids for the work of .....  
Sir,

Having examined the details given in the bid document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statement made and information supplied in the enclosed forms A to E and accompanying statement are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified solvency certificate and authorize the Executive Engineer ..... to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize Executive Engineer .....to approach individual, employers, firms and corporation to verify our competence and general reputation.
4. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Name of work	Certificate from

5. I/we hereby certify that I/we will use following structural system technology in the work (Applicable for EPC tenders under Mode I/II only) .....
6. I/we submit the certificate in support of having successfully completed the following work with the technology proposed to be used in the work (Applicable for EPC tenders under Mode I/II only)


Name of work	Certificate from

7. I/we hereby attaching copy of type test report conducted in respect of precast concrete construction system technology proposed to be used in the work (Applicable if precast concrete construction system technology is proposed by bidder for EPC tenders under MODE I/II only).
8. I/we hereby submit undertaking on structural stability and soundness as per prescribe format form 'F'.

Certificate: It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I/we shall be liable to be debarred, disqualified/cancellation of enlistment in case any information furnished by me / us is found to be incorrect.

Enclosures: Seal of bidder  
Date of submission:  
Signature(s) of Bidder (s). d

Signature of Tenderer with Stamp

  
 Dy. Commr. (Engr.)  
 SHQ (DDN) I/T.B. Police

## LIST OF APPROVED / PREFERRED MAKES FOR THE WORKS

Note:- As per higher head quarter and PPP-MII clause and no preferred make to be given for tenders of Government procurement. However, all material to be consumed will be fulfilled the all requirements of ISI Code concerned for same material and mark of ISI / BIS marks with CML NO and test report for same to be submit otherwise list will be approved by Engineer- In -Charge and contractor mutually before execution of work to prevent any dispute in future.

Notes- (i) Addition/deletion of items may be done by NIT approving authority.

\* (ii) Batch test certificate of Paints, primer, Cement etc (perishable material) shall be supplied along with each lot.

(iii) All material should be 1<sup>st</sup> Class / Premium quality only.

Note:- No material in work to be used without prior approval of Engineer in charge.

### 5.3 LIST OF SUGGESTED MAKES OF MATERIALS

Acceptable makes of materials to be used in the work are enclosed. In case of non-availability of the same makes, the Engineer-in-charge may permit the use of alternative makes, subject to specified guidelines. Only BIS marked materials shall be used in the work. Non-BIS marked materials may be permitted by the Engineer-in-charge only when BIS marked materials are not manufactured.

The contractor shall obtain prior approval from the Engineer-in-Charge before placing order for any specific material or engaging any of the specialized agencies. The contractor shall make a detailed submittal with catalogues and highlighted proposed specifications, as well as full details of the works executed by the specialized agency, as specified.

Unless otherwise specified, the brand, make of the material as specified in the item nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work.

In case of non-availability of the brand specified in the contract the contractor shall be allowed to use alternate equivalent brand of the material subject to submission of documentary evidence of non-availability of the specified brand. The necessary cost adjustments on account of above change shall be made for the material.

The materials will be used in the work only after sample of the materials are approved.

Signature of Tenderer with Stamp

  
Signature of Engineer-in-Charge  
Dy. Commr (Engr.)  
श्री.कु. (दिल्लदूर) भा.वि.सी. पुलिस  
SHQ (DDN) I.T.B. Police

## LIST OF SUGGESTED MAKES OF MATERIALS (CIVIL WORKS)

S. No.	Materials	List of Approved Make
1.	Ordinary Portland Cement/PPC	ACC / Ultratech / Ambuja Cement / J.K. Cement.
2.	White Cement	Birla White / J.K. White
3.	Reinforcement Steel TMT Bars	SAIL / Tata Steel Ltd. / Rashtriya Ispat Nigam Ltd (RINL) / JSW Steel Ltd. / Jindal Steel & Power Ltd.
4.	Structural Steel	SAIL / Tata Steel / Rashtriya Ispat Nigam Ltd (RINL) / JSW Steel Ltd. / Jindal Steel & Power Ltd.
5.	Water Proofing Compounds, Admixtures, Plasticizer, Super Plasticizer, Curing Compounds	Fosroc / ROFF / Pidilite / CICO / Sika / BASF / Ardex Endura (Bal Endura) / MC Baucheme / Impermo / UltraTech / M/s Perma Const. Aids Pvt. Ltd. / STP Ltd. / Penetron / Rammers
6.	Integral Water proofing compound with cement (For Plaster & Mortar)	Fosroc: Conplast 421 / Dr. Fixit: LW+ / Sika: Sikacim/ Asian Paints: Smart care vitalia / & equivalent product of BASF / CICO / Ardex Endura / STP Ltd.
7.	Water proofing for bathroom/toilet/balcony & other wet areas	Fosroc: Brush Bond / RFX / Nitocete 210 / CICO: Tapecrete / Dr. Fixit: Pidifine 2k / Sika: Nito Bond / Asian Paint: Damp Block 2 K / & equivalent product of BASF / Ardex Endura / STP Ltd. / Velosit
8.	Crystalline water proofing compound	Fosroc: Fosroc Crystalline / Dr. Fixit: Dr. Fixit Crystalline / Sika: Sika Crystalline / Asian Paint: Crystalline Quart & equivalent product of BASF / CICO/ Ardex Endura / Penetron / Xypex / Crytone / STP Ltd. / Velosit
9.	Polycarbonate Sheet	GE Plastic / LEXAN / MG Polyplast
10.	Profile steel sheet	Ezydeck of TATA / Lloyd Superdeck / JSW / Jindal / Hindalco
11.	Particle Board	Action TESA / Greenlam / Merino / Archid Ply
12.	Laminates	Action TESA / Greenlam / Century Ply / Merino / Sunmica / Decolam / Formica / Asislam
13.	Flush door shutters	Duro / Century / Durian / Green ply / Archidply / JAYNA (Jain Wood Industries) / Kutty flush door / Anchor / Kitlam / National / KITPLY / Kalpataru / Ecoboard NOTE: Only ISI marked flush door shutters to be used.
14.	Fire Rated Doors	Signum Fire Protection / Shakti Metdoor / NAVAIR / Sukri / Promat International / Bhawani Fire Pvt. Ltd.
15.	Hardware/Fixtures/Fittings for Fire rated doors including Glazed fire rated doors	Briton / AssaAbloy (King) / Dormakaba
16.	Fire Rated Glass	Saint Gobain / Pyran Schott / Pilkington / ASAI
17.	False Ceiling system	Armstrong / Hunter Douglas / Anutone, Dexune / USG Boral / Saint Gobain / Gyproc / Aerolite / Durlum / Interarch / Gyptech Systems / M/s Complete Infrastructure Pvt. Ltd. Of Make "BOLLARD" / Rajshri Plastiwood (Division of Rajshri Production Pvt. Ltd)
18.	Plywood/Veneer	Green ply / Century / Merino / Duro / Durian

Signature of Tenderer with Stamp

Signature of Engineer-in-Charge

उप कमिश्नर (अभियंता)  
 Dy. Commr. (Engr.)  
 श्री.कु. (देहरादून) भा.मि.सी. पुलिस  
 SHQ (DDN) I.T.B. Police

19.	Melamine Polish	Asian Paints Melamine Gold / Wudfin of Pidlite / Timbertone of ICI Dulux.
20.	Floor Spring & Door Closure	Godrej / Dorma / Dorset / Kich / Autoingress / Ozone
21.	Aluminium Section	Hindalco / Jindal / Indian Aluminium co.
22.	Aluminium door/Window/Partitions Fabricators	AluK / Kalco / Schuco / Reynaer / Technal
23.	Anodised Aluminium Hardware (Heavy Duty)	Kilong / Alualpha / Classic / Ebco
24.	Clear/Float/Frosted/Toughened Glass/Refractive Glass	Saint Gobain / AIS / Modiguard / Ashahi Float.
25.	Stainless Steel Railing, Accessories etc.	JINDAL / Dorma / Kich / GEZE / Godrej / Hardwyn / Hettich / Hefele / Autoingress
26.	S.S. Door /window & Fittings	Jindal / Dorma / Kich / Dorset / Godrej / Hardwyn / Hettich / Hefele, Autoingress / Rajshri Plastiwood (Division of Rajshri Production Pvt. Ltd)/ PRAYAG
27.	Silicon based water repellent/Weather Sealant	G.E. Plastics / Dow Corning / Wacker / BASF / Pidilite (Dr. Fixit/Roff) / STP Ltd.
28.	Poly-Sulphide Sealant	Fosroc / Pidilite / Dow Corning / Wacker / BASF/STF, STP Ltd.
29.	Mosaic tiles/Chequered Tiles	Ultra Tiles / NITCO / Hyper (Mayur) / Pavcon / OSWAL
30.	Ceramic Tiles	Kajaria / NITCO / Johnson /Orient. Note: The tiles manufactured at mother plant only to be used.
31.	Vitrified Tiles (Antiskid/Matt/Glazed) (only GVT vitrified tile permitted)	Kajaria / NITCO / Johnson /Orient. Note: The tiles manufactured at mother plant only to be used.
32.	Grouts, Tile Adhesive	Latecrete / Kerokoal / BASF / Ardex Endura / Ferrous Crete / STP Ltd. / OSWAL
33.	Paver block & Kerb Stone	Pavcon / Hyper Tiles/Dynamic Industries/Mayur / KK/ Power / Sharda, Navya / Spectra / Elegant / Kseries / Paegant / Tulip / OSWAL
34.	Dash/Anchoring Fasteners	HILTI / Fischer / Bosch / Wurth.
35.	Cement Based Wall Putty	Birla wall care / JK White / Berger / Asian Paints /
36.	Oil Bound Washable Distemper/ Dry Distemper	Asian Paints / Nerolac / Berger / Dulux ICI
37.	1st Quality Acrylic Distemper/ Dry Distemper	Asian Paints / Nerolac / Berger / Dulux ICI
38.	Acrylic Emulsion Paints	Asian Paint (Tractor Aqua Lock Paint) / Berger: Commando or equivalent paints of Nerolac or ICI- Dulux
39.	Plastic Emulsion Paints	Asian Paints: (Apolite Heavy Duty Premium Emulsion Paint) / Nerolac: Beauty Gold / Berger: Easy Clean / ICI-Dulux: 3 in 1
40.	Premium Acrylic Emulsion Paints (Interior)	Asian Paints: (Royal Luxury Emulsion) / Nerolac: Impression / Berger: Silk / ICI Dulux: Velvet touch
41.	Textured Exterior Paint	Asian Paints / Nerolac / Berger Paints / Ultratech Paints / Luxtire
42.	Acrylic Smooth Exterior Paint	Asian Paints: (Apex/Professional Premium Exterior Emulsion) / Nerolac: XL / Berger: Weather Coat / ICI-Dulux: Weather Shield

Signature of Tenderer with Stamp

Signature of Engineer-in-Charge  
Dy. Compt (Engg.)  
क्षे.मु. (देहरादून) भा.ति.सी. पुलिस  
SHQ (DDN) I.T.B. Police

43.	Premium Acrylic Smooth Exterior Paint with Silicon additive.	Asian Paints: Apex Ultima / Nerolac: XL Total / Berger: Weather Coat all guard / ICI-Dulux: Whether Shield max
44.	Cement Primer	Asian: Apcolite Premium gloss enamel / Nerolac: Synthetic Hi gloss / Berger: Luxol Hi gloss / ICI- Dulux: Gloss Synthetic enamel
45.	Steel Primer (Red Oxide Zinc Chromate Primer)	Nerolac / Berger / BP White(Berger) / Decoprime WT(Asian) / White primer(ICI)
46.	Wood Primer	Nerolac / Paints(Wood Primer- White/Pink) / Berger ICI / Nerolac
47.	Epoxy Paint	Asian / Nerolac / Berger / ICI / Kansai Akzo Nobel / Pidilite / CICO / Sika
48.	Fire Paint	Asian Paints / Akzo Nobel Coatings India Ltd. / PROMAT / Jotun
49.	G.I./ M.S. Pipe	Tata / Jindal / Prakash Surya
50.	G.I. Fittings	Unik / AVR / Zoloto
51.	HDPE Pipes	Reliance / Jain Pipes / ORIPLAST / Supreme/ PRAYAG / Savoir Faire Manufacturing Co. Pvt. Ltd. (SFMC)/SFMC
52.	DI PIPES	Electrosteel / Jindal Kapilansh / / TATA DUCTURA / Kesoram
53.	DI Fittings	Electrosteel / Jindal Kapilansh / / TATA DUCTURA / Kesoram
54.	CPVC pipe and Fittings	Astral / Supreme / Prince / Ashirwad / Savoir Faire Manufacturing Co. Pvt. Ltd. (SFMC)/ Flowguard / Finolex / RAVINDRA (HISAR) of M/s Ajay Polymers/ PRAYAG/ SFMC
55.	Centrifugally Cast spun) Iron Pipes & Fittings	NECO / SKF / RIF / Kapilansh / Electrosteel
56.	C.I. Manhole covers, frames,& GI Gratings	NECO / BIC / SKF / Kapilansh / RAJ Iron Foundary Agra
57.	SFRC Manhole gratings	K.K. Jain / PRAGATI / Tulip
58.	CP Brass Fittings (Superior Range)	Jaquar(Florentine and higher) / Grohe / Roca / Kohler
59.	CP Brass Fittings (Normal Range)	Hindware / Somany / Jaquar / Parryware / PRIMA (ISI marked) / CERA / ESS-ESS / Plumber / Kingston
60.	Mirror Glass	Atul / Modi Guard / Saint Gobain
61.	Sanitary ware, Fittings & accessories (Superior Range)	Kohler / Roca / Jaguar / Somany / Kajaria / Hindware / Kartar Valves Pvt. Ltd
62.	Sanitary ware, Fittings & accessories (Normal Range)	CERA / Parryware / Jaquar / Hindware / Kingston/ PRAYAG
63.	Stainless Steel sink	Neelkanth / Niralli / Jyna, Hindware / Frankee / Cobra / Kingston / Prayag
64.	RCC Pipes (NP-2)	Lakshmi / Sood & Sood / Jain Pipe Co.(Newai) / Mahaveer Enterprises (Newai) / Work well spun pipes pali / Nagpur cement product / Eagle pipe Kolhapur

Signature of Tenderer with Stamp

Signature of Engineer-in-Charge

उप कमिश्नर (अभियंता)  
By: [Signature] (Engr.)  
मे.मु. (देहरादून) भा.ति.सी. पुलिस  
SHQ (DDN) I.T.B. Police

65	UPVC doors & windows	Fenesta/Komerling/Rehau/Aluplast/Jangid Engg Works / Wintech / Duroplast / Saint Gobain / Rajshri Plastiwood (Division of Rajshri Production Pvt. Ltd)
66.	Extruded Polystyrene Insulation Board	Dowcorning / Supreme / Taxas / Analco
67.	Heat Resistant Tiles	Swastik / Thermatek / OSWAL
68.	Gypsum Plaster	Ferrous Crete, Gyproc - Saint Gobain / Ultra Tech / USG Boral / India Gypsum / Aerolite
69.	Floor hardener	Ironite / Ferrok / hardonate
70.	Modular Expansion Joint	Herculus / Sanfield India Ltd. Vexcolt / Kemper (Kemperol)
71.	Glass wool	Dow Corning U.P. / Twiga, Isover
72.	UPVC doors and window hardware	Rotto / Dorset / Kinlong / Rajshri Plastiwood (Division of Rajshri Production Pvt. Ltd)
73.	Ready Mixed Plaster	ACC / RMC India / Ultratech / Nuvoco / VALTECH / Armine / Ferrous Crete
74.	Aluminium Composite Panel	Alpolic / Aluco Bond / Reynobond / Euro bond / Al-strong / Virgo
75.	Designer coloured cement concrete floor tiles for outdoor use.	Ultra / Nitco / Hindustan / Raj-Tiles / OM Tiles
76.	Fibre Glass Shelf	Kamal / Bath King.
77.	Float Glass	Modi Float / Saint Gobain / Tata.
79.	FRP Shutters	Fibre Glass Engineers / Raipur / Om Ventures (E.P.Kamat Group)
80.	Glass Mosaic Tile	Bissazza / Saon.
81.	Hydraulic Door Closer/ Spring	Dorma / Kich / Godrej / Hettich / Hefele / Autoingress
82.	Metal False Ceiling	Armstrong / Dexune / Anutone / Trac / Durlum / New Age / M/s Complete Infrastructure Pvt. Ltd. Of Make "BOLLARD".
83.	Mineral Fibre Ceiling	Armstrong / Anutone / Daiken / Aerolite / USG Boral / M/s Complete Infrastructure Pvt. Ltd. Of Make "BOLLARD"
84.	Acoustic panels and ceiling	Armstrong / Anutone, Gyptech Systems / M/s Complete Infrastructure Pvt. Ltd. Of Make "BOLLARD"
85.	Clay tiles on Roof	Kenjai / Johnson.
86.	Orissa Pan	Hindware / Cera / Somany / Jaguar / Parryware
87.	PPR Pipes	Savoir Faire Manufacturing Co. Pvt. Ltd. (SFMC) / Safe / Pioneer.
88.	Plastic Connection Pipe	Parryware / Kamal / Delux / Somany / Hindware
89.	PVC Rain Water Pipe & Fitting IS:13592 Type A & B	Finolex / Supreme / Plasto / Ashirvad / RAVINDRA (HISAR) of M/s Ajay Polymers
90.	PVC Shutter	Rajshri / Sintex / Akal America.
91.	PVC Tank	Sintex / Star / Lotus / Plasto.
92.	SS Railing	Metallica India / Stark steel Fabricator / Mobel Hardware / ICICH Industries / Essal / Kich / D- Line / Godrej / Dorma

Signature of Tenderer with Stamp


Signature of Engineer-in-Charge

उप कमिश्नर (अभियंता)  
Dy. Commr. (Engr.)  
क्षे.मु. (देहरादून) भा.ति.सी. पुलिस  
SHQ (DDN) I.T.B. Police

93.	Towel Ring/Towel Rod/Towel Rack	Jaquar / Marc / Roca / Kohler
94.	RMC (Ready mix concrete)	ACC / RMC India / Ultratech / Nuvoco
95.	Mangalore Tiles	Johnson / Kenjai / Monier
96.	RCC Door Frame	Ventura / Mahalaxmi
97.	Galvalum Sheet	Jindal / Tata Multicolour Bluescope / JSW / Interach /
98.	PTMT	Prayag / Supreme / Kingston
99.	Anti Carbonation Paint	Dulux (ICI) / Asian / Berger
100.	Fly Ash Bricks	C'Cure / Shree adhe Enterprises
101.	AAC Block	Ultratech / Aerocon from HIL / Siporex India limited / Ultralite/ Insta Block / Shree / GCC Thermal.
102.	AAC Block Adhesive	Ultra Tech / Ardex Endura / Ferrous Crete / Bostik / M/s Delite Blocks Pvt. Ltd. / Siporex
103.	PUF sandwich Panel	Sintex / Llyod / Jindal / Multicolour / Interarch
104.	Polymer Based Contentious Water Proof Coatings/Polyurea treatment	Ardex Endura / Dow / BASF / Mc-Bauchemie / Sika / Fosroc / Pidilite / Berger / Asian Paint Smartcare / Xterra/ velosit
105.	Expansion wires Joint	Vexcolt International Ltd. / Construction Specialities / Sainfield / Hercules / MIGUA / Mapei / Balco India / Z-tech / Inprocorp / Moldo Sports.
106.	Expansion Filler board	Supreme / Insuboard / Shalimar / Own corning / Technicol.
107.	Roller/Roman/Vertical blinds	Vista / Mac or equivalent.
108.	WPC	Rajshree / Alstone / Century
109.	All wires and armored Al/Cu cables/TV cable/ Telephone wire	Havells/RR Kable/ Polycab/ KEI/ Richa
110.	Steel Conduit/ PVC Conduit	AKG/ BEC/ RM CON/ Ploycab/ Richa/ Precision
111.	Modular type switch/ socket/ Fan regulator/ RJ45/TV socket	Legard/ Hevells (coral/ Honeywell /Schneider/ hanger (Insysta)
112.	MCB DB/ MCB	Legard/ Hevells (coral/ Honeywell /Schneider/ hanger (Insysta)
113.	MCCB	Legard/ Hevells (coral/ Honeywell /Schneider/ hanger (Insysta)
114.	Ceiling fan /Exhaust	USHA/ Hevells/ Crompton/ Orient
115.	GI/MS pipe (ISI Marked)	Jindal/ TATA
116.	DWC/ HDPE pipe	Gemini/ Tirupati/ Duraline/ Rxs/ Astral

**note:**

- All the product should comply with Mill policy of Govt of India and any in case of any contradiction in the Mill policy in any of the material in the work, directions given in order P-45021/2/2017-BE-II Dtd. 15.06.2017 and revised order Dtd. 16.09.2020 and order P-45021/2/2017-PP (BE-II) –Part(4) Vol.-II dated 19.07.2024 of DPIIT (Department for Promotion of Industry and Internal Trade) for Public Procurement (Preference to make In India) and office memorandum no P-45021/69/2023-BE-II (E-183080) dtd 13.11.24 of ministry of Commerce and industry & internal trade, PP Section Udyog Bhawan New Delhi Govt. of India shall prevail.
- Engineer-in-Charge reserves the right to add/delete any make/brand of Make in India in the list of suggested makes/brands.

  
**Sector Engineer**  
**SHQ (Dehradun) ITBP**  
**Seemadwar, Dehradun (UKD)**

Signature of Tenderer with Stamp

Signature of Engineer in Charge

  
**Dy. Comdt (Engr.)**  
**क्षे.मु. (देहरादून) भा.ति.सी. पुलिस**  
**SHQ (DDN) I.T.B. Police**

GOVERNMENT OF INDIA  
INDO TIBETAN BORDER POLICE DEPARTMENT


SSS

PART- D  
GENERAL INDEX

Sl. No.	Content	Page No./Appendix
1.	Schedule of Quantities	"A"
2.	Drawings "	"B"

  
Sector Engineer  
SHQ (Dehradun) ITBP  
Seemadwar, Dehradun (UKD)

Signature of Tenderer with Stamp

  
Signature of Engineer-in-Charge  
By. Control (Engg.)  
शे.मु. (देहरादून) भा.लि.सी. पुलिस  
SHQ (DDN) I.T.B. Police



## SCHEDULE OF QTY

**Name of Work:-** Construction of infrastructure at ITBP location situated in Nelong Valley approx. 11614 ft and 126 km from 35 BN ITBP Mahidanda (UKD) connected by metalled road. (SH:- Accommodation and Office)

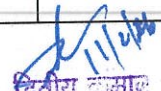
SL No	Description	Total Qty	Unit	Total Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.: All kinds of soil	333.06	cum	₹ 243.52	₹ 81,105.96
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 lift upto 1.5 m, as directed by Engineer-in-charge.: Ordinary rock	71.82	cum	₹ 684.46	₹ 49,157.62
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.	77.59	cum	₹ 357.11	₹ 27,708.43
4	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.: Ordinary rock	13.69	cum	₹ 868.36	₹ 11,887.89
5	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. exceeding 80 mm dia. but not exceeding 300 mm dia	20.00	metre	₹ 483.13	₹ 9,662.50
6	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.	188.79	cum	₹ 268.90	₹ 50,765.31
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)	1.58	cum	₹ 10,808.75	₹ 17,077.83
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	21.76	cum	₹ 9,345.59	₹ 2,03,359.98
9	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), 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).	23.79	cum	₹ 24,542.80	₹ 5,83,873.18
10	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	75.80	cum	₹ 12,410.14	₹ 9,40,688.29
11	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	40.31	cum	₹ 14,889.49	₹ 6,00,195.25

Sign of Tenderer with Stamp

11/2/20  
 द्वितीय कमान (अभियंता)  
 Second-In-Command (Engr.)  
 Sign of Engineer-In-Charge  
 से.मु. (दहसदून) भा.ति.सी. पुलिस  
 SHQ (DDN) I.T.B. Police


12	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	29.45	cum	₹ 15,784.74	₹ 4,64,860.61
13	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	123.12	sqm	₹ 538.00	₹ 66,238.85
14	Centering and shuttering including strutting, propping etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	165.24	sqm	₹ 1,155.86	₹ 1,90,993.50
15	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	128.54	sqm	₹ 1,272.12	₹ 1,63,518.57
16	Centering and shuttering including strutting, propping etc. and removal of form for : Shelves (Cast in situ)	4.50	sqm	₹ 1,272.12	₹ 5,724.55
17	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	309.41	sqm	₹ 1,010.29	₹ 3,12,593.60
18	Centering and shuttering including strutting, propping etc. and removal of form for :Columns, Pillars, Piers, Abutments, Posts and Struts	158.40	sqm	₹ 1,318.84	₹ 2,08,903.67
19	Centering and shuttering including strutting, propping etc. and removal of form for : Edges of slabs and breaks in floors and walls Under 20 cm wide	86.90	metre	₹ 286.12	₹ 24,863.48
20	Centering and shuttering including strutting, propping etc. and removal of form for : Weather shade, Chajjas, corbels etc., including edges	11.02	sqm	₹ 1,304.84	₹ 14,379.37
21	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.	11418.38	kg	₹ 147.96	₹ 16,89,493.18
22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.: Thermo-Mechanically Treated bars of grade Fe-500D or more.	8808.32	kg	₹ 147.96	₹ 13,03,301.78
23	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 seperately).	88.70	cum	₹ 11,433.18	₹ 10,14,123.46
24	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	30.01	cum	₹ 10,030.52	₹ 3,01,016.00
25	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded 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	2.94	sqm	₹ 7,046.64	₹ 20,717.13
26	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	4.30	metre	₹ 780.01	₹ 3,354.05
27	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.	1.00	each	₹ 1,342.71	₹ 1,342.71
28	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.	96.21	sqm	₹ 1,739.54	₹ 1,67,361.01
29	Providing and fixing in wall lining 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand, including priming coat on unexposed arrangement and necessary nails & screws etc. complete as per direction of Engineer-in-charge.	241.42	sqm	₹ 2,757.60	₹ 6,65,739.79

Sign of Tenderer with Stamp

  
 द्वितीय क्रमांक (अनुबंध-1)  
 Second-In-Charge  
 Sign of Engineer-In-Charge  
 श्री. (पञ्जाब) ए.ए.ए.ए.ए.  
 SHO (DDN) I.T.B. Police


30	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.: 25 mm thick	210.45	sqm	₹ 6,088.35	₹ 12,81,293.46
31	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 (hold fast lugs or dash fastener shall be paid for separately). Sal wood	1.85	cum	₹ 1,59,857.70	₹ 2,95,417.02
32	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Sal wood	4.67	cum	₹ 1,43,715.64	₹ 6,71,008.30
33	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick : Float glass panes 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm).	4.86	sqm	₹ 3,567.64	₹ 17,338.71
34	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.: Kiln seasoned and chemically treated hollock wood 35mm thick	17.82	sqm	₹ 4,835.85	₹ 86,174.80
35	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	25.41	sqm	₹ 4,765.88	₹ 1,21,100.99
36	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 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	10.82	sqm	₹ 3,282.55	₹ 35,517.17
37	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).	25.41	sqm	₹ 634.31	₹ 16,117.86
38	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete : 25 mm dia	46.40	metre	₹ 721.02	₹ 33,455.23
39	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	150.00	each	₹ 313.97	₹ 47,094.93
40	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	26.00	each	₹ 605.84	₹ 15,751.95
41	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	12.00	each	₹ 1,172.52	₹ 14,070.24
42	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete. 50 mm	3.00	each	₹ 489.44	₹ 1,468.31
43	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.	18.00	each	₹ 101.87	₹ 1,833.58
44	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	14.00	each	₹ 166.90	₹ 2,336.53
45	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	14.00	each	₹ 1,348.81	₹ 18,883.38
46	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	4.00	each	₹ 416.04	₹ 1,664.15
47	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : 300x10 mm	8.00	each	₹ 178.49	₹ 1,427.90

Sign of Tenderer with Stamp

  
 द्वितीय कमान (अभियंता)  
 Sign of Engineer in Charge (enr.)  
 से.सु. (देहरादून) भा.वि.सी. पुलिस  
 SHQ (DDN) I.T.B. Police


48	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	98.00	each	₹ 113.25	₹ 11,098.78
49	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.	5.00	each	₹ 138.29	₹ 691.45
50	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	45.00	each	₹ 90.89	₹ 4,090.07
51	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 100 mm	18.00	each	₹ 81.70	₹ 1,470.57
52	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	16.00	each	₹ 98.09	₹ 1,569.49
53	Providing and fixing magnetic catcher of approved quality in cupboard / wardrobe shutters, including fixing with necessary screws etc. complete.: Double strip (horizontal type)	24.00	each	₹ 54.47	₹ 1,307.17
54	Providing and fixing to existing door frames.: 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	6.30	sqm	₹ 5,104.61	₹ 32,159.03
55	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand including 2mm thick PVC edge banding tape with hot glue by edge bending machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer-in-charge.(Payment of providing and fixing auto closing hinges shall be paid separately)	10.26	sqm	₹ 3,881.53	₹ 39,824.53
56	Providing and fixing 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand boxes, shelves, racks, almirah, cupboard and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-in-charge.	31.68	sqm	₹ 3,557.62	₹ 1,12,705.41
57	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.	14.00	one set	₹ 1,214.30	₹ 17,000.13
58	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)	117.00	kg	₹ 731.58	₹ 85,595.06
59	Providing and fixing 2mm thick 16 to 19mm wide PVC edge binding tape of approved quality for cupboard/wardrobe shutters including necessary synthetic resin hot pressed to edges on binding machine etc. complete as per directions of Engineer- in-charge.	28.80	metre	₹ 60.09	₹ 1,730.61
60	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	835.09	kg	₹ 161.00	₹ 1,34,446.14
61	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.: Using M.S. angels 40x40x6 mm for diagonal braces	2.15	sqm	₹ 7,963.16	₹ 17,120.80

Sign of Tenderer with Stamp

  
 द्वितीय कमान्ड (अनर्भर)  
 Second-In-Command (Eng  
 Sign of Engineer in Charge पुकि  
 SHO (DDN) I.T.B. Police

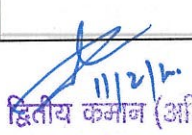
62	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.: Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	24.26	kg	₹ 194.40	₹ 4,716.20
63	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	6492.14	kg	₹ 266.70	₹ 17,31,474.46
64	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	163.30	kg	₹ 133.35	₹ 21,776.32
65	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.: In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	100.00	kg	₹ 236.80	₹ 23,679.51
66	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.: M.S. tube	28.88	kg	₹ 270.00	₹ 7,797.48
67	Providing and fixing 25mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 of approved brand in flooring etc. including necessary nails,screws etc. complete as per direction of Engineer-in-charge.	101.15	sqm	₹ 3,524.15	₹ 3,56,467.77
68	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.: 40 mm thick with 20 mm nominal size stone aggregate	54.98	sqm	₹ 842.64	₹ 46,328.31
69	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand):. Dark shade pigment using ordinary cement	7.50	sqm	₹ 1,535.88	₹ 11,519.07
70	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, 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., complete.	21.56	sqm	₹ 1,824.67	₹ 39,339.82
71	Providing and fixing plain multipurpose cement board (Hight pressure steam cured) with suitable screws for cement particle board in ceiling etc. complete (frame work to be paid seperately):. 6 mm thick Cement fiber board, Type-B, Category-III as per IS: 14862 : 2000	143.33	sqm	₹ 1,264.85	₹ 1,81,291.07
72	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.	264.58	sqm	₹ 1,013.38	₹ 2,68,119.05
73	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)	47.92	metre	₹ 730.35	₹ 34,998.23
74	Providing and fixing thermal insulation with Resin bonded rock wool conforming to IS: 8183, density 48 kg/m3, 50 mm thick, wrapped in 200 G virgin Polythene bags placed over existing false ceiling and held in position by criss-crossing GI wire.	123.85	sqm	₹ 433.60	₹ 53,701.17
75	Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m3,50 mm thick,wrapped in 200 G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held and in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	458.81	sqm	₹ 442.45	₹ 2,02,999.30

Sign of Tenderer with Stamp

  
 द्वितीय कमान (अभियंता)  
 Sign of Engineer-in-Charge  
 शे.मु. (देहरादून) भा.वि.सी. पुलिस  
 SHO (DDN) I.T.B. Police

76	12 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	437.09	sqm	₹ 476.13	₹ 2,08,110.92
77	Distemping 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	178.74	sqm	₹ 254.70	₹ 45,524.86
78	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	259.55	sqm	₹ 306.76	₹ 79,620.48
79	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)	162.54	sqm	₹ 220.33	₹ 35,812.76
80	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	551.38	sqm	₹ 310.40	₹ 1,71,147.89
81	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	391.19	sqm	₹ 214.09	₹ 83,749.74
82	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)	36.03	sqm	₹ 4,184.18	₹ 1,50,756.03
83	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	0.79	cum	₹ 13,880.64	₹ 10,965.70
84	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	5.00	each	₹ 8,938.88	₹ 44,694.39
85	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	1.00	each	₹ 3,634.04	₹ 3,634.04
86	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	5.00	each	₹ 5,433.60	₹ 27,167.99
87	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	5.00	each	₹ 2,309.44	₹ 11,547.19
88	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 225 mm	1.00	sqm	₹ 10,309.57	₹ 10,309.57

Sign of Tenderer with Stamp

  
 द्वितीय कमान (अभियंता)  
 Second-In-Command (Engr.)  
 Sign of (Engineer) in Charge. पुलिस  
 SHQ (DDM) T.B. Police

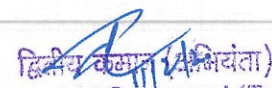
89	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00	each	₹ 479.01	₹ 479.01
90	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	4.00	each	₹ 9,522.22	₹ 38,088.89
91	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	6.00	each	₹ 142.54	₹ 855.26
92	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	1.00	sqm	₹ 160.10	₹ 160.10
93	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	9.00	each	₹ 2,205.99	₹ 19,853.95
94	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	5.00	each	₹ 1,486.49	₹ 7,432.43
95	Providing and fixing toilet paper holder : C.P. brass	4.00	each	₹ 1,102.62	₹ 4,410.48
96	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms	5.00	each	₹ 158.18	₹ 790.92
97	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour.: Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms	2.00	each	₹ 167.92	₹ 335.85
98	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	5.00	each	₹ 230.96	₹ 1,154.82
99	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	5.00	each	₹ 318.22	₹ 1,591.10
100	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.: 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	5.00	each	₹ 972.63	₹ 4,863.15
101	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	1.00	each	₹ 978.46	₹ 978.46
102	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS 15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer-in-Charge. Internal Exposed on walls: PN - 16 Pipe, 20mm OD (SDR-7.4)	58.80	metre	₹ 373.16	₹ 21,942.10
103	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work : PN - 16 Pipe, 25 mm OD (SDR-7.4)	38.40	metre	₹ 363.63	₹ 13,963.39
104	Providing and fixing PPR Unions: PPR Union 20mm	3.00	each	₹ 432.84	₹ 1,298.53
105	Providing and fixing PPR Unions: PPR Union 25mm	3.00	each	₹ 458.22	₹ 1,374.67
106	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	26.00	each	₹ 134.11	₹ 3,486.76
107	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep ( inside) with chained lid and RCC top slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size ) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	4.00	each	₹ 14,902.45	₹ 59,609.81
108	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	1.00	each	₹ 695.29	₹ 695.29
109	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	1.00	each	₹ 1,096.10	₹ 1,096.10
110	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931: 15mm nominal bore	26.00	each	₹ 787.90	₹ 20,485.38
111	Providing and fixing PTMT grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole	10.00	each	₹ 71.13	₹ 711.35

Sign of Tenderer with Stamp

द्वितीय-कर्मचारी (अभियंता)  
 Sign of Engineer-In-Charge  
 प्रमुख (विद्युत्) भा.वि.सी. पुलिस  
 राजस्थान पुलिस

112	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.: 20 mm nominal bore, 120 mm long, weighing not less than 198 gms	2.00	each	₹ 353.41	₹ 706.82
113	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	5.00	each	₹ 152.90	₹ 764.51
114	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.: 15 mm nominal bore with 45 cm length	3.00	each	₹ 167.24	₹ 501.71
115	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round PVC SWR pipes including bed concrete as per standard design : 110 mm diameter PVC SWR Pipe	20.00	metre	₹ 954.59	₹ 19,091.78
116	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design : With 20x20 mm square bar	5.00	each	₹ 747.29	₹ 3,736.45
117	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	2.00	each	₹ 36,852.65	₹ 73,705.29
118	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion, Powder coated aluminium (minimum thickness of powder coating 50 micron)	354.09	kg	₹ 728.36	₹ 2,57,904.16
119	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately), Powder coated aluminium (minimum thickness of powder coating 50 micron)	98.98	kg	₹ 870.42	₹ 86,154.27
120	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.	21.24	sqm	₹ 6,856.49	₹ 1,45,631.94
121	Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-charge complete.: 255 X 19 mm	25.00	each	₹ 530.94	₹ 13,273.42


Sign of Tenderer with Stamp

  
 Second-In-Command (Engr.)  
 के.मु. (देहयदूर) भा.ति.सी. पुलिस  
 Sign of Engineer-In-Charge




135	Supplying and fixing following modular switch/ socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required.: Bell push	4.00	each	₹ 159.00	₹ 636.00
136	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	10.00	each	₹ 47.00	₹ 470.00
137	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)	12.00	each	₹ 354.00	₹ 4,248.00
138	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.	13.00	each	₹ 545.00	₹ 7,085.00
139	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 and 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	29.00	each	₹ 659.00	₹ 19,111.00
140	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	10.00	each	₹ 104.00	₹ 1,040.00
141	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	4.00	each	₹ 112.00	₹ 448.00
142	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.: Upto 450 mm sweep	5.00	each	₹ 776.00	₹ 3,880.00
143	Wiring for group controlled (looped) light point/fan point/exhaust fanpoint/ call bell point ( without independent switch etc.) with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVCinsulated copper conductor single core cable etc. as required.: Group A	22.00	point	₹ 776.00	₹ 17,072.00
144	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	18.00	each	₹ 757.00	₹ 13,626.00
145	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): 12 way , Double door	1.00	each	₹ 2,871.00	₹ 2,871.00
146	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer ) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.): 4 way (4 + 12), Double door	4.00	each	₹ 7,951.00	₹ 31,804.00
147	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	56.00	each	₹ 285.00	₹ 15,960.00
148	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.: Double Pole	1.00	each	₹ 696.00	₹ 696.00
149	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	16.00	each	₹ 14.00	₹ 224.00
150	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.: 63 A	17.00	each	₹ 569.00	₹ 9,673.00
151	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 metre long etc. with charcoal/ coke and salt as required.	2.00	Set	₹ 15,004.00	₹ 30,008.00
152	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	44.00	metre	₹ 1,246.00	₹ 54,824.00
153	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.	2.00	each	₹ 422.00	₹ 844.00
154	Jointing copper/GI tape (with another copper/GI tape, base of the finial or any other metallic object) by riveting/nut bolting/sweating and soldering etc as required	24.00	each	₹ 139.00	₹ 3,336.00

Sign of Tenderer with Stamp

  
 द्वितीय दस्तावेज (अभियंता)  
 Second-In-Command (Engr.)  
 शे.मु. (देहरादून) भा.ति.सी. पुलिस  
 SHO (DDM) I.T.B. Police  
 Sign of Engineer -In-Charge


155	<p>Supplying, installation, Testing &amp; 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 &gt;85%, Operating voltage AC 140-270 Volt, freq 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short &amp; Open circuit protection ,THD &lt; 10% , P. F.≥0.95, IP20, CRI &gt;80, UGR (Unified Glare Rating) &lt; 19, Flicker free (flicker should be below 5 %), life time (LED, Driver &amp; 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 /6000°K/6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) &lt;3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. "complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥120 &lt;135 lm/Watt output . LM79 &amp; LM80 Test report from NABL lab for 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):. 8 - 10 watt</p>	69.00	each	₹ 624.00	₹ 43,056.00
156	<p>LED Batten light (System lumen efficacy ≥120 &lt;135 lm/Watt) Supplying, installation, Testing &amp; 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 &gt;85%, Operating voltage AC 140- 270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short &amp; Open circuit protection ,THD &lt; 10% , P. F.≥0.95, IP20, CRI &gt;80, Flicker free (flicker should be below 5 %), life time (LED,Driver &amp; 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 Colour Matching) &lt;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 ≥120 &lt;135 lm/Watt output . LM79 &amp; 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 &gt; 1.20 mm) : 18- 22 Watt</p>	25.00	each	₹ 734.00	₹ 18,350.00
157	<p>Supplying, installation, Testing &amp; 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 &gt;85%, Operating voltage AC 140-270 Volt, freq 50/60 hz, Operating temp range - 15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short &amp; Open circuit protection ,THD &lt; 10% , P. F.≥0.95, IP20, CRI &gt;80 , Flicker free (flicker should be below 5 %), life time (LED,Driver &amp; electrical circuitry), of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends,CCT 3000°K / 4000°K / 5700°K /6000°K /6500°K (As per ANSI Bin), SDCM (Standard Deviation Color Matching) &lt;3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥120 &lt;135 lm/Watt output . LM79 &amp; LM80 Test report from NABL lab for 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). CRCA Sheet Body (Thickness ≥ 0.50 mm): 18- 22 watt</p>	16.00	each	₹ 681.00	₹ 10,896.00
158	<p>Providing and fixing wooden laminated flooring 8 mm thick AC-4 grade of approved brand with 0.10 mm thick polythene sheet as moisture barrier and 2.0 mm thick foam for hush factor as per approved colour, shade and design for all pattern complete as per direction of Engineer-in-Charge.</p>	115.00	sqm	₹ 1,604.20	₹ 1,84,483.00

Sign of Tenderer with Stamp

  
 द्वितीय कमान (अभियंता)  
 Sign of Engineer-in-Charge  
 Second-in-Command (Engr.)  
 क्षे.मु. (विद्युत्) शा.नि.सी. पुलिस

159	Providing & fixing GI chicken wire mesh 24 gauge & 12 mm mesh and 300 mm width for construction joints and chasing in brick work for electrical conduits or water supply pipes including cement slurry and pegs/ nails with nailing machine as required before plastering etc. complete.	98.34	sqm	₹ 306.15	₹ 30,106.79
160	Providing & fixing Hand Shower (health faucet) with 8mm dia, 1.2 metre long flexible tube & wall hook with N.R.V (Back flow preventer) all complete fittings as per directions of Engineer-in-charge.	4.00	each	₹ 1,348.65	₹ 5,394.60
161	Providing & fixing 2-way Bib Cock with wall flange all complete fittings as per directions of Engineer-in-charge.	4.00	each	₹ 1,438.85	₹ 5,755.40
162	Providing and fixing unplasticised Rigid PVC SWR sanitary pipes in soil, waste and vent pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter.	75.10	metre	₹ 658.85	₹ 49,479.64
163	Providing and fixing unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC SWR pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.50 : 110 mm Bend with door.	2.00	each	₹ 392.30	₹ 784.60
164	Providing and fixing unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC SWR pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.50 : 110 mm Bend.	18.00	each	₹ 313.40	₹ 5,641.20
165	Providing and fixing unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC SWR pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 110 mm Single Tee with door.	5.00	each	₹ 572.00	₹ 2,860.00
166	Providing and fixing unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC SWR pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 110x110 mm SWR ring fit Nahani Trap with Jali.	12.00	each	₹ 350.80	₹ 4,209.60
167	Providing and fixing unplasticised - PVC moulded fittings / accessories for unplasticised Rigid PVC SWR pipes conforming to IS : 13592 Type B, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 110mm x 110mm SWR Gully Trap without Jali.	5.00	each	₹ 894.80	₹ 4,474.00
168	Providing and placing on terrace (at all floor levels) PuF insulated (thickness of PuF insulation not less than 75mm having minimum density 44kg/m <sup>3</sup> ±10%) cylindrical triple layer water storage tank (inner tank will be triple layer HDPE food grade material conforming to relevant IS specification and outer 5mm thick FRP joint less casing) conforming to ISI : 12701 of 1996 along with hinged top lid of same material and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	2000.00	litre	₹ 45.50	₹ 91,000.00
169	Supplying of silent type 250 mm sweep PVC exhaust/ventilation fan having max. speed of 1350 rpm, 230V~50 Hz AC single phase with minimum air delivery 550 CMH, noise limit-not more than 50 dB with Automatic back louvers all fittings & fixture, suitable for window and wall mounted installation etc all complete. 250 mm sweep.	5.00	each	₹ 2,087.50	₹ 10,437.50
170	Supply, Installation, Testing and Commissioning of Electric water heater (Geysers) Rust free, water proof and Shock Proof outer body with attractive looks and corrosion resistant inner tank of Super Grade SS thickness 1.8 mm or higher, resistant to hard water, 5 Star Certification by BEE with appropriate rated power inputs, 230V~50 Hz, AC single Phase, Temperature range of 25°C to 75°C, Indicators for Power (Green) and Heating (Red) status, Magnesium anode type element coated with special coating to prevent from corrosion and hard water with IS certification, over heat protection with thermal Cut-out Mechanism for dual heat protection with connection pipe for inlet and outlet, geysers fasteners and 20 amp 3 pin plug Top complete etc. as required.: 15 litres (Horizontal/Vertical type).	5.00	each	₹ 18,550.70	₹ 92,753.50
171	Carrying out consultancy services for structural design, drawings and vetting of design from IIT or NIT as per direction of Engineer-in-Charge.	1	Job	₹ 91,554.59	₹ 91,554.59
<b>Total</b>					<b>₹ 1,84,02,472.57</b>
<b>SAY</b>					<b>₹ 1,84,02,473.00</b>

Sign of Tenderer with Stamp

  
 द्वितीय कमान (अभियंता)  
 Second-In-Command (Engr.)  
 क्षेत्र (विहार) भा.वि.सी. पुलिस  
 Sign of Engineer-In-Charge