



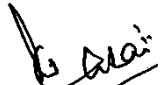
INDO- TIBETAN BORDER POLICE FORCE
(MHA) GOVERNMENT OF INDIA

Tender Document

Name of Work: C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)

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Commandant(Engr)
Ctrl Ftr , ITB Police, Kanasaiya, Bhopal (MP)
Ph No. 0755-2986130

INDO- TIBETAN BORDER POLICE FORCE

NOTICE INVITING e- TENDER


NIT No.-01 /2023-24/ Ctrl Ftr/BPL dtd- 29.05.23

The Commandant (Engr) Central Frontier ITB Police Force, invites on behalf of the President of India online item rate bids in two bid System for following works:-

Name of work- ;C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P) Estimated Cost- Rs 6161495/-. Time of completion-6 Months. Last date and time of submission of bid- 05.06.2023 upto 16:10Hrs .

The tender forms and other details can be obtained from the web site (www.itbp.gov.in&www.eprocure.gov.in)

.....



Commandant(Engr)
Central Frontier, ITB Police

NO. ITBP/Ctrl Ftr/Engr/Tender/2022-23-680
Office of the Inspector Genral
Ctrl Ftr, HQ, Indo Tibetan Border police
MHA/GOVT OF INDIA
Village-Kanasaiya, PO-Kokta, Hathaikhera, Distt-Bhopal, (MP) -462022
Ph No. 0755-2986130 E-mail ID- itcellctrlftr@itbp.gov.in

Date- 29.5.23

Notice Inviting e-Tender

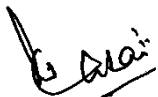
Frontier Engineer, Ctrl FtrHQ, ITBP Bhopal, on behalf of the President of India invites online Item rate tender from approved and eligible firms/contractors of CPWD, state PWD, MES, Railways, BRO and BSNL registered under B&R /relevant civil work category in appropriate class for the following work :-

S.N	NIT No	Name of work & Location	Estimated cost cost put to bid Rs	EMD in favour of	Period of Completion	Period of downloading bid document	Last date & time of submission of bid	Time & date of opening of bid
1		2	3	4	5	6	7	8
1	1/2023-24/Ctrl Ftr/ BPL	C/O toilet blocks near pump house, Parade ground and laying treatate water line at Central Frontier HQ, ITBP Bhopal (MP)	Rs. 61,61,495/-	Commandant (E), Central Ftr, ITBP, Bhopal Rs. 125000/-	06Months	29.5.23 at 1600hrs to 05.06.23 till 1600hrs	05.06.23 upto 1610 Hrs	06.06.23 at 1620Hrs

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.

1. 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.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. 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 & www.itbp.gov.in.
4. But the tender can only be submitted after uploading the mandatory scanned documents as per list given below.
5. To become eligible for acceptance of bid, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar 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 Engineer-in-Charge shall be free to forfeit the entire amount of EMD and Performance Guarantee.



Sig of Commandant Engineer

Signature of tenderer

6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed, they may get training on online bidding process as per details available on the website.

7. The intending bidder must have valid class-III digital signature to submit the bid.

8. Bidder should not have past track record of delaying works. Bids of having record of past unsatisfactory work/poor workmanship will be rejected.

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.

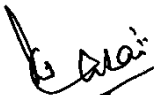
10. Contractor can upload documents in the form of JPG format and PDF format .

11. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the 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, Railway, BRO, StatePWD & Telecom Deptt etc along with other documents as mentioned under Para "List of Documents to be scanned and uploaded by the agencies. 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.



Sig of Commandant Engineer

Signature of tenderer

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

- (i) EMD submission receipt as per given format(EMD in original may be deposited in any of ITBP formation)
- (ii) Certificate of Registration for GST
- (iii) Self attested copy of Enlistment Order of the Contractor in CPWD, MES, Railway, state PWD, BRO, BSNL in appropriate class. (The experience of similar work done be enclosed in prescribed format).
- (iv) Self attested copy of PAN Card
- (v) EPF & ESI No with copy /undertaking of applying for registration
- (vi) Detail of turnover during last 3 years from CA.
- (vii) Copies of satisfactory completion of works in Govt organizations of requisite magnitude from respective authorities not below rank of Executive Engineer during last 5years and works in progress as per given format -A below.
- (viii) self attested copy of works in progress/ awarded with copy of award letter in given format -B below.
- (ix) Income tax clearance certificate of last financial year.

(A) DETAIL OF WORKS OF SIMILAR NATURE COMPLETED DURING THE LAST 5 YEARS ENDING LAST DAY OF PREVIOUSMONTH

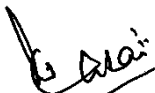
SN	Name of work	organization	Completion Cost of work (in lakhs)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion and penalty levied for delay (if any)	Litigation /arbitration cases pending/in progress with details	Name and address with official E mail/ telephone number of officer to whom reference may be made about verification of certificates	Remarks of certificate issuing authority about performance, quality of work done
1	2	3	4	5	6	7	8	9	10

(B) PROJECTS UNDER EXECUTION OR AWARDED

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

Certified that list of works above is complete and the information given is correct to best of my knowledge.

Signature of Bidder(s)



Sig of Commandant Engineer

Signature of tenderer

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

1. Item rate bids are invited on behalf of the President of India from the approved and eligible contractors of CPWD and those who are on appropriate list of M.E.S, BSNL, Railways, state P.W.D (B&R work), BRO working in similar nature of works for the work:**C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)**
2. The enlistment of contractors should be valid (wherever applicable) 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 61,61,495/-**-This estimate, however, is given merely as a rough guide.

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

2. Criteria of eligibility

The Tenderer should have completed satisfactorily at least *3 similar works each of value 40% of the estimated cost or *2 similar works of 50% of the estimated cost or *1 similar work of 80% of estimated cost during the last 7 years (atleast one work of them should be in Central Govt. /Central PSU/State Govt).The contractors shall have to submit attested copies of registration, GST,EPF & ESI No/undertaking, details of turnover during the last 3 years, list of works completed of the requisite magnitude along with the attested copies of certificates of satisfactory completion, work in progress in given format.

3. Agreement shall be drawn with the successful tenderer on prescribed Form which is available with **Commandant Engineer,(Ctrl Ftr) I.T.B Police** and may be seen on any working day.

4. The time allowed for carrying out the work will be **6 Months** from the date as defined in schedule - 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

5. (i)The site for the work is available.

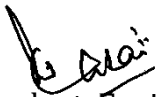
The architectural and structural drawing for the work is available (wherever applicable).

OR

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

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

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



Sig of Commandant Engineer

Signature of tenderer

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

9. When bids are invited in 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.

10. Copy of document required to be submitted with bids shall be scanned and uploaded to the e-Tendering website within the period of tender submission. **Bidders to submit declaration that I /we have read all terms and conditions of tender document and agreed to comply all the conditions for execution of work.**

11. Online financial bids of only those tenderers will be opened, whose documents are found in order during technical evaluation.

12. The bid submitted shall become invalid if:

(i) The tenderers /bidder is found ineligible.

(ii) The tenderers /bidder does not upload all the documents as stipulated in the tender document.

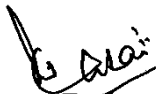
(iii) **If tenderer have track record of delaying in execution of work in any Govt. deptt.**

13. The contractor whose tender is accepted will be required to furnish performance guarantee of 3% of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. **In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the action will be taken as per conditions/ clauses of bid document.**

14. 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, structures (in case of maintenance works) and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the working space 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 bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and local conditions and other factors having a bearing on the execution of the work.

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

16. 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.



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Signature of tenderer

17. 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.

18. The contractor shall not be permitted to bid for execution of works in the any formation of ITBP in which his near relative is posted as Accountant or as an officer in any capacity between the grades of DIG Engineer and overseer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the I.T.B. Police or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department/ debarred to tender in ITBP.

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

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

21. The tender for the works shall remain open for acceptance for a period of **60days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender action will be taken as per conditions/ clauses of bid document. Further such tenderer shall not be allowed to participate in the retendering process of the work/ future tendering in ITBP.

22. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 10 days from the stipulated date of start of the work, sign the contract consisting of:-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7/8 or other prescribed Form as applicable.

23.1.1 The tender document will include following two components:

Part A:-CPWD-6, CPWD-7 including schedule A to F for the both major and minor components of the work, Standard General Conditions of Contract for CPWD 2020 as amended/modified up to date.

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

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

23.1.3 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.


Sig of Commandant Engineer

Signature of tenderer

23.1.4 After acceptance of the bid by competent authority, the **Commandant Engineer, (Ctrl Ftr) I.T.B Police** shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into agreement with **Commandant Engineer, (Ctrl Ftr) I.T.B Police**. He has also to sign two or more copies of agreement for onward submission to higher Head Quarters.

23.1.5 Engineer incharge means Officer operating contract or other officer deputed by Officer operating contract for execution/supervision/monitoring of work .

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


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

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

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

23.1.10. Final bill of whole work shall be finalized and processed for payment by the Engineer in-charge of major components of work .

23.2 The tender accepting authority is empowered to relax any eligibility condition given in bid document / may seek additional documents to ascertain capability of firm to execute the work.



Sig of Commandant Engineer

Signature of tenderer

EMDRECEIPTFORMAT

Receipt No.....*...../date.....*.....

Name of Work:**C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)**

NITNo:

1. Estimated Cost: Rs 6161495/-

2. Amount of EMD required :- Rs125000/-

i) In the form of Treasury Challan or Demand draft or pay order or Banker's cheque or Fixed deposit Receipt Rs.....Vide.....Date.....

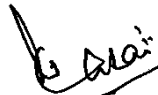
3. Last date of submission of bid: - 5.6.23(1610 Hrs)

4.Name of Bidder#

5. Amount of Earnest Money Deposit #

i) In the form of Treasury Challan or Demand draft or pay order or Banker's cheque or Fixed deposit Receipt Rs.....Vide.....Date.....

6.Date and time of submission of EMD:



Signature, Name and Designation of EMD receiving officer alongwith Office stamp.

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

1. Information and instructions for Contractors will form part of NIT.
2. The Bid Document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploading the mandatory scanned documents.
3. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
4. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
5. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
6. On opening date, the contractor can login and see the bid opening process.
7. Contractor can upload documents in the form of **JPG** format and **PDF** format.
8. It is mandatory to upload scanned copies of all the documents as stipulated in the bid document. If such document is not uploaded his bid will become invalid and shall be rejected.
9. If the contractor is found ineligible after opening of bids, his bid shall become invalid and shall be rejected.
10. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank ,the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "**0**" (**ZERO**).
11. **Payment of cost of Tender documents:-**The collection of cost of Tender documents is dispensed away with, as there is no physical supply of tender documents and also to have absolute anonymity of the bidders participating in e-procurement solution. The bidders can view/download the tender documents, from the **www.eprocure.gov.in&www.itbp.gov.in**
12. **Submission of bids:** The bidders who are desirous of participating in 'e' procurement shall submit their price bids in the standard formats prescribed in the Tender documents, displayed at **www.eprocure.gov.in &www.itbp.gov.in**.The bidder should upload the scanned copies of all the relevant certificates, documents etc., on the **www.eprocure.gov.in** in support of their price bids. The bidder shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness/authenticity.


Sig of Commandant Engineer

Signature of tenderer

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

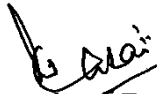
14. Processing of Tenders: The concerned officer/board of officers will evaluate and process the tenders as done in the conventional tenders and will communicate the decision to the bidder online.

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

i) Bidders can come to the place of opening of bids .

ii) Bidders can see the process online.

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



Sig of Commandant Engineer

Signature of tenderer

INTEGRITY PACT

To

Sub: NIT No.01/2023-24/Ctrl Ftr/BPL

Name of work:-**C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)**

Dear Sir,

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

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

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

Yours faithfully


**Commandant Engineer,
(Ctrl Ftr) I.T.B Police**

INTEGRITY PACT

To
**Commandant Engineer,
(Ctrl Ftr) I.T.B Police.**

Sub: Submission of Tender for the work of :-**C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)**

Dear Sir,

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

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

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

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

Yours Faithfully

(Duly authorized signatory of the Bidder)

INTEGRITY AGREEMENT

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

BETWEEN

ITBPolice represented through **Commandant Engineer, (Ctrl Ftr) I.T.B Police,** (Hereinafter referred as the Ftr/Sector/Unit Engr **Bn,ITBPolice /Owner'**, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

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

Preamble

WHEREAS Unit Engr ITB Police /Owner has floated the Tender (NIT No01/2023-24/Ctrl Ftr/BPL) (hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for **-C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)** hereinafter referred to as the "**Contract**".

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

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

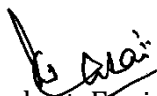
NOW, THEREFORE, in consideration of mutual covenants in this pact, the parties hereby agree as follows and this pact witnesses as under:

Article 1: Commitment of the Principal/Owner

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

- a) No employee of the ITBPolice /Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b) The ITBPolice /Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
- c) **The ITBPolice** /Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature .

Sig of Commandant Engineer



Signature of tenderer

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

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

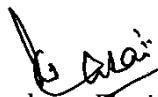
1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government/Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware,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

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

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

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

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



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

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

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

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

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

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner under law or the Contract or its established policies and laid down procedures, the **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner shall have the following rights in case of breach or this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

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

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

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

Article 4: Previous Transgression

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

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner.

3) If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner may, at its own discretion, revoke the exclusion prematurely.

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

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

2) The **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

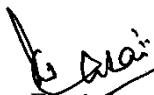
3) The **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner will disqualify Bidders, who do not submit, the duly signed Pact between the **Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6: Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 30 Days after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, **Commandant Engineer, (Ctrl Ftr) I.T.B Police**

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Signature of tenderer

Article 7: Other Provisions

1) This pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters of the Division of the Commandant Engineer, (Ctrl Ftr) I.T.B Police** /Owner, who has floated the Tender.

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

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

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

5)It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement/Pact or any action taken by the Owner **Commandant Engineer, (Ctrl Ftr) I.T.B Police** in accordance with this **Integrity agreement /pact interpretation thereof shall not be subject to arbitration.**

Article 8: Legal and Prior Rights

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contract documents with regard any of the provisions covered under this Integrity Pact. IN WITNESS WHERE OF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of IT B Police/Owner)(For and on behalf of Bidder/Contractor)

WITNESSES:

1. _____

2. _____

Place:

Dated:-


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Signature of tenderer

ITEM RATE TENDER AND CONTRACT FOR WORK

Tender for the work of :C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)

TENDER

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing of General Rules and Directions and in Clause 11 of schedule F with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for 60 days from the due date of its opening.

If I/ We withdraw/ back out within validity period of bid or I/We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be a liberty to take action as per conditions of tender. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said EMD / performance guarantee absolutely and take action against me/us as per other relevant clauses of tender document.

Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work/ further tendering in ITBP and to be blacklisted for tendering in other departments as well.

I/We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in ITBP in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated.....

Signature of Contractor
Postal Address

Witness

Address:

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


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Signature of tenderer

ACCEPTANCE

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

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

- a)
- b)
- c)
- d)
- e)


Signature.....For & on behalf of the President of India.

Designation.....

Dated.....

GENERAL RULES AND DIRECTIONS

1. Notice Inviting Tender will state the work to be carried out, as well as the date for submission and opening of tenders and the time allowed for carrying out the work, declaration of depositing EMD etc. The performance Guarantee to be deposited by the successful tenderer and the amount of security deposit to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work, compilation of clauses of contracts shall also be open for inspection by the contractor at the office of officer inviting tender during office hours. The contractor has to sign in relevant register with address as a token of seeing, understanding detail about work.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give receipts on behalf of firm.
4. Any person who submits a tender shall fill up the Schedule of Quantity, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tenders for each.
5. The officer inviting tender or his duly authorized representatives will open tenders in the presence of any intending contractors who may be present at the time, and download generated comparative statement including rates of all bidders. In the event of a tender being accepted, contractor shall sign copies of the specifications and other documents forming contract agreement mentioned in tender document.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them.
8. In item rate tender only rates quoted shall be considered. Any tender containing percentage below/ above the rates quoted is liable to be rejected. Rates quoted by the contractor in Item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the contractor does not work out the amount of an item or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In the event of no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

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9. In the case of any tender where unit rate of any item/ items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
10. All rates shall be quoted on the tender form (i.e. Schedule of Quantities Vol. II/BOQ). The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs.2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be upto two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

11i) contractor whose bid is accepted will be required to furnish performance guarantee of **5%** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Fixed Deposit Receipts in favour of **Commandant Engineer, (Ctrl Ftr) I.T.B Police** or in the form of an irrevocable bank guarantee bond of any scheduled bank 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, he will be debarred for future tendering in ITBP and action will be initiated for black listing.

(ii) The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations of 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 provision.**

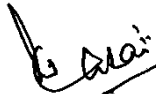
iii) The contractor whose tender is accepted, will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal **5%** of the tendered value of the work. The Security deposit may also be recovered by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in the shape of Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is submitted in original to officer operating contract .

- 12 On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.
- 13 GST, purchase tax, turnover tax or any other tax applicable in respect of this contract shall be payable by the Contractor and ITBP will not entertain any claim whatsoever in respect of the same.
- 14 The contractor shall give a list of both gazetted and non-gazetted ITBP employees related to him.
- 15 The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summarily rejection.
- 16 The tender for composite work includes, building work, all other works such as sanitary and water supply installations, drainage, civil work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply, drainage, electrical, horticulture worksetc in the composite tender.

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



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CONDITIONS OF CONTRACT

1. DEFINITION: -

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

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

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

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

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

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

(v) The Engineer-in-charge means the Engineer officer himself (who shall sign the contract on behalf of the President of India) or deputed by officer operating contract to supervise and execute work as per specifications.

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

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

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

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

Department means ITB Police Force, a department of Government of India, which invites tender on behalf of President of India.

(x). If a bidder / firm quotes nil charges / consideration, the bid shall be treated as unresponsive and will not be considered.

(xi). District specifications mean the specification followed by the state Government in the area where the work is to be executed.


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(xii). Tender value means the value of the entire work as stipulated in the letter of award .
(xiii).Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to the date of receipt of the tender.

Scope and Performance

3. Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

4. Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof the contract.

5. The contractor shall be furnished, (if demanded) one copy of contract document except standard specifications, Schedule of Rates and such other printed and published documents, together with drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

Work to be carried out

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

Sufficiency of tender:

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

Discrepancies and adjustment of Errors

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

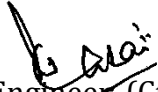
8.1 In the case of discrepancy between the schedule of quantities, the specifications and/or the drawings, the following order of preference shall be observed.

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


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- 8.2 If there are varying or conflicting provision made in any one document forming part of the contract, the accepting authority shall be the deciding authority, with regard to the intention of the documents and his decision shall be final and binding on the contractor.
- 8.3 Any error in description quantity or rate in schedule of quantities or any omission there from shall not vitiate the contract or release the contractor from the execution of the whole or any part of the works comprised there in according to drawings and specifications or from any of his obligations under the contract.



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Form of Bank Guarantee for Performance Guarantee/Security Deposit/Mobilization Advance

(To be submitted in Rs 100/- non judicial stamp paper)

Whereas the Comdt Engineer Central Ftr ITBP, on behalf of the President of India) (hereinafter called "The Government") has entered into an agreement bearing number

.....with(name and address of the contract or) (hereinafter called "the contractor")

for execution of work (name of work)..... The Government has further agreed to

acceptanirrevocableBankGuaranteeforRs.....(Rupees.....only)validup to (60days beyond date of completion) i e(date) as **Performance Guarantee** from the said contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

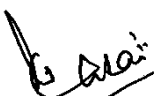
1. We,(indicate the name of the bank)(hereinafter referred to as "the Bank"), hereby Undertake to pay the Government an amount not exceeding Rs.....(Rupees.....only) on demand by

the Government within 10 days of the demand.

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

3. We,(indicate the name of the Bank)..... , further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.

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


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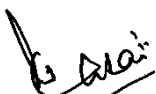
Signature of tenderer

5. We,(indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the contractor's liabilities.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
7. We, (indicate the name of the Bank)..... , undertake not to revoke this guarantee except with the consent of the Government in writing.
8. This bank guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs..... (.....only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

DATE.....

WITNESS:

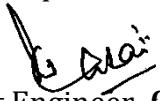
- | | | |
|----|------------------|--|
| 1. | Signature | Authorized
Signatory
Name |
| | Name and address | Designation
Staff code No.
Bank Seal |
| | | |
| 2. | Signature..... | |
| | Name and address | |


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Special Conditions & Specifications

- 1.0 "CPWD Specifications" wherever appearing in this document would mean Latest edition of CPWD specifications with correction slips issued up to the last date of receipt of tender.
- 2.0 The CPWD termed in reference to form/ clause be read as ITBP.
- 3.0 Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, levels, depths, leads, lifts including shafts, machine room & stair cases. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour, materials, and other inputs involved in the execution of the items.
- 4.0 No foreign exchange shall be made available by the department for the purpose of procurement of equipment, plants, machinery, materials of any kind or any other items required to be carried out in execution of work.
- 5.0 The contractor or his authorized representative should always be available at the site of work to take instructions from Engineer in charge, and ensure proper execution of work.
- 6.0 No work shall commence in the absence of contractor's Engineers and they shall certify in writing about the correctness of layout, alignment and shall ensure stability of all structural works, partition wall and other related items.
- 7.0 All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of the ITBP and the same are not to be removed or taken away by the contractor or any other person without consent in writing of the Engineer-in-charge but the ITBP is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged due to weather or otherwise.
- 8.0 The contractor shall execute the different items simultaneously, as far as possible, so that minimum breakage and repairs are involved.
- 9.0 The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of environment and waterways. He shall make good at his own cost and to the satisfaction of the Engineer-in-Charge, any damage to public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/users of adjoining buildings.
10. All associated activities required for obtaining necessary clearances, permissions, approvals, all licenses etc. as required from all concerned authorities in respect of installation and commissioning shall be the responsibility of the contractor, the cost for which shall be deemed to be included in the rates for various items of work of Schedule of Quantities. However, actual statutory fee paid to the concerned authorities for obtaining approvals if any, shall be reimbursed by the ITB Police on production of proof of payment made by the Contractor.
- 11.0 The contractor shall be responsible for watch and ward of all the works, equipment and various materials till complete handing over of works.
- 12.0 Wherever any reference to any Indian Standards Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revisions thereof if any, up to the date of receipt of tenders.
- 13.0 The site of work may be at one or more places and at any floor up to six levels for which nothing extra shall be paid.


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14.0 Cessas applicable on gross value of work done shall be deducted from the payment as per Construction Workers Welfare Cess Act 1996, other applicable taxes notified by Govt, besides other statutory deduction like income tax, GST etc.

15.0 The contractor shall be fully responsible for rectifying the defect, which may happen up to 12months from the date of completion of the work. The decision of Engineer-in-Charge in this regard shall be final & binding. In case the contractor fails to carry out the said repairs, rectifications, replacement within the specified time, the department shall get therepairs / rectifications / replacement as considered necessary at the cost of the contractor by recovering the cost from the security deposit. In case additional expenditure is incurred by the department on this account, the same shall be borne by the contractor.

16.0 The rates quoted by the contractor shall be all inclusive keeping in mind the specifications, special conditions and technical specifications, dewatering(if any wherever required) and nothing extra shall be payable whatsoever, unless otherwise specified.

17.0 If the work is carried out in more than one shifts or during night to meet the time period of completion, nothing extra shall be paid on this account.

18.0 Contractor shall have to make own arrangement for water & electricity, accommodation for labours etc.

19.0 The contractor shall follow the instruction and restrictions imposed by the Administration / Police authorities on the working and movement of labour / material / vehicles etc and nothing extra shall be paid on this account. Contractor shall be responsible for getting necessary Clearances/passes from Police/other authorities before start of work.

20. Contractors should visit at site and to see site conditions, strata etc before uploading their financial bids. No additional quantity , additional items will be paid.

20.0 All the materials are to be got approved from the Engineer-in-Charge before using the same in the work. Entire quantity of packed material (calculated theoretically based on Qty given in BOQ) to be brought by contractor at site before start of work. The date of manufacture of Exterior paint/ Primer/ Plastic paint/ acrylic distemper/ Enamel paint / Cement etc should not be more than 1 month old from date of bringing at site. The contractor has also to provide test certificate about genuineness of material from manufacturer while bringing material at site.

21.0 Agency shall ensure execution of work in accordance with specifications / nomenclature of work and preparation of surface shall be got checked and approved from Engineer -in- charge before start and completion of each stage.

22.0 The security of contractor will be refunded on completion of 1 years usual maintenance period. In case any defects found in Exterior paint during the period, contractor will have to rectify defects within 15 days of issuance of letter from Engineer in charge for removal of defects/ repainting , failing which entire security will be forfeited.

22.0 Contractor will have to deposit G.S.T and other applicable taxes(except those recovered by ITBP) himself as per Govt. rule/norms and must submit the certificate to ITBPolice.

23. 0 The successful bidder on getting work order has to get surveyed entire alignment of drain and get the L/ cross section of proposed drain with respect to existing ground level. The level before and during various stages of work shall be got checked through Engineer incharge/ competent technical authorities of ITBP. Nothing shall be extra paid on this account.

24.0 The successful bidder has to set up a field laboratory with all equipment's as per CPWD works manual and in consultation with Engineer incharge.


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25.0 The level machine to be kept at site till completion of work. Entire drainage , sewer line work should be of proper slope. In case any stretch noticed to be with improper slope , same has to be dismantled and re-casted/ executed by the contractor at his own cost. No defective/ sub standard work will be accepted.

26. The substandard items/ items not as per specification will not be accepted and contractor has to remove same at his/their own cost and redone the work as per CPWD specifications/BIS code to the satisfaction of Engineer in charge/ Officer operating contract.

27. The contractor has to submit Bar chart/Pert chart of work within 3 days of acceptance of work. The work should be executed proportionate to time given for execution of work. The penalty will be levied for delayed work as per contract clauses.

28. All the sample of material to be got approved from Engineer incharge before bringing supply for use at site.

29. The testing charges of material from Govt lab/ lab approved by Engineer incharge to be borne by contractor.

30. The Structural design to be prepared and got vetted by contractor from NIT/ Govt Engg college with the approval of Engineer incharge.

31. Design mix of concrete (wherever applied) to be got done from NIT/ Govt Engg college with the approval of Engineer incharge.


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LIST OF MAKES OF MATERIALS FOR CIVIL WORKS

S.N	Material	Brand / Make of best quality
1	Ordinary Portland Cement (OPC) / Portland Pozzolana Cement(PPC)	Ultratech/ ACC/ Ambuja cement /Vikram Cement /JP Rewa/ J.K Cement,Shree Cement
2	White Cement	J.K. White / Birla White
3	Water Proofing Compound, Admixture, Plasticizer, SuperPlasticizer, Curing compounds	Dr.FixitPidiproof Ltd./CICO/ Sika/BASF/Ardex Endura (Bal Endura)/Chemistik/Fosroc/ MBT/Degussa/ROFF
4	Integral water proofing compound with cement (for Plaster & mortar)	Fosroc : Conplast 421 /Dr. Fixit : LW+./ Sika: Sikacin ,/Asian Paint : Smart care Vitalian & equivalent product of BASF/CICO/Ardex Endura
5	Water proofing for bathroom/ toilet/balcony & other wet areas	Fosroc : Brush Bond /Dr. Fixit : Pidifine 2 K./ Sika: Nito Bond/ , Asian Paint : Damp Block 2K & equivalent product of BASF/CICO(Tapecrete) /Ardex Endura
6	Crystalline water proofing compound	Fosroc : Fosrco Crystalline /Dr. Fixit : Dr Fixit Crystalline/ Sika: Sika Crystalline/ , Asian Paint : Crystalline Quart & equivalent product of BASF/CICO(Tapecrete) /Ardex Endura .
7	Steel bar (Reinforcement steel)	SAIL/Tata Tiscon/RINL /Jindal Panther / Vizag Steel
8	Structural Steel	SAIL/Tata Steel /RINL /Jindal steel& Power Ltd /JSW steel Ltd.
9	Lime	Dehradun/Birla
10	Synthetic Enamel Paint Ist quality	ICI Dulux: Gloss synthetic enamel)/Asian : Apcolite Premium gloss enamel)/Berger :Luxol high gloss/ Nerolac : Synthetic high gloss
11	Wood Primer (white/pink)	Asian/ICI/Berger/ Nerolac Ist quality.
12	1 st Quality Acrylic Distemper (Washable /Ready mix/low VOC)	Asian(Tractor aqualock paint)/ ICI (Maxilite)/ Berger : Bison Acrylic Distemper
13	Acrylic Emulsion Paint	Asian Paint : Professional Premium Interior Emulsion Paint/Berger : Rangoli Total care/ Nerolac :Beauty Gold /ICI Dulux : Super Cover
14	Plastic Emulsion Paint	Asian Paint : Apcolite Heavy Duty Premium Emulsion Paint/Berger : Easy Clean/Nerolac : Impression/ICI Dulux :3in1
15	Premium Acrylic Emulsions(Interior)	Asian Paint : Royale Luxury Emulsion/Berger : Silk/Nerolac : Impression/ICI Dulux : velvet touch
16	Textured Exterior Paint	Asian Paint/Nerolac Paint / Berger Paint/Ultratech paint
17	Acrylic Smooth exterior Paint	Asian : Apex or Professional Exterior Emulsion/Berger : Weather coat 10/Nerolac :XL/ ICI Dulux : Weather Shield
18	Plastic /Acrylic Emulsion Paint	Asian (Royale)/ ICI (Velvet)/ Berger (Luxol Silk)/ Nerolac (Allscapes)
19	Premium Acrylic Smooth exterior paint with Silicon	Asian paints-Apex Ultima /Berger-Weather coat anti guard/ICI Dulux- Weather shield max/Nerolac-XL total.
20	Cement Based Wall putty	Birla Wall care / J.K. white / Berger/Asian Paints.
21	Cement primer	Berger :BP white/Asian : Decoprime WT/ICI Dulux :White primer
22	Steel Primer (Red Oxide Zinc Chromate Primer)	Asian/Berger/Nerolac/ICI

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23	Polycarbonate Sheet	G.E Plastic/LEXAN/MG Polyplast
24	Pre coated galvanized steel sheet	TATA/JWS/SAIL/Jindal
25	Particle Board	Merino/action TESA/Greenlam
26	Pre-laminated Particle Board /Laminates	Action TESA /Greenlam/Century ply/Merino/Sunmica
27	Flush Door Shutter	Duro/ Century/Durian/Green Ply/Aechid ply /Jayna/ Note : Only ISI marked flush door to be used.
28	PVC Door Shutter/Frame,PVC rigid from sheet,PVC solid moulded doors	Syntex/Rajshree ply wood
29	UPVC doors and window	Fenesta/VEKA/KOEMMERLING/RHEAU/ Aluplast/Wintech/Duroplast/Marcolini.
30	False Ceiling system	Armstrong/Hunter Douglas/USG Boral/Saint Gobain/Aerolite/Durlum/Interarch.
31	Ply Wood /Veneer	Kitply/ Green ply/ Century/Duro /Merino/ Durian
32	Floor Spring & Door Closure	Godrej/Dorma/Doorset/Kich/Hardwyn/ Kelwin/Doorking/ Everite
33	Aluminium Extrusions/ Sections	Hindalco/ Indian Aluminium CO./ Jindal
34	Anodised Aluminium Hardware (Havey Duty)	Kilong/Alualpha/Ebco/Classic.
35	Clear/Float/Frosted/Refractive/ Coated Glass	AIS/Saint Gobain/Modiguard/Ashai Float
36	S.S Door & Window fittings	Jindal/Dorma/Kich/GEZE/Hardwyn/Godrej
37	Ceramic Tiles	Kajaria/ Somany/ NITCO /Orient Bell Ceramic /Ange /Johnson /Glory
38	Vitrified /Porcelain Tile (antiskid/ Matt/Glazed)	Marbitto/ Euro/ Somany/ Orient Bell/ Kajaria
39	Paver Blocks & kerb stone	Terrafirma/ Unipaver /Pavcon/Hyper tile/ K.K/Power/Sarda /Krishna tiles
40	Polymer Modified quick set tile adhesive	Bal Endura/ Pidilite
41	Dash/Anchoring Fasteners	HIL TI/Fischer/Bosch/Wurth
42	G.I /M.S pipe	Tata/Jindal(Hisar)/Prakash Surya.
43	G.I Fittings	Unik/Zoloto
44	HDPE Pipes	Reliance/Jain pipes/ORIPLAST/Supreme
45	D I pipes & Fittings	Elctrosteel/Jindal/Tata/Kapilansh/Kesoram
46	UPVC pipe & Fittings	Supreme/Astral/Ashirwad/Prince/ Apollo
47	CPVC pipe & Fittings	Supreme/Astral/Ashirwad/ Apollo/ Prayag/ Finolex
48	Centrifugally Cast Iron Pipe & Fittings	NECO/Kapilansh / Elctrosteel/SKF/HIF/RPMF
49	C.I. Manhole Covers ,Framesand Grating	NECO/Raj Iron foundary Agra/BIC/ SKF/HIF/RPMF
50	SFRC Manhole covers and frames	KK /Jain/PARGATI
51	CP brass fittings (Superior Range)	Jaquar /Grohe/Roca/crabtree


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52	Sanitary ware fitting & accessories (Superior Range)	Roca/Hindware/Kohler/Parryware
53	Sanitary ware fitting & accessories (Normal Range)	Hindware/CERA/Parryware/Jaquar
54	Mirror Glass	Atul/Modi Guard/Golden Fish
55	UPVC Doors& Window Hardware	Rotto/Dorset/kinlong
56	Stainless Steel Screws	Kundan/Arrow
57	Plain multipurpose cement board(High pressure steam cured)	Everest/Shera
58	PTMT Towel rail/ring	Prayag / Wilson/supreme
59	S.S wire Mesh	Raj Filters/G Bopp& Co AG/Unique /Indo German wire Screen Co

Electrical items

SN	Item	Name of Manufacturers
1	FRLS PVC insulated copper conductors (ISI marked)	Finolex/Havells/Plaza/Polycab/Anchor
2	XLPE insulated PVC sheathed aluminium /copper conductor armoured./Un armoured cable of 1.1 KV Grade	Havells/Finolex/L&T
3	PVC conduits	AKG/Astral/Plasto/Apollo
4	D.W. Corrugated HDPE Pipe (ISI Marked)	REX/Duraline/Duraplast/Triputi/CPE
5	Switch, socket/Telephone socket/cable TV socket/Data outlet Socket/Fan Regulator/GI Boxes etc (wiring accessories)/Regulators PVC Boxes /Occupancy for etc.	Havells /Anchor/Jacquar
6	Modular switch, socket/Telephone socket/cable TV socket/Data outlet Socket/Fan Regulator/GI Boxes etc (wiring accessories)/Regulators Metal Boxes /Occupancy for etc.	Legrand / GM Modular / Schneider Electric(Zencilo)Wipro (North west-/Hager (Insyta½/ Havells (Murano) /Anchor by Panasonic wood/Simon
7	GI Pipe	Tata/Jindal (Hissar)/ Prakash Surya Med class
8	Hot dipped Galvanized Octagonal Pole (Factory Finish)	Wipro/Philips/Crompton Greaves/Bajaj
9	Paints	ICI/Asian/Berger
10	MCB, Isolator, Industrial Plug socket, RCCB, RCBO's	Schneider Electric ACTI-9 (N)/Legrand (Dx3)/L&T (D-x3/L&T(Exora/Hager/Siemens /ABB (S200M)
11	MCBDB & Loose wire Box	Schneider Electric/Siemens/Legrand/ L&T/Hager/ ABB *(Elegance)
12	Exhaust fan	Havells/Crompton Greaves/Usha/Bajaj/ Orient
13	Ceiling Fan	Havells/Crompton Greaves/Usha /Orient
14	LED Fittings	Wipro/ Philips/Crompton Greaves/Havells/Bajaj/ Surya

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PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities- (BOQ Enclosed)

SCHEDULE 'B'

Schedule of Materials to be issued to the contractor:-

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

SCHEDULE 'C'

Tools and plants to be hired to the contractor

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

SCHEDULE 'D'

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

SCHEDULE 'E'

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

SCHEDULE 'F'

Reference to General conditions of contract

Name of work :- **C/O toilet blocks near pump house, Parade ground and laying treated water line at Central Frontier HQ, ITBP Bhopal (M P)**

Estimated cost of work :- **Rs 6161495/-**

- i) Earnest money :- 125000/-
- ii) Performance guarantee :- 5% of the tendered value of the work
- v) Security Deposit :- 5% of the tendered value of the work

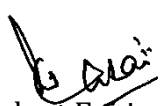
General Rules & Directions :

Officer Inviting Tender- :Commandant Engineer, **(Ctrl Ftr) I.T.B Police**

Maximum percentage for quantity of items of Work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 &12.3 :- See at appropriate clause under definitions

2 (v) Engineer-in-charge - 2IC /Dy Comdt(E), **(Ctrl Ftr) I.T.B Police**

2(viii) Accepting Authority- Comdt(E) at Ftr HQ


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2(x) Percentage on cost of materials and Labour to cover all overheads and Profits. :- 15%

2 (xi) Standard Schedule of Rates:-Analysis of rates based on skeleton of DAR 2018 with up to date correction slips and Market Rates.

2(xii) Department :-**Indo-Tibetan Border Police**

Clause 1

- (i) Time allowed for submission of Performance guarantee from the date of issue of letter of acceptance :- 7 Days
- (ii) Allowable extension with late fee @ 0.1%per day of performance guarantee amount beyond the period provided in (i) above :- 3 Days

Clause 2 Authority for fixing compensation under clause 2:-Comdt (E) at Ftr HQ

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

Clause 5 (i) Number of days from the date of issue of letter of acceptance for reckoning date of start -10th day

ii) Time allowed for execution of work - :- **06Month**

Authority to decide

- a. Extension of time :- Comdt(E) at Ftr HQ
- b. Rescheduling of milestones :- -do-
- c. Shifting of date of start in case of delay in handing over of site :- -do-
- d. Authority to give fair and reasonable extension of time for completion of work :- -do-


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MILE STONE (S) AS PER TABLE GIVEN BELOW

SN	Description of physical milestone	Time allowed in days (from date of start)	Total amount to be withheld in case of non achievement of mile stone
1	25% of quantities of items in tender/ Workdone costing 25% of tender value	45days	1% of tender value
2	50% of cumulative quantities of items in tender/cumulativeWorkdone 50% of tender value	90days	2% of cumulative tender value
3	75% of cumulative quantities of items in tender/ cumulativeWorkdone75% of tender value	135days	3% of cumulative tender value
4	Completion of work	180 days	4% of tender value

Clause 6/ 6A :-Applicable.

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 :-Not applicable

Clause 7 A No running account bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW welfare Board, whatever applicable are submitted by the contractor to theEngineer-in-charge. :- Applicable

Clause 10A Material to be provided by the contractor. :-Applicable

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

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

Clause 10 C A - Increase in rate of material :- Not Applicable

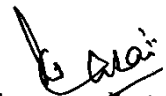
Clause 10 CC- Increase/Decrease in Price of materials/wages :-Not Applicable

Clause11. Specification to be followed in execution of the work :- For Civil CPWD specification 2019,volume I & II, And for Electrical CPWD specification 2018(Electrical) with up to date correction slip/manufacturer specification.

Clause 12

12.2 & 12.3 Deviation limit beyond which clause 12.2 &12.3 shall apply for building work . :-As per CPWD works manual

Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work -NA


Sig Commandant (Engr)

Signature of tenderer

50%

Clause 16 Competent Authority for deciding reduced rates. :-DIG E /Comdt E at Ftr HQ

Clause 18-

List of mandatory machinery, tools & plants to be deployed by the contractor at site	As required for completion within time period as per CPWD work manual and directions of Engineer in charge.
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Clause 25 -Dispute redressal committee

PO	DIG(E)/Comdt(E) Central Ftr
Member I	Comdt(E) / DC(E)Sector nominated by Ftr
Member II	DC(E) / AC(E) Sector/ Units nominated by Ftr

Clause 36 (i) Requirement of technical Representative(s) - As per guidelines in works manual

S.N	Minimum Qualification of Technical Representative	Rank	No	Minimum Experience (Year)	Rate at which recovery be made from contractor not fulfilling complying provision of Clause 36 (i)
1	Graduate Engineer Or Diploma Engineer	PM cum planning/ site/billing Engr	1	2 5	Rs 15,000.00

Clause 42

- i) a) Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates . :-D.S.R. 2021 (with up to date correction slips
- ii) **Variations permissible on theoretical quantities (wherever used in work**
- a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs. :- **3% plus/minus**
For works with estimated cost put to Tender is more than Rs. 5 lakhs :-**2% plus/minus**
- b) Bitumen all works :- 2.5% plus only & nil on minus side.
- c) Steel reinforcement and structural steel Sections for diameter, section and category. :- 2% plus/minus.
- d) All other materials ; - Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

S.N	Description of item	Rates in figures and words at recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation.
1	Cement	-	Double the market rate at site
2	Reinforcement steel	-	-

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Name of work:-C/O toilet blocks near pump house, Parade ground and laying treated water line at Central FrontierHQ, ITBP Bhopal (M P)

SCHEDULE OF NIT

SN	DSR 2021 code no	Particular of Items	A/U	Qty
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	Cum	75.37
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	52.00
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	5.47
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	6.80
5	4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal size)	Sqm	12.08
6	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth	Sqm	33.22
7	5.1.2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	cum	14.73
8	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	3.66
9	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering,shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	11.21
10	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	4012.00
11	5.9	Centering and shuttering including strutting, propping etc. and removal of form work for		
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	sqm	33.82
12	5.9.3	Suspended floors, roofs, landings, balconies and access platform	sqm	55.83
13	5.9.5	Lintels, beams, plinth beams, girders, bressumers and	sqm	54.96

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14	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	55.62
15	5.9.16	Edges of slabs and breaks in floors and walls Under 20 cm wide	R mtr	44.77
16	5.9.19	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Weather shade, Chajjas, Corbels etc, including edges	Sqm	2.93
17	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	5.56
18	6.32.1	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	29.04
19	6.13.1	Brick work 7 cm thick with common burnt clay F.P.S. (non modular) brick of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure above plinth level and upto floor five	sqm	54.37
20	6.44	Brick edging 7cm wide 11.4 cm deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).	Rmt	33.97
21	13.2.2	15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)	sqm	175.14
22	13.1.2	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	sqm	104.08
23	13.16.1	6 mm cement plaster of mix :1:3 (1 cement : 3 fine sand)	sqm	49.74
24	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	57.43
25	13.41.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	57.43
26	13.44.1	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	Sqm	175.14
27	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigment complete	sqm	36.71
28	8.31	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete	sqm	149.78

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29	8.2.2.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm	sqm	3.18
30	8.10.2	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. Granite Stone of approved shade	sqm	2.16
31	8.3.2	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	metre	4.89
32	9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	metre	19.80
33	9.122.1	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.	Sqm	6.30
34	9.1.2	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	cum	0.43
35	9.21.1	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	sqm	10.50
36	13.50.1	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	sqm	30.20
37	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work	sqm	30.20
38	17.7.3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	each	5.00
39	17.28.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 32 mm dia	each	9.00
40	17.60.1.1	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :100 mm inlet and 100 mm outletSand cast iron S&S as per IS: 3989 all complete	each	9.00

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41	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	5.00
42	17.5.1	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC flushing cistern water control tap pressure operated with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating necessary fittings/PVC pipe for drainage and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :Range of single half stall urinals with 5 litre P.V.C. flushing cistern as per direction of Engineer incharge.	Each	1.00
43	17.5.3	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC flushing cistern,water control tap pressure operated, fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. traps, outlet gratings, necessary fittings/PVC pipe for drainage and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :Range of three half stall urinals with 5 litre P.V.C. flushing cistern as per direction of Engineer incharge.	Each	4.00
44	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick AC sheet hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	5.00
45	17.73.2	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.	each	5.00
46	17.33	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.	each	5.00
47	17.35.1.1	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729	Rmt	50.00
48	17.39.1.1	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm dia Sand cast iron S&S as per IS - 1729	each	10.00
49	17.36.2	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes : 100 mm dia pipe	each	30.00
50	17.57.1.1	Providing and fixing collar :100 mm Sand cast iron S&S as per IS - 1729	each	10.00
51	18.21.2.1	Providing and fixing uplasticised PVC connection pipe with brass unions :45 cm length 15 mm nominal bore	each	15.00
52	19.1.2	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 150 mm diameter	Rmtr	200.00
53	19.2.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :150 mm diameter S.W. pipe	Rmtr	200.00
54	17.56.1	Providing and fixing terminal guard : 100 mm Sand cast iron S&S as per IS - 1729 each	each	3.00

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55	19.7.1.1	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement :1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	11.00
56	18.11.1	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :15 mm dia nominal bore	Rmt	100.00
57	18.11.2	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :20 mm dia nominal bore	Rmt	60.00
58	18.12.4	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :15 mm dia nominal bore	Rmt	210.00
59	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes etc complete.	per litre	3000.00
60	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	each	7.00
61	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	each	17.00
62	18.18.2	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :20 mm nominal bore	each	2.00
63	18.17.1A	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 20 mm nominal bore	each	4.00
64	18.22.1	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 100 mm diameter	no	1.00
65	18.46	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :		
A	18.46.1	15 mm nominal bore	each	12.00
B	18.46.2	20 mm nominal bore	each	6.00
66	12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	Rmtr	16.00

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67	12.42.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 110 mm	each	4.00
68	9.100.1	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	each	20.00
69	9.96.2	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 : 250x16 mm	each	6.00
70	9.97.3	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 : 200x10 mm	each	9.00
71	9.101.2	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	3.00
72	9.98	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.	each	11.00
73	15.58	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	Cum	4.80
74	16.42	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete	Cum	4.80
75	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.	Sqm	400.00
76	16.3	Supplying and stacking at site.		
(a)	16.3.1	90 mm to 45 mm size stone aggregate	Cum	100
(b)	16.3.2	63 mm to 45 mm size stone aggregate	Cum	60
77	16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	cum	160

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78	16.43.1	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately. Cement concrete prepared with batch mixing machine	cum	80.00
79	1.1.2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.Group B	Point	24
80	1.27.2	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc.as required.3 Module (125mmX75mm)	Each	7
81	1.5	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Rmtr	150
82	1.7.3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Rmtr	100
83	1..24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate as required		
A	1.24.3	15/16 A switch	Each	8
B	1.24.5	6 pin 15/16 A socket outlet	Each	8
84	2.1	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.		
(a)	2.10.1	Single pole	Each	6
(b)	2.10.2	Double pole	Each	4
85	2.3.2	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 8 way , Double door	Each	2

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86	7.2.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	Rmtr	80
87	1.33	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	No	28
88	NS	Providing armoured aluminium cable cx16sqmm	Rmt	80
89	NS	Supply ,Installation of followings sizes exhaust fan of matel body complete with louvers/shutters in the existng opening i.c. making the hole to suit the size of the above fan , making good the damage and connection with 1.5sqmm FRLS PVC insulated copper conductor single core cable and testing, commissioning etc. as required 300mm sweep 900rpm, heavy duty.	No	7
90	NS	Supplying, installation, testing & comissioning of 1X20 watts i20, 1220mm long LED tube Light , Oprating Voltage range (Volt) 100-300, i/c all accessories, including installations directly on ceiling/wall & connection with 1.5 sq.mm RLS PVC insulated copper conductor single core cable as reqd.(Make philips, Havells or Similar in bajaj)	No	13
91	NS	Supplying, installation, testing & comissioning of Mirror light suitable for LED i/c all standard accessories and lamp including connection with 1.5sqmm FRLS PVC insulated copper conductor single core cable complet as required. (Make :-VIVA of havelles /BJC 111 WEB 1 of Bajaj or Similar in Wipro/Philips)	No	5
92	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.		
(a)	18.9.3	25 mm nominal outer dia Pipes	Mtr	80
(b)	18.9.4	32 mm nominal outer dia Pipes	Mtr	1080
(c)	18.9.6	50 mm nominal outer dia Pipes	Mtr	460
93	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings(Tee/ Reducer/Unions etc), including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.		
(a)	18.7.4	32 mm nominal outer dia Pipes	Mtr	300
(b)	18.7.6	50 mm nominal outer dia Pipes	Mtr	450
94	NS	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) with C.I. cover30cmx30cm on RCC slab 1:1.5:3 mix (1 cement : 1.5coarse sand : 3 graded stone aggregate 20 mm 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 approved design :With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	Each	30

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95	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :		
(a)	18.17.1	25 mm nominal bore	Each	30.00
(b)	18.17.4	50 mm nominal bore	Each	4.00
96	18.19.4.1	Providing and fixing Gun metal non- return Valve of approved quality (screwed end)	each	3
97	15.2.1	Demolishing concrete Cement manually/ by mechanical means including disposal of material within 50 meters leadas per direction of Engineer- in-charge. Nominal concrete 1:3:6 or richer mix	cum	2.88
98	16.42	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	cum	2.88
99	2.1.2	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections , etc as required. 63A TP&N	Each	2
100	MR	Supply, Installation, Testing, and commissioning of 3 phase, 415V, AC supply horizontal centrifugal monoblock pump set, self priming having bronze impellers, CI motor body with minimum capacity of 3HP, discharge about 540 LPM , head range of 10m-25mtr, with starter cubical panel (consisting voltmeter range 0-500V, ammeter of 0-50amp) with all necessary connection /fittings etc as required (i.e. Pipe 20ft, cable 30mtr, flanges, GM foot valve and nut bolt etc)	each	1



Sig of Commandant Engineer, (Ctrl Ftr) I.T.B Police

Signature of tenderer