

**CENTRAL TRAINING COLLEGE, CENTRAL RESERVE POLICE  
FORCE, NIMACH (MP)-458441**

TELEPHONE (CONTROL ROOM)/FAX- 07423- 225772



**E-TENDER DOCUMENT**

**Name of work**                    **Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.) with one year maintenance contract**

**NIT for Rs.**                    **Rs. 24,43,394/- (Rupees twenty Four Lakhs Forty Three Thousand Three Hundred Ninety Four ) only**

**sd/- 05/04/2019**  
**(B S Chauhan)**  
IGP/Principal  
CTC, CRPF, NIMACH (MP)

**CENTRAL TRAINING COLLEGE , CENTRAL RESERVE POLICE  
FORCE, NIMACH (MP)-458441**

**ITEM RATE TENDER & CONTRACT FOR WORKS**

**INDEX**

<b>Sl No.</b>	<b>Description</b>	<b>Page No.</b>	
		<b>From</b>	<b>To</b>
1	Index	02	02
2	E- tender Notice	03	04
3	NIT	05	07
4	Application Form	08	08
5	Instruction for online bid system	09	11
6	Additional conditions	12	14
7	Additional conditions for cement.	15	16
8	Contractors labour regulations	17	19
9	Safety code	20	25
10	List of approved make of material	26	28
11	Tender Acceptance letter	29	29
12	Performa for agreement	30	30
13	Conditions of Contract	31	32
14	BID Data sheet	33	34
15	Price bid / item rate under taking	35	35
15	Schedule of quantity	36	40

**sd/- 05/4/2019**

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**OFFICE OF THE IGP/PRINCIPAL, CENTRAL TRAINING COLLEGE, CENTRAL  
RESERVE POLICE FORCE, NIMACH (M.P) – 458441**  
(Telephone (Control Room)/Fax – 07423- 225772 )

T.E. No. B.V -1 /2019-20-Bldg- CTC NMH

Dated, the 05 April, 2019

**E- TENDER NOTICE**

IGP/Principal, Central Training College Nimach, Central Reserve Police Force, Nimach (Madhya Pradesh) – 458441 on behalf of the President of India, invites item rate e- Tenderers under two bid systems (Technical Bid and Financial/Price Bid) from approved and eligible contractors of CPWD and MP State PWD for repair and renovation of Annual Repair and Maintenance in residential and non-residential buildings civil work for the year 2019-20 at CTC CRPF, Nimach (SH;- **Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.) with one year maintenance contract**, who have satisfactorily completed similar nature of works i.e. Civil Works during the past **three** years.

<b>NIT No.</b>	<b>Name of Work</b>	<b>Estimated cost put to tender</b>	<b>Earnest Money</b>	<b>Time of completion of work</b>	<b>Last Date &amp; Time of submission of tender</b>	<b>Time &amp; Date of opening of technical bid</b>
T.E. No. B.V -1 /2019-20- Bldg- CTC NMH Dated, 05/04/19	<b>Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 &amp; 5 at CTC CRPF Nimach(M.P.) with one year maintenance contract</b>	Rs. 24,43,394/-	Rs. 50,000/-	01 Month	29/04/2019 till 0900 Hrs	30/04/2019 at 1100 Hrs

2) **Tender cost and Earnest money:** Tender cost Rs. 500/- (non- refundable) and Earnest money Rs. 50,000/- (Rs Fifty Thousand) only in form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s Cheque or Bank Guarantee from any of the commercial banks in an acceptable form in favour of IGP/Principal, CTC CRPF, Nimach. The scanned copy shall be uploaded and original to be submitted offline till the date and time mentioned above in the office of the IGP/Principal CTC, CRPF Nimach (MP).

3) Scanned copy of registration/enlistment certificate, work experience certificate, PAN Card, Earnest money and tender cost are required to be uploaded. Bidders will have to download the NIT/Tender form and BOQ to upload the same after filling their rates and signing these documents.

4) For Submission of e-tender, bidders are requested to get themselves registered with [www.eprocure.gov.in](http://www.eprocure.gov.in) website along with class-II/III/IV Digital signature Certificate (DSC). Manual bids will not be accepted.

**CRITICAL DATE SHEET**

<b>S.No.</b>	<b>Particulars</b>	<b>Date</b>	<b>Time</b>
1.	<b>Published Date</b>	<b>08/04/2019</b>	<b>09:00 A.M</b>
2.	<b>Bid Document Download / Sale Start Date</b>	<b>08/04/2019</b>	<b>09:00 A.M</b>
3.	<b>Bid Submission Start Date</b>	<b>08/04/2019</b>	<b>09:00 A.M</b>
4.	<b>Bid Document Download / Sale End Date</b>	<b>29/04/2019</b>	<b>09:00 A.M</b>
5.	<b>Bid Submission End Date</b>	<b>29/04/2019</b>	<b>09:00 A.M</b>

6.	<b>Bid Opening Date</b>	<b>30/04/2019</b>	<b>11:00 A.M</b>
----	-------------------------	-------------------	------------------

5) For complete details refer website [www.eprocure.gov.in](http://www.eprocure.gov.in) at CPP portal or CRPF website [www.cppf.nic.in](http://www.cppf.nic.in). Any change/modification in tender enquiry will be intimated through above mentioned websites only.

6) Price Bid of a bidder will be opened if

a) The EMD and tender cost is received offline till due date and time.

b) Documents uploaded by the bidder are found in order.

7) Contractor must ensure to quoted rate of each item. The column meant for quoting rate in figures appear 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)

sd/- 05/4/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**GOVERNMENT OF INDIA  
CENTRAL RESERVE POLICE FORCE  
NOTICE INVITING TENDER**

- 1.1 Item rate bids are invited on behalf of President of India from approved all lowest rate and eligible civil contractors and those on appropriate list of CPWD and MP State PWD for Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach (M.P.). The work is estimated to cost Rs. 24,43,394/- This estimate however, is given merely as a rough guide.
- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from appropriate authority, which shall be to the satisfaction of competent authority about the eligibility criteria. e- registration/enlistment in appropriate class, experience certificate etc. Application (Scanned copy) accompanied with the Earnest Money(scanned copy) of Rs. 50,000/- in the form of receipt Treasury Challan /Deposit at Call Receipt of a Scheduled Bank/ Fixed deposit receipt of a scheduled bank and Demand draft of a scheduled bank issued in favour of IGP/Principal CTC CRPF, Nimach (MP) should be uploaded with other required documents. However, if the intending tenderers want to see the tender document before giving application and Earnest Money, same may be seen in the office of the IGP/Principal CTC CRPF Nimach (MP)-458441 on any working day.
2. Agreement shall be drawn with the successful tenderers. Tenderers shall quote his rates as per various terms and conditions of this said form which will form part of the
3. The successful bidder will required to deposit performance security (i.e. 10% of @total contract value ) before issuing work order.
4. The time allowed for carrying out the work will be 01 month from the 10<sup>th</sup> day after the date of written orders to commence the work or from the first date of handing over the site, whichever is later, in accordance with the phasing if any, indicated in the tender documents.
5. The site for the work is available.
6. The bid documents consisting of plans, specifications, the schedule of quantities of various type of items to be executed and the set of terms and conditions of the contract to be compiled with and other necessary documents except standard general conditions of contract form can be seen on web site [www.eprocurement.com](http://www.eprocurement.com) or [www.crfp.nic.gov.in](http://www.crfp.nic.gov.in)
7. The bidder will also produce scanned copy of PAN issued by concerned income Tax office. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
8. Only e-tenderers will be accepted
9. The description of the work is as follows:-

Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.)

Copies of other drawing and documents pertaining to the work will be open for inspection by the tenderers at the office of the IGP/Principal CTC CRPF Nimach(MP). A tenderers shall be deemed to have full knowledge of the site whether he inspects it or not and no extra chares consequent on any misunderstanding or otherwise shall be

allowed. The tenderers shall be responsible for arranging and maintaining at his own cost all materials tools and plants. Water, electricity access, and facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by tenderers implies that he has read this notice and all other conditions and rates at which stores. Tools and plants etc, will be issued to him by the Government and local conditions and other factors having bearing on the execution of the work.

- 10 The competent authority, on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenderers received without the assignment of a reason. All tenderers in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderers shall be summarily rejected.
- 11 Canvassing, whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenderers submitted by the contractors who resort to canvassing will be liable to rejection.
12. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tendered shall be bound to perform the same at the rate quoted.
13. The tender for the works shall remain open for acceptance for a period of one hundred eighty days(180) from the date of opening of tender. If any tenderers withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the department. Then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money as aforesaid.
14. This notice inviting tender shall form a part of the contract document .The successful tenderers/contractor, on the acceptance of his tender by the accepting authority, shall within 10 days form the stipulated date of start of the work, sign the contract consisting of : (a) The notice inviting tender, all the document, including additional conditions specifications and drawings. If any forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading there to.
- 15- Registration :- (a) the contractor should be registered with CPWD/PWD . (b) the contractor should be registered in services tax and GST.
- 16- The Contractor should give an undertaking that they are bound to complete the work within the stipulated time, in the event of the contractor failing to comply with the above conditions the tender inviting authority shall levy on the contractor, as compensation an amount of equal to 1% (one percent) per week of the total work order value/contract value.
- 17- All participating contractor must submit an affidavit on non – judicial stamp paper stating that they have neither been blacklisted nor debarred from participating in future tenders by any State Govt. / Central Govt. Organisations. If at any stage their claim turns out to be false the said contractor will render itself liable for punitive action, as deemed fit. The present tender in which they have quoted would be summarily rejected besides being debarred from participation in future open tenders for a period of last two consecutive years.

- 18** DOCUMENTS MENTIONED IN CHECK LIST SHOULD BE UPLOADED TO THE RESPECTIVE TENDER ON CPP PORTAL
19. The Competent authority reserves the right to reject the tender at any stage if any discrepancy or deficiency is found in the tender process.
20. The Hard Copy of original instruments (as mentioned in check list **or uploaded by the tenderer on the website**) in respect of cost of tender document, earnest money, original copy of affidavits, must be dropped into the Tender box kept in office of IG/Principal CTC CRPF Neemuch on or before bid opening date/time as mentioned in critical date sheet.

**Signature of Tender Form issuing officer**

sd/- 05/4/2019  
**(B S Chauhan)**  
 IGP/Principal  
 CTC, CRPF, NIMACH (MP)

**Signature of Tenderers**

**DOCUMENTS ENCLOSED**

<b>S.NO.</b>	<b>DOCUMENTS</b>
1.	<b>Signed and scanned copy of DD for EMD for Rs. 50,000/- and tender cost Rs 5000/-</b>
2.	<b>Signed and scanned copy of up to date returns / acknowledgement from the department of trade &amp; taxes with TIN No./GST No.</b>
3.	Certificate to the effect that all the terms and conditions mentioned in the tender document are acceptable. <b>(signed and scanned copy)</b>
4.	<b>Signed and scanned copy of Registration with CPWD/PWD.</b>
5.	<b>Signed and scanned copy of Undertaking from the contractor that the work will be complete in stipulated time period.</b>
6.	<b>Signed and scanned copy of Affidavit regarding the non blacklisting of the contractor by any Central / State Govt. organization.</b>
7.	<b>Signed and scanned copy of Undertaking to replace the defective items if any at the cost of supplier.</b>
8.	<b>Signed and scanned copy of address proof that office of contractor.</b>
9	<b>Signed and scanned copy of similar nature work executed by bidder/tenderer earlier.</b>

**GOVERNMENT OF INDIA  
CENTRAL RESERVE POLICE FORCE**

1. Item rate tender and contract for work

(A) Tender for the work of :-

Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.)

- (i) To be opened at 1100 Hrs on 30/04/2019 in the office of the IGP/Principal CTC CRPF, Nimach (MP)
- (ii) Issued to : \_\_\_\_\_( Contractor)

Signature of officer issuing the Document \_\_\_\_\_

Designation \_\_\_\_\_

Date of issue \_\_\_\_\_

**Signature of Tender Form issuing officer**

sd/- 05/4/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**Signature of Tenderers**



## **Instructions for Online Bid Submission:**

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<https://eprocure.gov.in/eprocure/app>.

### **REGISTRATION:-**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Click **here to Enroll**” on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenderers by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenderers, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenderers they are interested in, they may download the required documents/tender schedules. These tenderers can be moved to the respective ‘My Tenderers’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

### **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should deposit the EMD as per the instructions specified in the tender document. And tender fees as prescribed in the tender in the Bank A/c of IG, CTC, CRPF before on line submission of tender. The bank A/c details of IG, CTC, CRPF as follows Bank: **State Bank of India**. Account No. **30566657287** Branch Code. **10215**. Branch. **SBI TAGORE MARG**. IFS Code: **SBIN0010215**. **The transaction details of remittance of EMD and tender fees to CRPF A/C should be filled at appropriate place in the tender.**

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the prices bid have been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected)

Cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 5) The server time (which is displayed on the bidder’s dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

### **Signature of Tender Form issuing officer**

SD/- 05/04/2019  
**(B S Chauhan)**  
IGP/Principal  
CTC, CRPF, NIMACH (MP)

**Signature of Tenderers**

## ADDITIONAL CONDITIONS

1. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
2. The work shall be carried out as CPWD specifications 2009 Vol. I & II with up to date correction slips unless otherwise specified in the nomenclature of individual item or in the specifications and special conditions, where specifications are silent, the decision of IGP/Principal, CTC Nimach shall be final and binding on contractors.
3. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, cartage, sales tax and stacking at required places etc. Centering, shuttering, however if required to be done for RCC beams, RCC floor slab and landings only for centering heights greater than 3.5m shall be measured & paid separately.
4. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
5. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
6. Articles manufactured by the reputed firms and approved by IGP/Principal, CTC Nimach shall only be used. Only articles classified, as 'first quality' by the manufacturer shall be used unless otherwise specified. In case articles bearing ISI certification are not available in the market, quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. For the items not covered by CPWD specifications relevant BIS standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the IGP/Principal, CTC Nimach before actual execution of work.
7. Samples of materials required for testing shall be provided free of cost by the contractor. Testing charges, if any, shall be borne by the department in case the test results are satisfactory except where-ever specifically mentioned otherwise in the NIT. All the expenditure to be incurred for taking samples, conveyance, packing etc. shall be borne by the contractor.
8. The contractor shall submit a detailed programme of work within 15 days of the date of award of work. The IGP/Principal, CTC Nimach can modify the programme and the contractor shall have to work accordingly.
9. The quantities of each item shall not be exceeded beyond the agreement, quantities without prior permission of IGP/Principal, CTC Nimach.
10. Statutory deductions on account of VAT/GST, income tax and surcharge as applicable shall be made from the gross amount of the bill.
11. The contractor shall make his own arrangements for obtaining electric connection, if required and make necessary payments directly to the department concerned.
12. All types of mortars to be used in the work shall be mixed in the mechanical mixer and hand mixing shall not be permitted.
13. The contractor shall make his own arrangement for getting the permission to ply the trucks from the traffic police.
14. No payment shall be made to the contractor for any damage caused by rain, snow fall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.

15. Other agencies may also simultaneously be executing the work of electrification, Horticulture or external services and other building works for the same building, along with this work. The contractor shall afford necessary facilities for the same and no claim in the matter shall be entertained. The contractor shall especially co-ordinate with the other agency carrying out his work.
16. Some restrictions may be imposed by the security staff etc. on the working and or movement of labour and materials, etc. the contractor shall be bound to follow all such restrictions / instructions and nothing shall be payable on this account.
17. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work by storing materials on the road.
18. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work.
19. Testing of materials:-  
In case there is any discrepancy in the frequency of testing as given in the list of mandatory test and that in the individual sub-head of work as per the CPWD specifications 2009 Vol. I to II with up to date correction slips, the higher of the two frequencies shall be followed and nothing extra shall be payable to the contractor on this account. Samples of all fittings and fixture to be provided shall be got approved from the Engineer-in-charge before use in the work.
20. The rate for all items of work, shall unless otherwise clearly specified include cost of all labour, material and other inputs involved in the execution of the items.
21. The order of preference in case of any discrepancy as indicated in condition no. under “Conditions of contract” given in the General Conditions of contract for CPWD work 2010 form may be read as the following:
  - a) Description of Schedule of quantities.
  - b) Additional Specification’s and special conditions, if any.
  - c) Contract clauses of General conditions of contract for Central P.W.D.works 2010 form.
  - d) CPWD Specifications.
  - e) Architectural drawings.
  - f) Indian Standard Specifications / BIS
  - g) Sound engineering practice.Any reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenderers. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.
22. The contractor shall make his own arrangement of water for construction and drinking purpose as well for electricity and its distribution at his own cost. The department will render only assistance to the contractor for making application to JB / authorized Electric supply agency, if required. All the fees and charges including consumption charges shall be borne by the contractor.
23. The contractor will not have any claim in case of any delay by the IGP/Principal, CTC Nimach in removal of trees or shifting, removing of telegraph, telephone or electric lines (overhead or underground), water and sewer lines and other structure etc., if any which may come in the way of the work. However, suitable extension of time can be granted to cover such delay.

24. The malba/ garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed-off by the contractor to the approved dumping site identified by the IGP/Principal, CTC Nimach. The surplus soil / earth shall be disposed of as per the directions of IGP/Principal, CTC Nimach separately.
25. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment's left out of his work and dress the site around the building to the complete satisfaction of the IGP/Principal, CTC Nimach before the work is treated as completed.
26. After survey all drawings and basic data shall be property of the CRPF and contractor submit the undertaking for not using for any other purpose and anywhere else in future.
27. **Work shall be carried out in professional manner with finished product serving the intended purpose with specified strength, durability and aesthetics.**

**Signature of Tender Form issuing officer**

**SD/-05/04/2019**  
**(B S Chauhan)**  
IGP/Principal  
CTC, CRPF, NIMACH (MP)

**Signature of Tenderer with seal**

## ADDITIONAL CONDITIONS FOR CEMENT

### 1.0 CONDITIONS FOR CEMENT

- 1.1 The contractor shall procure 43 grade (conforming to IS: 8112) Ordinary Portland cement, as required in the work, from reputed manufacturers of cement having a production capacity not less than one million tons or more per annum, such as ACC, Ultra Tech, J.P. Cement, Vikram, Shri Cement, Birla Cement, JK Cement and Cement Corporation of India etc., as approved by the Ministry of Industry, Govt. of India, and holding license to use ISI certification mark for their product. Portland puzzolana cement (fly ash based) conforming to IS: 1489 part I of equivalent grade shall also be allowed in non-structural works. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tender proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tender, fully or partially. The supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS Codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS Codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the IGP/Principal, CTC Nimach to do so.
- 1.2 The cement shall be brought at site in bulk supply of approximately 50 tones or as decided by the IGP/Principal, CTC Nimach .  
The cement godown of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.
- 1.3 Double lock provision shall be made to the door of the cement godawn. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the IGP/Principal, CTC Nimach at any time.
- 1.4 The cement shall be got tested by AC(Bldg)/SI(Civil) and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost of testing laboratories. The cost of test shall be borne by the contractor / department in the manner indicated below:
- a) By the contractor, if the results show that the cement does not conform to relevant BIS Codes.
  - b) By the department, if the results show that the cement conforms to relevant BIS Codes.
  - c) If the cement brought is in smaller lots than specified in para 1.2 above, the cost of testing charges beyond the permissible frequency shall be borne by the contractor until and unless specifically directed otherwise, in writing, by the IGP/Principal, CTC Nimach .

- 1.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause 39 of the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment needs to be made.
- 1.6 The cement brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the IGP/Principal, CTC Nimach .
- 1.7 The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the IGP/Principal, CTC Nimach . If he does not do so within three days of receipt of such notice, the IGP/Principal, CTC Nimach shall get it removed at the cost of the contractor.

**Signature of Tender Form issuing officer**

**sd/-05/04/2019**  
**(B S Chauhan)**  
IGP/Principal,  
CTC, CRPF, NIMACH (MP)

**Signature of Tenderer with seal**



## CONTRACTOR'S LABOUR REGULATIONS

### Short Title:

1. These regulations may be called the "Contractors" Labour regulations".
2. If these regulation, unless otherwise expressed or indicated the words and expressions shall have the meaning hereby assigned to them respectively that is to say.
  - (i) "Labour" means worker employed by the Corporation's contractor directly or indirectly through a subcontractor or other persons or by an agent on his behalf on a payment not exceeding Rs.400/- per month and will not include supervisory staff like Overseers etc.
  - (ii) "Fair Wages" means wages whether for time or piece work notified at the time of inviting Tenderers for work and where such wages prescribed by the Government of India in the Ministry of Labour and Employment vide SO No.1917 published in the Gazette of India. Extraordinary Part 11 Section (3) subsection (ii) dated 19.5.1969.
  - (iii) "Contractor" shall include every person whether a sub-contractor or head man or agent employing labour on the work taken on contract.
  - (iv) "Wages" shall have the same meanings as defined in the payment of Wages Act and include time and piece rate wages.
- 2a. Normally working hours of an adult employee should not exceed 9 hours a day; the working day shall be so arranged that inclusive of interval for rest, if any it shall not spread even more than 12 hours on any day.
- 2b. When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid overtime for the extra hours put in by him at double the ordinary rate of wages.
- 2c. Every worker shall be given a paid weekly holiday normally on Sunday in accordance with the provisions of minimum wages (central rules, 1960 as amended from time to time irrespective of whether such worker is governed by the Minimum Wages Act 1948 or not).
3. Display of Notice regarding Wages etc. The contractor shall :
  - (a) Before the commences his work on contract display and correctly maintain and continue to display and correctly maintain in a clean and legible condition in conspicuous places on the work, Notice in English and in the local Indian Language spoken by the majority workers, giving the rate of wages which have been certified by the Executive Engineer, Regional Labour Commissioner, as fair wages and the hours of work for which such wages are earned and
  - (b) Send a copy of such Notices to the certifying officer.
4. Payment of wages
  - (i) Wages due to every worker shall be paid to him direct.
  - (ii) All wages shall be paid in current coin or currency or in both.
  - (iii) Arrears claimed after 3 months after the completion of work shall not be entertained.
5. Fixation of Wage Period (i) The contractor shall fix the wage period in respect of which the wages shall be payable.

The minimum daily rates of wages fixed under Notification of Government of India in the Ministry of Labour and Employment S.O. 1971 dated 19th May, 1969 are inclusive of wages for weekly day of rest and the question of extra payment for weekly holiday would not arise.

  - (i) No wage period shall exceed one month.

(ii) Wages of every worker employed on the contract shall be paid (a) in case of establishment in which wage period is one week within 3 days from the end of the wages period and (b) in the case of other establishments before the expiry of the 7th day or 10th day from the end of the wage period according as the number of workers employed in such establishments does not exceed 1000 or exceeds 1000.

(iii) When the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the day exceeding the one on which his employment is terminated.

(iv) All payment of wages shall be made on a working day except when the work is completed before the expiry of wage period; in which case final payment shall be made within 48 hours of the last working day at work site and during the working time.

NOTE: - The term working day” means a day on which the work on which the labour is employed, is in progress.

6. Wage Book and Wage Slips etc. :-

(i) The contractor shall maintain a Wage Book of each worker in such form as may be convenient at the place of work, but the same shall include the following particulars.

(a) Name of the worker

(b) Rate of daily or monthly wages

(c) Nature of work on which employed

(d) Total number of days worked during each wage period

(e) Dates and period for which worked overtime

(f) Gross payable for the work during each wage period.

(g) All deductions made from the wage with an indication in each case of the ground for which the deduction is made

(h) Wages actually paid for each wage period.

(i) Signature or thumb impression of the worker

(ii) The contractor shall also issue a wage slip containing the aforesaid particulars to each worker employed by him on the work at least a day prior to the day of disbursement of wages.

(iii) The contractor shall issue an Employment Card in the prescribed Form III to each worker on the day of work or entry into his employment. If the worker has already any such card with him from the previous employer the contractor shall merely endorse that Employment Card with relevant entries. On termination of employment the employment card shall again be endorsed by the contractor and returned to the workers.

(iv) The contractor shall issue an attendance-cum-wages card as per Form IV attached to each worker on the day of each worker on entry into his employment.

7. Register of unpaid wages : The contractor shall maintain a register of unpaid wages in such form as may be convenient at the place of work but the same shall include the following particulars.

(a) Full particulars of the labours where wages have not been paid

(b) Reference number of the muster roll and wage register.

(c) Rate of wages

(d) Wage period

(e) Total amount not paid

(f) Reasons for not making payment

(g) How the amount of unpaid wages was utilized

(h) Acquaintance with dates.

8. **Register of Accidents** :- The contractor shall maintain register of accidents in such form as may be convenient at the work place but the same shall include the following particulars :-
- (a) Full particulars of the labourers who met with accident.
  - (b) Rate of Wages
  - (c) Sex
  - (d) Age
  - (e) Nature of accident and cause of accident.
  - (f) Time and date of accident
  - (g) Date and time when admitted in hospital
  - (h) Date of discharge from the hospital
  - (i) Period of treatment and result of treatment
  - (j) Percentage of loss of capacity and disability as assessed by Medical Officer
  - (k) Claim required to be paid under Workman's Compensation Act.
  - (l) Date of Payment of compensation
  - (m) Amount paid with details of persons to whom the same was paid
  - (n) Authority by whom the compensation was assessed
  - (o) Remarks.

**Signature of Tender Form issuing officer**

sd/-05/04/2019  
**(B S Chauhan)**  
IGP/Principal  
CTC, CRPF, NIMACH (MP)

**Signature of Tenderer with seal**

## SAFETY CODE

### Safety Code

- (i) Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground or from solid construction except such short period works as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holdings the ladder and if the ladder is used for carrying material is well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than  $\frac{1}{4}$  to 1 (4 horizontal and 1 vertical).
- (ii) Scaffolding or staging more than 12 ft. Above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have guard rail properly attached bolted, braced and otherwise secured at least 3 feet high above the floor or platform of such scaffolding or staging and extending along with entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding shall be so fastened as to prevent it from swaying from the building or structure.
- (iii) Working platform, gangways, and stairways should be so constructed that they should not sag unduly or unequally and if the height of the platform or the gangway or the stairway is more than 12 feet above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened, as described in (ii) above.
- (iv) Every opening in the floor of a building or in a working platforms be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or raiding whose minimum height shall be 3-0".
- (v) Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed; no portable single ladder shall be over 30 feet in length while the width between side rail in rung ladder shall in no case be less than 11-1/2" for ladder upto and including 10 feet in length. For longer ladders this width should be increased at least  $\frac{1}{2}$ " for each additional foot or length. Uniform step spacing shall not exceed 12. Adequate precautions shall be taken to prevent danger from electrical equipment's. No materials on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person of the public. The contractor shall provide all necessary fencing and lights to protect the public from accidents, and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damaged and cost which may be awarded in any such suit, action or proceedings to any such persons or which may with the consent of the contractor be paid to compromise any claim by any such persons.
- (vi) Excavations and Trenching All trenches four feet or more in depth, shall at all times be supplied at least one ladder for each 100 feet in length or fraction thereof ladder shall be extended from bottom of trench to at least 3" above the surface of the ground, the side of trench which are 5", or more in depth shall be stepped back to give suitable slope or security held by timber bracing so as to avoid the danger of side to collapse. The material shall not be placed within 5 feet of the trench or half of the depth of trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
- (vii) Demolition: Before any demolition work is commenced and also during the process of the work:
  - (a) all roads and open areas adjacent to the work site shall either be closed or suitably protected;

- (b) no electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
  - (c) all practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be overloaded with debris or a material as to render is unsafe.
- (viii) All necessary personal safety equipment as considered adequate by the Engineer-in-charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use and the contractor should take adequate steps to ensure proper use of equipment by those concerned.
- (a) Worker employed on mixing asphaltic materials, cement and lime mortar shall be provided with protective footwear and protective goggles.
  - (b) Those engaged in white washing and mixing or staking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.
  - (c) Those engaged in welding works shall be provided with welder's protective eye shields.
  - (d) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
  - (e) When workers are employed in sewers and manholes, which are in used, the contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.
  - (f) The contractor shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 years are employed on the work of lead painting the following precautions should be taken.
  - (g) No paint containing lead or lead products shall be used except in the form of paste or ready-made paint.
  - (h) Suitable face masks should be supplied for use by the workers when paint applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
  - (i) Overalls shall be supplied by the contractors to the Workmen and adequate facilities shall be provided to enable the working painters to wash during the course of work.
  - (j) When the work is done near any place where is risk of drowning, all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue at any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.
  - (k) Use of hoisting machine and tackle including their attachments anchorage supports shall be conform to the following standards or conditions:
    1. (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defect and shall be kept in good repair and in good working order.
    - (b) Every rope used in hoisting or lowering, materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
  - 2. Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in-charge of and hoisting machine including any scaffolding winch or give signals to operator.

3. In case of every hoisting machine and of every chain ring hook, stickle, swivel any pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load, each safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
  4. In case of departmental machines, the safe working load shall be notified by the The IGP/Principal, CTC Nimach . As regards contractor's machines the contractors shall notify the safe working load of the machine to the The IGP/Principal, CTC Nimach whenever he brings any machinery to site of work and get it verified by the The IGP/Principal, CTC Nimach .
- (ix) Motors, gearing transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum, the risk of accidental decent of the load, adequate precautions should be taken to reduce and to minimize; the risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installations which are already energized insulting mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
  - (xi) All scaffolds, ladders and safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.
  - (xi) These safety provisions should be brought to the Notice of all concerned by display on a Notice board at prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
  - (xii) To ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangement made by the contractor shall be open to inspection by the Labour Officer, The IGP/Principal, CTC Nimach of the department for their Representatives.
  - (xiii) Notwithstanding the above clauses from (i) to(xiv) there is nothing in these to exempt the contractor from the operations of any other Act or rule in force in the Republic of India.

**Model Rules for the Protection of Health and Sanitary  
Arrangements for Workers Employed  
By Contractor**

**1.Application**

These rules apply to all building and construction works in-charge of Central Reserve Police Force.

**2. Definition:**

“Work place” means a place at which, at an average 20 or more workers are employed in connection with construction work.

### 3. First Aid:

- (a) At every work place there shall be maintained in a readily accessible place first aid appliance including an adequate supply of sterilized dressings and sterilized cotton wool. The appliances be kept in good order and in large work place they shall be placed under the charge of a responsible person who shall be readily available during working hours.
- (b) At large work place, where hospital facilities are not available within easy distance of the work. First Aid post shall be established and be run by a trained compounder.
- (c) Where the large work places are remote from regular hospitals, indoor ward shall be provided with one bed for every 250 employees.
- (d) Where large work places are situated in cities, in town or in their suburbs and no beds are considered necessary owing to the proximity of city or town hospitals suitable transport shall be provided to facilitate removal of urgent cases to the hospitals. At other work places, some conveyance facilities, such as a car shall be kept readily available to injured person or persons suddenly taken seriously ill to the nearest hospital.

### 4. Drinking Water:

- (a) In every work place, there shall be provided and maintained at suitable places easily accessible to labour a sufficient supply of cold water fit for drinking.
- (b) Where drinking water is obtained from intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- (c) Every water supply of storage shall be at a distance of not less than 50 feet from any latrine, drain or other source of pollution. Where water has been drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap-door which shall be dust free and waterproof.
- (d) A reliable pump shall be fitted to each covered well the trap-door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

### 5. Washing and Bathing Place:

- (i) Adequate washing and bathing places shall be provided, separately for men and women,
- (ii) Such places shall be kept in clean and drained condition.

### 6. Scale of Accommodation in Latrines and Urinals:

These shall be provided within the precincts of every work place latrines and urinals in an accessible place, and the accommodation, separately for each of them: shall not be less than the, following scale

	<u>No. of seats</u>
(a) Where the number of person does not exceed 50	2
(b) Where the number of persons exceeds 50, but does not exceeds 100	3
(c) For every additional 100	3 per 100

In particular cases the Executive Engineer shall have the powers to vary the scale necessary.

## **7. Latrines and Urinals for Women:**

If women are employed separate latrines and urinals, screened from those for men and marked in the vernacular in conspicuous letters. "For Women only" shall be provided on the scale laid in rule 6. Those for men shall be similarly marked "For men only". A poster showing the figure of a man and a woman shall also be exhibited at the entrance of latrines for each sex. There shall be adequate supply of water close of the urinals and latrines.

## **8. Latrines and Urinals :**

Except in work places provided with water flushed latrines, connected with a water borne sewage system, all latrines shall be provided with receptacles on dry-earth system which shall be cleaned at least four times daily and at least twice during working hours and kept in a strictly sanitary condition. The receptacles shall be tarred inside and outside at least once a year.

## **9. Construction of Latrine :**

The inside walls shall be constructed of masonry or some suitable heat-resisting non-absorbent materials and shall be cement-washed inside and outside at least once a year. The dates of cement washing shall be noted in a register maintained for the purpose and kept available for inspection. Latrines will not be of a standard lower than borne hole system and should have thatched roofs.

## **10. Disposal of Excreta:**

Unless otherwise arranged for by the local sanitary authority arrangements for proper disposal of Excreta by incineration at the work place shall be made by means of suitable incinerator approved by the Assistant Director of Public Health or the Municipal Medical Officer of health, as the case may be, in whose jurisdiction the work place is situated. Alternatively excreta may be disposed off by putting a layer of night soil at the bottom of pucca tank prepared for the purpose and covering it with a 6" layer of waste or refuse and then covering it up with a layer of earth for a fortnight (when it will turn into manure).

## **11. Provision of Shelters during rest:**

At every work place there shall be provided, free of cost, two suitable sheds one for meals and the other for rest separately for men and women for the use of labour. The height of the shelter shall not be less than 11 feet from the floor level to the lowest part of the roof. The sheds should be roofed with at least thatch and mud flooring will be provided with a dwarf wall around not less than 2-1/2 feet. Sheds should be kept clean and space should be on the basis of at least 5 square feet per head.

## **12. Creches:**

At every work place, at which 50 or more women workers are ordinarily employed, there shall be provided two huts for the use of children under the age of 8 years belonging to such women. One hut shall be used for infant's games and play and the other as their bed room. The huts shall not be constructed on a lower standard than the following.

- (i) Thatched roof.
- (ii) Mud floors and walls
- (iii) Planks spread over the mud floor and covered matting.

The huts shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweeper to keep the place clean. There shall be two Dais in attendance. Sanitary utensils shall be provided to the satisfaction of the Health



Officer of the area concerned. The use of the hut shall be restricted to children their attendants and mothers of the children.

(a) Where the number of women workers is more than 25 but less than 50, the contractor shall provide at least one hut and one Dais to look after the children of women workers.

(b) The size of crèche or crèches shall vary according to the number of women workers.

(c) The crèche or crèches shall properly be maintained and necessary equipment like toys etc. shall be provided.

### **13. Canteen**

A cooked foods canteen on moderate scale shall be provided for the benefit of workers wherever it is considered expedient.

14. The above rules shall be incorporated in the contracts and in Notices inviting Tenderers and shall form an integral part of the contract.

## List of Approved Make of Materials

Materials		Approved make all of Ist Quality/ ISI Mark	
Glazed Ceramic tiles		Nitco, Kajaria, Somany, Orient, Johnson, Varmora, Asian granito	
Chequered Tiles		Nitco, Modern, Ultra, Unistone, Varmora	
Rectified Tiles		Rectificado of Kajaria, Johnson, Somany, Varmora, Asian granito	
Terrazzo Tiles/Mosaic Tiles		Nitco, Bharat, NTC modern or equivalent	
Vitrified Tiles (Double charge)		Rivera, Asian granito Tiles, Kajariao, CENgres, Somany, Nitco,	
Johnson, Varmora			
Clay Tiles		Kenjal, Johnson or equivalent	
Porcelain Tiles		Asian, Century, Johnson or Asian Granito	
Glass Mosaic Tiles		Italia, Opio or equivalent	
Manglore Tiles		Manglore Tiles	
Tile Adhesive as per IS : 15477	Ferrous, Soman	(Easy Fix), Laticrete,	Pidilite, COCO BAL
ENDURA			
Bathroom C-P and S.S. Fittings and		Kingston, ESS-ESS, Zim, Jaquar, Marc , Kohler, Cardin, Crabtree	
Accessories			
Bathroom Fixtures		Hindware, Neycer, Cera of 1 <sup>st</sup> quality, Perryware	
Kitchen Sink (Steel)	Neelkanth, Marc of	1 <sup>st</sup> quality, Allex, Nirali, Jayna	
Kitchen Sink (Fire Clay)		Parsuram, Sanfire, Padmini & Hindustan of 1 <sup>st</sup> quality	
PVC Tank		Sintex, Rotax, Storax, Unitank, Unoplast, Gangakalash or ISI marked	
brand with weight and wall thickness as per CPWD specifications			
Plastic seat cover for English W.C.		Commander, Cuckoo, Hindustan, Diplomat, Hindware, Admiral	
PVC Cistern		Commander, Duralite, Hindustan, Coral, Hindware, Speed FLO, Pearl, prayag	
P.T.M.T. Fittings		Prayag, Prima, Pearl	
PVC Pipe & Fittings		ISI mark Supreme, Jindal, AKG, Finolex, Prince, Kisan, SFMC, Diplast	
A.C. Sheet (Plain / Corrugated )		Lotus, Chairman, Uppal, ACC, Manglore	
GI Sheet		Sail, TATA, Jindal or equivalent	
Fibre Glass Sheet		Simcryl of Simba Fibre Glass Company of specified thickness or	
equivalent			
Meta Colour Sheet		Meta Colour Sheet Pvt. Ltd.	
G.I. Fittings		Unik, UK, Surya, KS, AMCO, AVR, NVR, RR	
Anodised Aluminium	Hardware	Hardima, Everite, Sigma, Argent, Classic make or equivalent	
(Heavy Duty) Aluminium Fittings			
Vitreous China Sanitary ware		Hindware, Parry ware, Cera, Neycer	
Fireclay Sinks & Drain Boards		Parry, Sunfire Prasuram or equivalent	
Acrylic Exterior Emulsion Paint		Asian, Nerolac, Berger, ICI Dulux, Shalimar, Acro Paint.	
Water-Proof Cement Paint		Snowcem, Asian, Berger, Shalimar, Acro Paint	
Synthetic Enamel Paint		Berger (Luxol), Nerolac, Asian (Apolite), Shalimar (Super Hi- Gloss),	
Johnson Nicolsan, Dulux, Acro Paint (Acro Gold).			
Plastic emulsion paint	Rangoli super acrylic of Berger paint make,	Nerolac Beauty Gold of	
Goodlass Nerolac paints Ltd., Acro Silk of Acro Paints Ltd., Asian premium Emulsion of Asian paint make.dulux			
POP		J.K., Laxmi, Birla, Asian Paint, Sakarni	
Exterior Putty		Birla wall care, J.K. wall care or equivalent	

Dry Distemper	Berger (Castle), Jenson & Nicholson, Asian, Nerolac, Shalimar	
Oilbound washable/	Acrylic	Bison acrylic of Berger, Nerolac Beauty of Goodless Nerolac, Tractor
distemper	brand of Asian Paint, Maxilite of ICI Paint, Aqualin of Acro Paints Ltd	
Steel Primer/ Wood Primer	ICI, Nerolac, Berger, Asian Paints	
Cement primer	B.P. (alkali resistant) water thinable of berger paint make Primolite water	
thinable Goodless of Nerolac point make.	Cement premier of Asian paint make.	
Bitumen	Indian Oil, Hindustan Petroleum	
APP Sheet	Butumen Co. Ltd., Roflex, STP, Dermabit, Apex	
G.I. Pipes	Jindal, Tata, Prakash, Srikrishna, Jaldhara-Hissar or ISI marked Brand	
MS Pipe & Tubes	Kesoram, Electro Steel, Tata, Jindal (Hisar), parkash Steel Tubes,	
Bushan Industries, BST, ITC, Surya	Centrifugally Cast (spun) iron Pipes	NECO, Babulal Bajaj Iron Foundry Mathura (HIF) or any other B.I.S.
marked product	Centrifugally Cast (spun) Iron Pipes (Class LA)	Electro Steel, Kesoram, RIF, Neco or equivalents
R.C.C. pipes - (NP-2)	Lakshmi, Sood & Sood, Jain & Co. or equivalent	
Reinforcement Steel	SAIL, Tata Steel, RINL	
Precoated Metal Steel	Meta Colour, Kirby, Tata Blue Scope or equivalent	
Nuts, Bolts and Screws, ( Steel )	Kundan, Priya, Atul, GKW	
M.S. Section	Tisco, Jindal, Sail, Rana, Capital	
MS Rolling shutters	Rama rolling shutters, jyoti rolling shutters, Anand industries	
G.I. Wire Mesh	Sterling Enterprises, Trimurty Welded Mesh, Tiger Brand or equivalent	
Locks/ Latch	Godrej, Harrison, Plaza, Golden, Yale	
Dash- Fastners	Hilti, Fisher, Canon or equivalent	
Hydraulic Door Closer/ Floor Spring	Hardwyn, Godrej, Yale or equivalent	
Door Closure Lock	Ingerroll Rand, Dorma or equivalent	
Laminates	Formica, Decolam, Merino, Greenlam	
Veneered/ Prelaminated	Particle	Novapan, Kitply, Anchor, National, Kitlam
Board	Flush Door Shuttes (Decorative/ Non Decorative)	ISI mark Kitlam, National, Swasthik, Corbett Kitply, CNC, Shivalik, Prima Jayna
FRP Doors ( Shutters and Chowkhats )	Fibre ways technology, Shiv Shakti Fibre udhyog, Samba FRP &	
Ply wood/ Board (Commercial or teak ply) etc.	Advance Tech	Duro, National, Kit Ply, Greenply, Bhuttan tuff, Jayna
Laminated wooden flooring	Factory made Panelled & wire gauge	Pergo, Vista, Virgin, Juncker M/s Sant doors, Panchkula, M/s New Jagdamba Doors, Rajpura, M/s
wooden door/ window shutters	Aluminium Sections ( all types )	A.S. Timber (Yamuna Nagar) Jindal, Hindalco, Indalco or equivalent
Aluminium composite panel sheet	Friction Stay Hinges	Alucobond, Alstone Earl-Bihari or equivalent
EPDM Gasket	Paver Blocks & Kerb stones	Hanu, Anand or equivalent
Pre-cast Cement Concrete slab		NITCO, Unitile, N.T.C. Hindustan, KK, Unistone, Ultra K.K, Modern, NITCO, Advent, NTC, Hindustan or

	equivalent
Float Valve	IVC, Leader, Prayag, Kalsi, Prima
Ball Valves	Zoloto, IBP, Arco or equivalent
Gun metal valves	Leader, Zoloto, Kilburn, CIM Valves, Sant, Annapurna
Brass stop Cock & bib Cock	Zoloto, Sant, L & K, Leader, Jainko, PRIMA
Stone Ware Pipe & Gully Traps	Perfect, Parry, Hind or equivalent
C.I. Valves	Kirloskar, IVS, Burn, Annapurna
C.I. manholes Covers	B.C. RIF, Nico, Kajeco
Steel fibre re-inforced concrete manhole covers and grating	K.K. Manholes, Pragati Concrete, Dalal or equivalent
Tempered Glass/ Glass Pane	Modi Float & Saint Gobain, Aashi or equivalent
Bevelled Edge Mirror	Atul, Saint Gobain, Modiguard, Golden fish
White Cement	J.K. White, Birla White or equivalent
OPC/ PPC	ACC, Ultratech, Ambuja, Vikram, Birla, JK, Binani
S.S. Staircase Railing	Connect Architectural Products Pvt. Ltd., Jindal Stainless Steel Ltd.,
ICICH Industries, Essal	
Fire Check Door	Romat, Kutty Door or equivalent
Drapary rod, vention blinds	Mac, vista or equivalent
Poly-Sulphide Sealent	Pidillite, Tuffseal, Choksey, Chemicals
Damp Proof Compound	Dr. Fixit, Impermo, Duraseal, Acco-Proof or equivalent
Water Proofing material	Tap Crete, CICO, Accoproof, Impermo, Fosroc, Pidilite, Sika
Injection Grouting	Pidilite, Endura, CICO
Nonmetallic Surface Hardner	MC Deritop F.H. or equivalent
Epoxy mortar/ Admixtures	Fosroc, MBT, Sika, CICO, Asian
URINAL SENSOR (AUTOMATIC)/ELECTRIC OPERATED	ANGASH International (Copal Group) or equivalent
Modular Kitchen Accessories	Stallion or Sparkle Top
False Ceiling	
(i) Board	“GYP Board” of Gypsum India
(ii) Hanging System	Gypsum India
Mineral Fibre False Ceiling	Armstrong or equivalent
Metal False Ceiling	Armstrong, Aura (ISIPL), Newage, Dexune
Calcium Silicate False Ceiling	Aerolite, Armstrong.
Steel work with hot finished welded type tubes for tabular trusses	BST, Jindal, ITC, Ravindra

**NOTE:**

5 Unless otherwise specific specified, the makes mentioned in the nomenclature of concerned item will prevail over the list of makes specified above.

6 The contractor shall provide the materials as per the make or Brand indicated above. When two or more alternative brands have been mentioned, the brand to be finally used shall be decided by the Engineer Consultant. The contractor shall obtain the approval of Engineer Consultant for the alternative brands, before the actual execution of items.

All other items shall be ISI marked.

**Signature of Tender Form issuing officer**

sd/- 05/04/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**Signature of Tenderer**

**TENDER ACCEPTANCE LETTER**

(To be given on company Letter Head)

**Date:**

To,

The IGP/Principal,  
CTC, CRPF,  
Neemuch (MP).

**Sub : Acceptance of Terms & Conditions of RFP**

Reference No \_\_\_\_\_

Name of Tender/word

Dear Sir,

1. I/we have downloaded/obtained the tender documents(s) for the above mentioned „Tender/work“ from the web site (s) namely

\_\_\_\_\_

\_\_\_\_\_ as per your advertisement, given in the above mentioned website(s). \_\_\_\_\_ as per your advertisement, given in the above.

2. I/we hereby certify that I/we have read entire terms and conditions of the tender documents from page No \_\_01\_\_ to \_\_40\_\_ (including all documents lime annexure(s), schedules(s), etc---), which will form part of the contract agreement and I/we shall abide hereby the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/organizations too have also been taken into consideration, while submitting this acceptance letter.

4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum (s) in its totality / entirely.

5. The documents submitted in physical form as mentioned is the true copy of the documents uploaded on the Central Public Procurement Portal (<http://eprocure.gov.in/eprocure/app>).

6. In case any provisions of this tender are found violated, your department/organization shall be at liberty to reject this tender/bid including the forfeiture of the full said Earnest Money absolutely and we shall not have any claim/right against deptt in satisfaction of this condition.

Yours Faithfully,

(Signature of Bidder, with Official Seal) For and on behalf of the President of India (Signature of tenderer/s)

## PERFORMA FOR AGREEMENT

I/We have read and examined the notice inviting tender, schedule, specification. General Rules and directions, conditions of contract clauses of contract, special conditions and other documents and rule 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. viz schedule of quantities and in accordance in all respects with the specifications and instructions in writing and with such materials as are provided for by and in respects in accordance with such conditions so far as applicable.

I/We agree to keep the tender open for one hundred eighty (180) days from the due date of submission thereof and not to make any any modification in its terms and conditions.

A sum of Rs. \_\_\_\_\_ is hereby forwarded in FDR/ Demand draft of scheduled bank/Receipt Treasury challan/ Deposit at call receipt of a Scheduled Bank as earnest money. If I/We fail to commence the work specified I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute al the works referred to in the tender documents upon the terms and conditions contained or referred to there in and to carry out such deviation as may be ordered up to the maximum of the percentage mentioned in schedule to be in clause 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We shall treat the tender documents. and other records connected with the work as secret confidential document and shall not communicate information/derived there form to any person other than person to whom I/We may be utilized to communicate the same or use the information n any manner prejudicial to the safety of the state.

I/We agree that should I/We fail to commence the work specified in the above memorandum an amount equal to the amount of the earnest money mentioned in the form of invitation of tender and performance guarantee and security deposit shall be absolutely forfeited to the President of India and the same may be at the option of the competent authority on behalf of the President of India be recovered without prejudice to any other right to remedy available in law out of the deposit in so far the same may extend in terms of the said bond and in the event 4nt of deficiency out on any other money due to me/ us under this contract or otherwise.

Dated \_\_\_\_\_

Signature of the contractor

Witness

Postal address

Address-

Occupation

**Signature of Tender Form issuing officer**

sd/-05/04/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**Signature of Tenderers**

## CONDITIONS OF CONTRACT

### Definition:-

1. The Contract means the documents forming the Tender and acceptance thereof and the formal Agreement executed between The IGP/Principal, CTC Nimach and the contractor, together with the documents referred to therein including these conditions, the, specifications, designs, drawings and instructions issues from time to time by IGP/Principal, CTC Nimach 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 expression shall, unless the context otherwise requires, have the meaning, hereby respectively assigned to them:-
  - a) The expression 'Work' or work shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the work by or by virtue of the contract contracted to the executed whether temporary or, permanent, and whether original, altered, substituted or additional.
  - b) The 'Site' shall mean the land or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
  - c) The 'Contractor' shall, mean 'the individual or Firm or Company, whether incorporated or not undertaking the work and shall include the legal personal Representatives of such individual or the persons comprising such firm or company, or the successors of such company and the permitted assignees of such individual or firm or firms or company,
  - d) The 'Force' means the Central Reserve Police Force and its successors.
  - e) The IGP/Principal, CTC Nimach means the Inspector General of Police/Principal, Central Training Collage , Central Reserve Police Force, Neemuch (MP) who shall supervise and be in charge of the work.
3. Where the context so required, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall wherever required include feminine gender and vice versa.
4. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates 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 work.
5. In the case of discrepancy between the schedule of Quantities, and the Specifications etc., the following order of preference shall be observed:
  - i) Description of Schedule of Quantities.
  - ii) Particular Specification and Special Conditions, if any.
  - iii) CPWD Specifications.
  - iv) Indian Standard Specifications of BIS.
  - v) Specification notified by local bodies, if any.

If there are varying or conflicting provisions 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 document and his decision shall be final and binding on the contractor.

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 therein according to drawings and specifications or from any of his obligations under the contract.

Clause-1.

(I) The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the Tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement (not withstanding and/or without prejudice to any other provisions in the contract within period specified in Schedule "F" of „BID Data Sheet“ from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge upto a maximum period as specified in Schedule „F’ on written request of the contractor stating the reason for delays in procuring the Performance Guarantee to the satisfaction of the Engineer-in-Charge. This Guarantee shall be in the form of Cash, in case Guarantee amount is less than Rs. 10,000/- or Deposit at Call receipt of any Scheduled Bank / Banker’s Cheque of any Scheduled Bank /Demand Draft of any Scheduled Bank /Pay Order of any Scheduled Bank (in case of Guarantee amount is less than Rs.1,00,000/- or Government Securities or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the Form annexed hereto In case the Guarantee amount is more than Rs. One lakh.

(II) The PERFORMANCE GUARANTEE shall be initially valid upto the stipulated date of completion of work as well as one year maintenance contract plus 60 days beyond that, in case the time for completion of work gets extended, the contractor shall get the validity of Performance Guarantee extended to cover such extended time for completion of work. After recording of the completion certificate for the work by the competent authority, the Performance Guarantee shall be returned to the contractor without any interest.

(III) The IGP/Principal, CTC Nimach shall not make a claim unearth Performance Guarantee except for amounts to which the Central Reserve Police Force is entitled under the contract (not withstanding and /or without prejudice to any other provisions in the contract agreement)in the event of

(a) Failure by the contractor to extend the validity of the Performance Guarantee as described hereinabove, in which event the The IGP/Principal, CTC Nimach may claim the full amount of the Performance Guarantee.

(b) Failure by the contractor to pay CRPF any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the Agreement, within 30 days of the service of Notice to this effect by The IGP/Principal, CTC Nimach

iii) In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the Performance Guarantee shall stand forfeited in full and shall be absolutely at the disposal of the CRPF.

**CLAUSE 1A** : Upon reporting of completion of the work by the contractor, a board of officers detailed by IGP/Principal, CTC Nimach will inspect the whole work and will submit the report to IGP/Principal, CTC Nimach for approval. If the work is found satisfactory, the bill of contractor will be preferred to RPAO for recoupment/payment to the contractor in full and at the same time security/performance deposit will also be given him back.

**Signature of Tender Form issuing officer**

sd/- 05/04/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**Signature of Tenderers**



## BID DATA SHEET

1. Schedule of quantities (Enclosed)

2. Schedule of materials to be issued

To the contractor

Sl No.	Description of item	Qty	Rates in figures at which the material will be charged to the Contractor	Place of issue
--------	---------------------	-----	--	----------------

1	2	3	4	5
---	---	---	---	---

N/A

3. Tools and plant to be hired to the contractor

Sl No.	Description	Hire charged per day	Place of issue
--------	-------------	----------------------	----------------

Nil

4. Extra schedule for specific requirements documents for the work, if any:-

5. Work:- Repair and Renovation of 55 nos toilets with one year maintenance contract in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.)

6. Estimated cost of work :- Rs. 24,43,394

7. Earnest Money : Rs. 50,000

8. Security/performance Guarantee @ 10 % of offered amount of tender to be deposited by a successful contractor/bidder before issuing a work order.

9. Officer inviting Tender :- IGP, CTC, CRPF, Neemuch(MP)

Maximum percentage of quantity of item of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 and 12.3 as mentioned in CPWD, General Conditions of Contract .

10. Engineer in charge : ---

11. Accepting authority :- The IGP/Principal, CTC Nimach (MP)

12. Percentage on cost of materials and labours to cover all overheads and profits 15%

13. Department :- CRPF, Ministry of Home Affairs, Govt of India.

14. Standard schedule of rates: On the basis of AOR of CPWD

15. Standard schedule of rate :- DSR and AOR of CPWD

16. Time allowed for execution of work :- 01 month.

17. Authority to give fair and : \_\_\_\_\_

Reasonable extension of time: The IGP/Principal, CTC Nimach (MP)

For completion of work : 01 Month

18. Specification to be followed CPWD 2009 Vol –I and II with its upto date correction slip /amendments /IScode.

For execution of work : 01 Month

19. Schedule of rates for \_\_\_\_\_ to be decided on the basis of analysis  
Determining rates for \_\_\_\_\_ on approved labour rates.

Additional altered or \_\_\_\_\_ and market raters of material  
Substituted item that \_\_\_\_\_

Cannot be determined  
under

20. (i) Schedules/statement for determining  
theoretical quantity of cement  
and bitumen on the basis of Delhi  
schedule of Rates CPWD 2014

printed by CPWD.

(ii) Variation permissible on Theoretical quantities.

(a) Cement for works with estimated cost put to 3% plus/minus  
Tender not more than 5 lakhs

(b) For works with estimate cost put to tender 2% plus/minus  
more than Rs. 5 lakhs,

(c) All other materials Nil

21. RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl No	Description of item	Rates of figures and words at which recovery shall be made form the contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation
1	Nil	Nil	Nil
2	Nil	Nil	Nil

**Signature of Tender Form issuing officer**

sd/-05/04/2019

**(B S Chauhan)**

IGP/Principal

CTC, CRPF, NIMACH (MP)

**Signature of Tenderer with seal**

**PRICE BID /ITEM RATE UNDERTAKING From:**

(Full name and address of the Bidder) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To,  
Dear Sir/Madam,

I submit the Price Bid for \_\_\_\_\_ and related activities as envisaged in the Bid document.

2. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.

3. I offer to work at the rates as indicated in the price Bid, inclusive of all applicable taxes.

Yours Faithfully,

Signature of authorized  
Representative:

**OFFICE OF THE IGP/PRINCIPAL, CTC, CRPF, NEEMUCH(MP)**

No. B.V.1/2019-20-Bldg(CTC NMH)

Dated, the 05 April ,2019

**Name of work:** Repair and Renovation of 55 nos toilets in front of Kanetkar Barrack No. 1, 3 & 5 at CTC CRPF Nimach(M.P.)

**SCHEDULE OF QUANTITY**

**This page is not to be filled, Item rate to be filled in BOQ Sheet.(Price Bid)**

S. No.	Item No.	Item of work	Qty	Unit	Rate	Amt (Rs.)
1	2	<b>Earth work</b>				
2	2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:				
3	2.1.1	All kinds of soil	400	sq.m		
4	2.8	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.				
5	2.8.1	All kinds of soil	70	cu.m		
6	2.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
7	2.10.1	All kinds of soil				
8	2.10.1.2	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	150	meter		
9	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.	40	cu.m		
10		supplying and filling in moram in trenches plinth sides of foundation etc in laying not exceeding 20 cm in depth consolidating each deposited layer by watering and ramming lead upto 50 meter and lift 1.5 meter (inner side)	25	cu.m		
11	4	<b>CONCRETE WORK</b>				
12	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 :				
13	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)(3+6)	14	cu.m		
14	5	<b>REINFORCED CEMENT CONCRETE</b>				
15	5.1	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				
16	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm	5	cu.m		
17	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.				
18	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	500	kg		
19		<b>BRICK WORK</b>				

20	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
21	6.2.2	Cement Mortar 1:6 (1 cement : 6 coarse sand).	12	Cu.m		
22	<b>10</b>	<b>STEEL WORK</b>				
23	10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.				
24	10.5.2	Using flats 30x6mm for diagonal braces and central cross piece	15	sq.m		
25		providing and fixing of factory made 100% solid PVC flush door shutter (24 mmthick ) made co-extruded three layer rigid PVC foam sheet with density not less than 600 kg/cum outer layers 1 mm thick to be rigid upvc with density of not be less than 1400 kg/cum.Door should be water proof, Termite proof, fire resistant and having good scew holding capacity .	10	nos.		
26	<b>11</b>	<b>FLOORING</b>				
27	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colors, 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	210	sq.m		
28	11.39	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colors White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete	66	sq.m		
29	<b>13</b>	<b>FINISHING</b>				
30	13.1	12 mm cement plaster of mix :				
31	13.1.1	1:4 (1 cement: 4 fine sand)	100	Sq.m		
32	13.48	Painting Steel work with Deluxe Multi Surface Paint to give an even shade.Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primerapplied @ 0.80 ltr/10 sqm of approved brand and manufacture	180	sq.m		
33	<b>14</b>	<b>REPAIRING OF BUILDING</b>				
34	14.42	White washing with lime to give an even shade :				
35	14.42.1	Old work (two or more coats)	1200	sq.m		
36	<b>15</b>	<b>DISMANTLING AND DEMOLISHING</b>				
37	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in – charge				
38	15.2.2	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	12	cu.m		
39	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.				
40	15.7.4	In cement mortar	13	cu.m		
41	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
42	15.23.1	For thickness of tiles 10 mm to 25 mm	250	sq.m		
43	15.45	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:				
44	15.45.1	Up to 150 mm diameter	145	meter		

45	15.6	Disposal of building rubbish / melba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	35	cu.m		
46		Dismantling SW pipes including excavation and refilling trenches after taking out the pipes manually /by mechanical means ,breaking ,joints including stacking of pipes at site within 50 meter lead as per direction of Engineer in charge. Up to 300 mm diameter	110	meter		
47	<b>17</b>	<b>SANITARY INSTALLATIONS</b>				
48	17.1	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:				
49	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	55	each		
50	17.35	Providing and fixing soil, waste and vent pipes				
51	17.35.1	100 mm dia				
52	17.35.1.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	275	meter		
53	17.4	Providing and fixing heel rest sanitary bend				
54	17.40.1	100 mm dia				
55	17.40.1.2	Sand cast iron S&S as per IS – 3989	55	each		
56	17.43	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete				
57	17.43.1	100x100x100 mm				
58	17.43.1.2	Sand cast iron S&S as per IS – 3989	55	each		
59	17.57	Providing and fixing collar :				
60	17.57.1	100 mm				
61	17.57.1.2	Sand cast iron S&S as per IS – 3989	110	each		
62	17.58	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter				
63	17.58.1	100 mm	475	each		
64		Deducting for providing 10 litre low level white PVC flushing cistern with manually controlled device (handle level)conforming to IS:7231, in the item of providing and fixing water closed squatting pan (Indian type WC pan)	55	each		
65	<b>18</b>	<b>WATER SUPPLY</b>				
66	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
67	18.12.2	20 mm dia nominal bore	50	meter		
68	18.12.3	25 mm dia nominal bore	18	meter		
69	18.12.6	50 mm dia nominal bore	850	meter		
70	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
71	18.17.1	25 mm nominal bore	6	each		
72	18.17.1A	20 mm nominal bore	3	each		
73	18.17.4	50 mm nominal bore	3	each		
74	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) :				
75	18.46.2	20 mm nominal bore	6	each		
76	18.46.3	25 mm nominal bore	6	each		
77	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 but without fittings and the base support for tank.				

78	18.48.A	Circular tank	5000	per liter.		
79	18.54	Providing and fixing PTMT bib cock of approved quality and color				
80	18.54.4	15 mm nominal bore, 90 mm long, weighing not less than 93 gms	55	each		
81	18.62	Providing and fixing PTMT Ball cock of approved quality, color and make complete with Epoxy coated aluminum rod with L.P./H.P.H.D. plastic ball				
82	18.62.1	15 mm nominal bore, 105 mm long, weighing not less than 138 gms	3	each		
83	18.75	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and color.				
84	18.75.2	20 mm nominal bore, weighing not less than 40 gms.	6	each		
85	18.75.3	25mm nominal bore, weighing not less than 62 gms	6	each		
86		Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee including cutting and threading the pipe etc complete 20 mm nominal bore	3	each		
87	<b>19</b>	<b>DRAINAGE</b>				
88	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
89	19.6.2	150 mm dia. R.C.C. pipe	120	meter		
90	19.6.3	250 mm dia. R.C.C. pipe	110	meter		
91	19.7	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone 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 :				
92	19.7.1	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) :				
93	19.7.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	26	each		
94	19.7.2	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :				
95	19.7.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3	each		
96	19.8	Extra for depth for manholes				
97	19.8.1	Size-90x80 cm				
98	19.8.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3	meter		
99	19.8.2	Size-120x90 cm				
100	19.8.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1	meter		
101	19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.				
102	19.32.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3	each		

103	Cleaning of septic tank of various building including removing of sludge from septic tank with all lift and disposal of sludge by mechanical transport lead upto 10 km including loading and unloading of sludge into low laying area as approved by the local authorities. All necessary arrangement such as pump required for dewatering the septic tank sludge shall be arrangement by the contractor himself . (for measurement purpose depth below inlet level shall be measured)	110	cu.m		
-----	--	-----	------	--	--

**Signature of Tender Form issuing officer**  
**sd/-05/04/2019**  
**(B S Chauhan)**  
 IGP/Principal  
 CTC, CRPF, NIMACH (MP)

**Signature of Tenderer with seal**