



**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
ALL INDIA RADIO: CIVIL CONSTRUCTION WING**

APPROVED NIT

NIT NO:- EE(C)/CCW/JMU/NIT/2024-25/03

**Name of Work: - Repairs & renovations of existing toilet for CRPF at Akashvani,
Panjtirthi, Jammu.**

ESTIMATED COST : Rs.2,67,964/-

EARNEST MONEY : Rs.5,359/-

**SECURITY DEPOSIT : 2.5% of Running as well as final
bill/value of work**

PERFORMANCE GUARANTEE : 5 % of tendered/Accepted value of work

TIME ALLOWED FOR COMPLETION : One Month

**Certified that this approved NIT contains pages 01 to 40 only excluding the cover
pages.**

D/M(C)-I

ASW(C)

Executive Engineer (C)

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
CIVIL CONSTRUCTION WING: All INDIA RADIO**

INDEX

Name of Work: Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.

S. No.	DESCRIPTION	Page No.
1	Index	1
3	Press Tender Notice For e-Tenders	2
4	Invitation For Bid	3
5	Information and Instructions For Bidders For E-Tendering	4 –6
6	CPWD-6 For e-Tendering	7 – 13
7	Item Rate Tender & Contract For Works CPWD -8	14 – 15
8	Schedule “A” to “F”	16 - 21
9	Form of Performance Guarantee - Bank Guarantee Bond	22 – 23
10	Materials Arranged by the Contractor	24 – 26
11	Additional Conditions	27 – 28
12	List of Approved Make of Materials (FOR CIVIL WORKS)	29 – 30
13	Termination of Contract on Death of Contractor	31
14	Schedule of Quantities	32-40

Certified that this NIT Contains Pages 1 to 40 only excluding the cover pages.

D/M(C)-I

ASW(C)

Executive Engineer (C)

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
CIVIL CONSTRUCTION WING
All INDIA RADIO**

PRESS TENDER NOTICE FOR e-TENDERS

The Executive Engineer (Civil), CCW, AIR, Jammu (email : ccwair.jammu@prasarbharti.gov.in and Phone No. 0191-2546155) invites on behalf of the President of India online item rate tenders from approved & eligible contractors of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (R&B) Govt. of (U.T)/Jammu & Kashmir State & Other Departments of Govt. of (U.T)/Jammu & Kashmir State Upto 06:00 PM on **20-05-2024** for the following work :-

NIT No. EE(C)/CCW/JMU/NIT/2024-25/03

Name of Work: Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.

Estimated Cost: Rs.2,67,964/-

Earnest Money: - Rs.5,359/-

Period of completion: - One Month

Last date and Time of submission of Original EMD: 04:00 PM on 20-05-2024

Last date and Time of submission of Online bid: 06:00 PM on 20-05-2024.

Date & Time of opening of Online bid: 10:30 AM on 21-05-2024.

The bid forms and other details can be obtained from the website
<https://prasarbharati.eproc.in/ProductPB/publicDash>

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
Office of The Executive Engineer (C)
CIVIL CONSTRUCTION WING
All INDIA RADIO
Jammu**

INVITATION FOR BID

The Executive Engineer (Civil), Civil Construction Wing, All India Radio, Jammu (email: ccwair.jammu@prasarbharti.gov.in and Phone No. 0191-2546155), invites, on behalf of President of India, online item rate bids/tenders from approved and eligible contractors of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (R&B) Govt. of (U.T)/Jammu & Kashmir State & Other Departments of Govt. of (U.T)/Jammu & Kashmir State **Upto 06:00 PM on 20-05-2024** for the following work:

Sl. No.	NIT No.	Name of work and location	Estimated cost put to bid /tender	Earnest Money	Period of completion	Last Date and time of online submission of bid /Tender	Time and date of opening of bid/ Tender
1	<u>NIT No.EE(C)/CCW/JMU/NIT/2024-25/03</u>	Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.	Rs.2,67,964/-	Rs.5,359/-	One Month	06:00 PM on 20-05-2024	10:30 AM. on 21-05-2024

Information & Instruction for bidder for e-tendering

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on the website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://prasarbharati.eproc.in/ProductPB/publicDash>
4. But the bid can only be submitted after **depositing Processing Fee in favour of ITI Limited** and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of **Executive Engineer(C), CCW, AIR, JAMMU** and other documents as specified.
5. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
6. The intending bidder must have valid **Class-III** digital signature to submit the bid.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of **JPG** format and **PDF** format.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in Pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank, the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as **"0" (ZERO)**.
10. It will be obligatory on the part of the tenderer to tender for work and to sign the tender documents for all the component parts. The Department reserves the right to accept tender in full or in part.
11. The contractor shall quote rates including work contract GST, other taxes, Cess and levies. However, Contractor shall submit to the department the GST compliant tax invoice along with running /final account bills including GST registration of **Govt. of (U.T)/Jammu & Kashmir** state along with 1st running account bills.
12. The contractor's quoted rates shall among other things include the cost of working in multiple shifts, round the clock if necessary including working on gazzetted holidays.

13. List of documents to be scanned and uploaded within the period of bid submission.

- I. Scanned copy of EMD in the form of Treasury Challan/Demand Draft/Pay order or Bankers cheque /Deposit at call receipt/FDR/Bank guarantee of any scheduled bank.
- II. Affidavit as per clause 1.2.1 (b) of form CPWD – 6 on non judicial stamp paper of Rs. 100/- duly notarized (Notarization shall be done after the date of uploading/publishing of NIT).
- III. Enlistment order/valid registration of the contractor.
- IV. Certificate of registration for GST in any state and acknowledgement of last return filed (Not later than one year back from last date of receipt of tender). and an UNDERTAKING as mentioned below.

For contractors having GST registration in Govt. of UT/J&K State, no undertaking as mentioned below is required.

UNDERTAKING

- a) I am presently not working in Jammu & Kashmir Govt. and do not have GST registration of Govt of UT/ State of Jammu & Kashmir.
- b) If the work is awarded to me/us, then I/we shall obtain GST registration of Jammu & Kashmir state within 30 days of award of work OR before payment of first R/A Bill, whichever is earlier.
- V. Copy of PAN card
- VI. Partnership deed (if any) and power of attorney (if any)
- VII. Certificate of work experience (Issued by an authority not below the rank of Executive Engineer), should clearly specify the scope of work as required for fulfilling the similar nature criteria defined in para 1.2.1 (a)(i).
It is mandatory to upload scanned copies of all the documents including GST registration and undertaking as mentioned relating to GST. If these documents are not uploaded, then bid will become invalid and shall summarily be rejected. The bidder shall be required to produce original documents for verification on demand by Executive Engineer(C), CCW, AIR, JAMMU within 15 days opening of tender/bid. Onus of proving eligibility lies with the bidder.
14. The original EMD in the form of Treasury challan or Demand draft or pay order or Banker's cheque or deposit at call receipt or fixed deposit receipt (drawn in favour of Executive Engineer Jammu) should be deposited either in the office of Executive Engineer (Civil), CCW, AIR, Jammu inviting bids or Sub-Division Jammu also, within the period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division / Sub-division office is situated. The EMD receiving Executive Engineer / AE(C) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format uploaded by tender inviting EE in the NIT.

This receipt along with photo copy of EMD shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
Office of The Executive Engineer (C)
CIVIL CONSTRUCTION WING
All INDIA RADIO
Jammu**

Receipt of Deposition of EMD:-

(Receipt No..... / date.....)

<p>Name of Work : Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu..</p> <p>NIT No. EE(C)/CCW/JMU/NIT/2024-25/03</p> <p>Estimated Cost : Rs.2,67,964/-</p> <p>Amount of Earnest Money Deposit :- Rs.5,359/-</p> <p>Last date and Time of submission of Online bid upto: - 06:00 PM on 20-05-2024.</p>
<ol style="list-style-type: none"> 1. Name of Contractor 2. Amount of original Bank Guarantee Earnest Money deposit..... 3. Last Date of Submission of EMD 20-05-2024 Upto 04:00 PM
Seal & Sign

Note :

- (1) No cutting / overwriting shall be allowed in Treasury Challan / Demand Draft / Pay Order of Banker's Cheque / Deposit at Call Receipt / Bank Guarantee of any Scheduled Bank. If found so, their tender will be summarily rejected.**

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
OFFICE OF THE EXECUTIVE ENGINEER(C)
ALL INDIA RADIO: CIVIL CONSTRUCTION WING
Jammu**

CPWD-6 for e-Tendering

1. Online Item rate tenders/ bids are invited on behalf of the President of India from the approved and eligible contractors of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (R&B) Govt. of (U.T)/Jammu & Kashmir State & Other Departments of Govt. of (U.T)/Jammu & Kashmir State for the work of:

Name of Work: **Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.** The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1 The work is estimated to cost **Rs.2,67,964/-** This estimate however is given merely as a rough guide.

1.1.1 . The eligibility of bidders will correspond to the estimated cost put up to bid.

- 1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:

Criteria of eligibility for submission of bid documents:

- 1.2.1 The bidder/contractor who fulfills the following requirements shall be eligible to apply. Joint ventures are not accepted.

Condition for CPWD as well as non CPWD Contractors:

- (a) Should have satisfactorily completed the works as mentioned below in last Seven years ending **previous day of last date of submission of bids.**
 - i) Three similar works each costing not less than **Rs.1.07 Lakh** or two similar works each costing not less than **1.61** or one similar work costing not less than **Rs.2.14 Lakh in Central Govt./Central Autonomous Body/Central Public Undertaking/ State Govt./State autonomous body/State undertaking.**

Similar work shall means "Building works/Road work/Repair & renovation works" (scanned copies of work experience certificates are to be uploaded at the time of submission of bid).

ii) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid.

- (b) To become eligible for issue of bid, the bidders shall have to furnish an affidavit on non judicial stamp paper of Rs. 100/- duly notarized as under:

Name of Work: Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.

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

ii) The certified copy of all the scanned and uploaded documents specified in the press tender notice shall be deposited by me / us with the EE(C) Jammu calling the tender within 15 days of opening of the bids otherwise the department i.e. CCW, AIR may reject the tender and take action to debar me / us from tendering in CCW, AIR for a period of three years and can write to the competent authority for cancellation of my / our enlistment (Original papers of the uploaded documents shall be shown for verification to EE(C) Jammu).

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD-8 (or other Standard Form as mentioned), which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in** Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **One Month** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. (i) The site for the work is available.
 (ii) The working Architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work.
5. The bid document consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on the web Site
<https://prasarbharati.eproc.in/ProductPB/publicDash>
6. After submission of the bid, the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. Earnest money in the form of Treasury challan or Demand draft or pay order or Banker's cheque or deposit at call receipt or fixed deposit receipt (drawn in favour of Executive Engineer(C) CCW:AIR Jammu)shall be scanned and uploaded to the e-tendering website within the period of bid submission. The Validity of EMD submitted must be up to 45 Days from the date of opening of the tender.

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

9. **Intending contractors who wish to participate in the bid have also to make following payment with in the post of bid submission.**
 - (i) e-Tender Processing Fee shall be payable to M/s ITI Ltd. to their e-gateway by credit/debit card, internet banking or RTGS/NEFT facility, drawn in favour of "ITI Limited" payable at Delhi.
 - (ii) Earnest Money **Rs.5,359/-** in the form of Treasury Challan/Demand Draft/Pay order or Bankers cheque /Deposit at call receipt/FDR/Bank guarantee of any scheduled bank. The Validity of EMD submitted must be up to 45 Days from the date of opening of the tender.

10. Copy of Enlistment Order and certificate(s) of work experience and all other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within 15 days physically in the office of e-tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, **who has deposited e-tender processing fee with M/s ITI Ltd. and Earnest Money Deposit and other documents scanned and uploaded are found in order.**

The bid submitted shall be opened at 10:30 AM on 21-05-2024

- 10A. The contractor registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rate, or they have option to switch over to the new registration system without tender processing fee any time.
11. The bid submitted shall become invalid and e-tender processing fee shall not be refunded if :
- (i) The bidder is found ineligible.
 - (ii) The bidder does not upload all the documents (including GST registration and undertaking there to if required) as stipulated in the bid document including the copy of acknowledgement of last return filed (not later than one year back from the last date of receipt of tender) and the affidavit as mentioned in 1.2.1(b).
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the tenderer in the office of tender opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

12. The contractor whose bid is accepted, will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule 'F'. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/ Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period, if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited alongwith tender shall be returned after receiving the aforesaid performance guarantee.
13. Security deposit at the rate of 2.5% of the gross amount of the bill shall be deducted from each running bill as well as final bill of the contractor. Such deduction shall be made unless the contractor has deposited the amount as Govt. securities or fixed deposit receipt. This is in addition to be Performance Guarantee that the contractor is required to deposit as per terms and conditions of NIT.
14. The description of work is as follows:-

Name of work: - Repairs & renovations of existing toilet for CRPF at Akashvani, Panjirthi, Jammu.

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

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

15. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
16. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
17. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
18. The bidder shall not be permitted to bid for works in the CCW, AIR, (responsible for award and execution of contracts), in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the CCW, AIR or in the Ministry of Information & Broadcasting. Any breach of this condition by the contractor would render him liable to be removed from the approved/eligible list of contractors of this Department.
19. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as afore said before submission of the bid or engagement in the contractor's service.
20. The bid for the works shall remain open for acceptance for a period of **Forty Five (45) days** from the date of opening of bid in case of single bid system.
21. (i) If any tenderer withdraws his tender before the expiry of the validity period, or before the issue of letter of acceptance, whichever is earlier, 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 50% of the earnest money absolutely. This provision would naturally apply only to the lowest tenderer once the earnest money of all the tenderers except those of the lowest is refunded.
(ii) If contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money is absolutely forfeited to the President automatically without any notice.

(iii) In case of forfeiture of earnest money as prescribed in (i) and (ii) above, the tenderer shall not be allowed to participate in the retendering process of the work.

22. Unconditional rebate if any has to be mentioned in bid document itself and any rebate letter received in separate envelope will be ignored.
23. This notice inviting bid shall form a part of the contract document. The successful bidder/ contractor, on acceptance of his bid by the Accepting Authority, shall within 15 days from the stipulated date of start of the work, sign the contract consisting of :
 - a) The Notice Inviting bid, all the documents including additional conditions, special conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard CPWD Form-8 as amended/modified/corrected upto the date of on-line submission of bid.
24. The rates for all items of work, shall unless clearly specified otherwise include cost of all operations and all inputs of labour, material, T&P , scaffolding , wastage, watch and ward, other inputs , all incidental charges for all heights & lead, all taxes i/c GST or BOCW on work contracts, cess ,duties , levies etc. required for execution of the work. The department will not entertain any claim on account of GST or other taxes. In case department is forced to pay any of such taxes the department shall have the right to recover the same from of the bills of contractor or otherwise as deemed fit.
25. Contractor shall submit to the department the GST compliant tax invoice alongwith running /final account bills.

TDS under GST (as and when applicable) shall be deducted at prevailing rates on applicable value from the running bills

**Signature of Executive Engineer
For and on behalf of President of India**

NIT Approved for **Rs.2,67,964/- (Rupees Two Lakh Sixty Seven Thousand Nine Hundred and Sixty Four) only**

ASW(C)

Executive Engineer (C)
CCW: AIR: Jammu

**PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
OFFICE OF THE EXECUTIVE ENGINEER(C)
ALL INDIA RADIO: CIVIL CONSTRUCTION WING
Jammu**

STATE: JAMMU&KASHMIR (UT) CIRCLE: CIRCLE-II, NEW DELHI
BRANCH: CCW, AIR DIVISION: JAMMU
ZONE: NEW DELHI SUB-DIV.: JAMMU

Item Rate Tender & Contract for Works

- (A) Tender for the work of: **Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.**
(i) To be submitted/uploaded online **06:00 PM on 20-05-2024** to Executive Engineer (Civil), CCW, AIR, Jammu on the website
<https://prasarbharati.eproc.in/ProductPB/publicDash>
(ii) To be opened in presence of bidders who may be present at **10:30 AM. on 21-05-2024** in the office of Executive Engineer (C), CCW, AIR, Jammu.

TENDER

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **Forty Five (45) days** from the date of its opening of tender and not to make any modification in its terms and conditions.

A sum of **Rs.5,359/-** is hereby forwarded in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/ bank guarantee issued by a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in **Clause 12.2 and 12.3** of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:

Signature of Contractor

Postal Address.....

Tel No.....

Fax.....

E-mail:.....

Witness:

Address:

Occupation:

ACCEPTANCE

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

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

- (a)
- (b)
- (c)

Signature

Designation: Executive Engineer(C)

CCW: AIR, Jammu

For & on behalf of President of India

Dated:

PROFORMA OF SCHEDULES

SCHEDULE 'A' TO 'F' for (CIVIL WORK)

SCHEDULE 'A'

Schedule of quantities : Enclosed on page from 32 -40

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

SL. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
NIL				
(Material required for the work shall be arranged by the contractor)				

SCHEDULE 'C'

Tools and plants to be hired by the contractor:

S.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
NIL			
(All the T&P required for the work shall be arranged by the contractor)			

SCHEDULE 'D'

Extra schedule for specific requirements/documents for the work, if any : General conditions, Special conditions etc. attached.

SCHEDULE 'E'

Reference to general condition of contract : GCC for CPWD works 2014 Amended upto DG/Con/307 dated 19.11.2019 & manual amended DG/MAN/389 dated 11.10.2019.

Name of Work : Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.

Estimated cost of work	:	Rs.2,67,964/-
i) Earnest money	:	Rs.5,359/- (to be returned after receiving Performance Guarantee)
ii) Performance guarantee	:	5% of tendered amount /Accepted value of work
iii) Security deposit	:	2.5% of Running as well as final bill/value of work .

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

Officer inviting tender	:	Executive Engineer(Civil), CCW, AIR, Jammu
--------------------------------	---	---

DEFINITIONS

2(v) Engineer-in-Charge	:	Executive Engineer (Civil), CCW, AIR, Jammu
2(viii) Accepting authority	:	Executive Engineer (C), CCW, AIR, Jammu.
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2(xi) Standard schedule of Rates	:	CPWD Delhi Schedule of Rates 2023 with up to date correction-slip as on last date of submission/up loading of bid.
2(xii) Department	:	Civil Construction Wing, All India Radio
2(Xiii) Standard CPWD contract form	:	<i>GCC for CPWD works 2014 Amended upto DG/Con/307 dated 19.11.2019 & manual amended DG/MAN/389 dated 11.10.2019.</i>

Clause 1

i)	Time allowed for submission of performance guarantee, the date of issue of letter of Acceptance, in days:	:	05 Days
ii)	Maximum allowable extension with late fee @ 0.10% per day of Performance Guarantee amount beyond the period provided in (i) above in days :	:	7 days (on written request of contractor stating the reason for delays in procuring the PG to the satisfaction of Engineer in-Charge)

Clause 2

Authority for fixing compensation : **Superintending Engineer (Civil)**
under Clause 2 **Circle –II, CCW, AIR, New Delhi.**

Clause 2A

Whether Clause 2A shall be : **No**
applicable

Clause 5

Number of days from the date of issue
of letter of acceptance for reckoning
date of start. : **07 Days**

Mile stone(s) as per table given below:

S. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with held in case of non –achievement of mile stone
		N/A	N/A

Time allowed for execution of work : One Month

Authority to decide:

- (i) Extension of time for : **Executive Engineer (Civil),**
(ii) completion of work **CCW, AIR, Jammu**
Rescheduling of mile stones
(iii) Shifting of date of start in case
of delay in handing over of site

Clause 6, 6A

Clause applicable (6 or 6A) : Clause 6 Applicable

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	:	FIRST & FINAL BILL
--	---	-------------------------------

Clause 10C

Applicable

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

Clause 10CC

:Not applicable

Clause 11**Specifications to be followed for Execution of work :-**

- (i) C.P.W.D. Specification 2009, Vol. I to II & with additions and Correction slips as on the date of online submission of tender.
- (ii) Items those, not covered in CPWD specifications, for such items, relevant BIS codes are to be followed.
- (iii) Items those not covered under CPWD specification & even in BIS codes, and then manufacturer specifications are to be followed in consultation with Engineer-in-charge.

Clause 12	Type of work	:	Maintenance Work
12.2 & 12.3	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2 & 12.3. Deviation limit beyond which clauses 12.2 & 12.3 shall apply for super structure	:	SEE BELOW
12.5	i) Deviation limit beyond which Clause 12.2 & 12.3 shall apply for foundation work (except earth work) ii) Deviation limit for items mentioned in earth work subhead of DSR or related items	:	NO LIMIT (All deviation quantities shall be Paid on agreement rates)
		:	NO LIMIT (All deviation quantities shall be Paid on agreement rates)

Clause 16

Competent Authority for deciding reduced rates. : **Upto 5% of contract value by SE and beyond 5% by Chief Engineer**

Clause 36 (i)**Requirement of Technical Representative(s) and recovery Rate:**

Minimum qualification of Technical representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience (years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
					Figure	Words
		-----N/A-----				

Clause 37:- Deduction of cess on account of “Building & other construction’s worker welfare cess –act-1996” shall be made @1% of the gross payable amount of the Agreement.

Clause 42

i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen

On the basis of Delhi Schedule of Rates 2023 with upto date correction slip upto the date of online submission of bid.

ii) Variations permissible on theoretical quantities.

a) Cement

For works with estimated cost put to tender not more than Rs. 5 lakhs

: 3% plus/minus

For works with estimated cost put to tender more than Rs. 5 lakhs.

: 2% plus/minus

b) Bitumen All Works

: 2.5% plus only & Nil on minus side.

c) Steel Reinforcement and structural steel sections for each diameter, section and category.

: 2% plus/minus

d) All other materials

: Nil

Recovery Rates for Quantities beyond permissible variation

S.No.	Description of Item	Rate in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation
1.	Cement (OPC/PPC)	N.A.	No variation beyond permissible limit is allowed and the work shall be rejected.
2.	Steel reinforcement bars (TMT) Fe 500D a) Primary producer	N.A.	
3	Structural Steel	N.A.	

D/M(C)-I

ASW(C)

Executive Engineer (C)

Form of Performance Security (Guarantee)
Bank Guarantee Bond

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between

.....and.....
(hereinafter called "the said Contractor(s)") for the work.....

.....(hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.(Rupees.....only) as a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees..... Only) on demand by the Government.

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

3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

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

5. We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid up tounless extended on demand by the Government.

Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated theday offor.....

(indicate the name of the Bank)

MATERIALS ARRANGED BY THE CONTRACTOR

In all contracts where department issue of cement and steel not stipulated, special conditions shall be incorporated as below:

1.1 Special conditions for cement

- (1) The contractor shall procure 43 grade ordinary Portland cement confirming to IS8112/ Portland Pozzolana Cement confirming to IS:1489 (Part-I) as required in the work, from reputed manufacturers of cement such as ACC, Ultra Tech, Vikram, Shri Cement, Ambuja, Jaypee Cement, Century Cement, & J. K. Cement or from other reputed cement Manufacturer having a production capacity not less than one million tonnes per annum as approved by ADG for that sub region.

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 tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.

The supply of cement shall be taken in 50kg. 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 Engineer-in-charge to do so.

- (2) The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-charge.

The cement godown of the capacity to store a minimum of 720 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.

- (3) Double lock provision shall be made to the door of the cement godown. 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 cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-charge at any time.

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

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

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

- (5) The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. 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 need to made.

- (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 Engineer-in-charge.

- (7) The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.

Chief Engineers may change the brand of cement depending upon availability in local market, if needed. Instructions in this respect can be issued by them at regular intervals. The name of manufacturers should be finalized after taking into consideration the suggestions of contractors during pre bid meeting, if any.

Similar conditions for cement of other types like slag cement etc. may be incorporated wherever required by the NIT approving authority by providing relevant BIS Code's, suitable brands of cement and technical circulars issued by the department.

1.2 Special conditions for steel

- (1) The contractor shall procure TMT bars of Fe415/Fe415D/Fe500/Fe500D/Fe550/Fe550D grade (the grade to be procured is to be specified) from primary producers such as SAIL, Tata Steel Ltd., RINL, Jindal Steel & Power Ltd. And JSW Steel Ltd. or any other producers as approved by CPWD who are using iron ore as basic raw material/input and having crude steel capacity of 2.0 Million tonnes per annum and above.

In case of non availability of steel from primary producers the NIT approving authority may permit use of TMT reinforcement bars procured from steel producers having Integrated Steel Plants (ISPs) using iron ore as the basic raw material for production of crude steel which is further rolled into finished shapes in-house having crude steel capacity of 0.5 Million tonne per annum and more. A separate list of producers for this category shall be approved by the ADG concerned for their sub region under intimation to the Directorate, CPWD/CE, CSQ.

In case of non-availability of from Primary Producers as well as ISPs then the NIT approving authority may also permit use of TMT reinforcement bars procured from secondary producers. In such cases following conditions are to be stipulated in the NIT by NIT approving authority.

- (a) The grade of the steel such as Fe415/Fe415D/Fe500/Fe500D/Fe550/Fe550D or other grade to be procured is to be specified as per BIS 1786-2008.
 - (b) The secondary producers must have valid BIS license to produce HSD bars conforming to IS 1786:2008. In addition to BIS licence, the secondary producer must have valid licence from either of the firms Tempcore, Thermex, Evcon Turbo & Turbo Quench to produce TMT Bars.
 - (c) The TMT bars procured from primary producers and ISPs shall conform to manufacture's specification.
 - (d) TMT bars procured either from secondary producers shall conform to the specifications as laid by Tempcore, Thermex, Evcon Turbo & Turbo Quench as the case may be.
 - (e) TMT bars procured either from primary producers or secondary producers, the specifications shall meet the provision of IS 1786: 2008 pertaining to Fe415/Fe415D/Fe500/Fe500D/Fe550/Fe550D or other grade of steel to be specified)
- (2) The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
- (3) Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specification as defined under para (1)(d) & (1)(e) above, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-charge to do so.
- (4) The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more, or as decided by the Engineer-in-charge.

(5) The steel reinforcement bars shall be stored by the contractor at sit of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

(6) For checking nominal mass, tensile strength, bend test, re-bend test etc. specimens of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below :

Size of bar	For consignment below 100 tonnes	For consignment above 100 tonnes
Under 10 mm dia bars	One sample for each 25 tonnes	One sample for each 40 tonnes or part there of
10mm to 16mm dia bars	One sample for each 35 tonnes or part there of	One sample for each 45 tonnes or part there of
Over 16 mm dia bars	One sample for each 45 tonnes or part there of	One sample for each 50 tonnes or part there of

(7) The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.

(8) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in the clause 42 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.

(9) The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.

1.2 Removal of rejected /sub-standard materials

The following procedure shall be followed for the removal of rejected/sub-standard materials from the site of work:

- (i) Whenever any material brought by the contractor to the site of work is rejected, entry thereof should invariably be made in the Site Order Book under the signature of the Assistant Engineer(C), giving the approximate quantity of such materials.
- (ii) As soon as the material is removed, a certificate to that effect shall be recorded by the Assistant Engineer(C) against the original entry, giving the date of removal and mode of removal, i.e. whether by truck, carts, or by manual labour. If the removal is by truck, the registration number of the truck should be recorded.
- (iii) When it is not possible for the Assistant Engineer(C) to be present at the site of work at the time of actual removal of the rejected/sub-standard materials from the site, the required certificate should be recorded by the Junior Engineer, and the Executive Engineer(C) should countersign the certificate recorded by the Junior Engineer.

ADDITIONAL CONDITIONS

1. Contractors shall co-ordinate and co-operate with the other agencies e.g. Electrical & authorized representative of local bodies for construction of their respective items of work being executed simultaneously in same building.
2. The contractor shall give to the Municipality, Police and other local authorities all notices etc. that may be required by law and obtain all requisite licence, permission for temporary construction that may be required for execution of work obstruction in public places & pay all fines, taxes and charges which may be liable on account of their operation, in executing the contract. They shall make good any damage to adjoining property whether public or private and shall supply and maintain any (either for illumination or for cautioning the public) required at night.
3. The contractors shall make his own arrangement for temporary electric Connection at works, if required and make necessary payment for it directly to the department concerned. The wiring done by the contractor shall conform to the electrical regulation of statutory bodies and will be consistent with the safety requirements of the side. The Engineer-in-charge's decision regarding the safety aspect shall be final and binding on the contractor.
4. The contractor shall provide adequate lighting arrangement as approved by the Engineer-in-charge for carrying out the works during night times when required and provide all other facilities for the labour employed to carry out the works without any extra charge. Necessary lighting as directed by the Engineer-in-charge shall also be provided by the contractor without any extra charges for yard lighting as well as to cover the entire site including those required for safety and security reasons.
5. The day to day receipts and issue of cement shall be governed as per the 'direction of Engineer-in-charge.
6. The rate for different items of work shall apply for all heights and depths unless otherwise specified and no such claim on this account shall be entertained. The rate of all items of works shall unless clearly specified otherwise include cost of all labours, material & other inputs involved in the execution of the items.
7. The contractor's rate shall among other things include the cost of working in multiple shifts round the clock. if necessary including. gazette holiday and the cost of mobilization. of all type of resources" T & P, lighting etc.
8. The contractor shall leave such recesses, holes, openings etc as may be required for electrical and sanitary works. No extra payment shall be made to him on this account.
9. The contractors shall make adequate fire fighting arrangement and shall be fully responsible for any fire consequences at the work site.
10. Materials shall conform to CPWD specifications. No extra payment will be admissible to the agency for transportation for CPWD specified materials from and to outside JAMMU. The agency's rates will be deemed to be included in the quoted rates.

11. Where the contractor is required to provided materials of certain sizes or weights which may have become out of market due to change over to metric standards, substitute conforming to the nearest higher equivalents as approved by the Engineer-in-charge shall be used. No claim to extra payment shall be entertained on this account.
12. All materials, articles and workmanship shall be the BEST of their respective kind for the class of work described in the contract, specification and schedule of quantities. All materials shall be subject to the approval of the Engineer-in-charge. The word "BEST" used in those specifications shall mean that in the opinion of the Engineer-in-charge there is no superior quality of material or finish of articles in the market available for the nature of the item described I the contract schedule. The Engineer-in-charge or his authorized representative shall have the absolute power to make the contractor purchases and use such materials of particular source as may, in his opinion be necessary for proper compliance with the specification and execution of work.
13. The water shall be tested by the contractor with regard to the suitability for use in RCC and other items of work and nothing extra shall be paid thereon.
14. Wherever the word CPWD refers in the printed book of "general conditions of contract for Central P.W.D. works it may be read as "CCW, AIR".
15. Steel shuttering shall be used in all the CC &RCC work.
16. English version of the contract including corrections any shall deemed to be accepted for all contractual obligations.
17. Cement and steel required to complete the work shall be arranged by the contractor. The contractor is required to produce the proof of purchase of cement and steel as and when desired by the Engineer-in-charge.
18. Due recoveries as per the norms & GST (as decided by the government) shall be recovered from the bill & the quoted rates by the agency shall be inclusive of GST.
19. The agency may ensure/ see the water table condition at site. The agency shall make his own arrangement for pumping out sub-soil water/rain water during execution of work and nothing extra shall be payable on account of pumping out of sub-soil water, water and on account of working under water or liquid mud and under foul position.

LIST OF APPROVED MAKE OF MATERIALS
(FOR CIVIL WORKS)

Specification/brands names of materials (refer materials, whichever are applicable for the scope of work) and finishes approved by the Architect/engineer-in-Charge are listed below. However approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to approval of the alternate brand by the Architect/Engineer-in-Charge.

MATERIALS	APPROVED MAKE
Cement - OPC/PPC	ACC, Ultratech, Shree Cement, Birla, Ambuja, Century
White Cement	JK & BIRLA
Steel Reinforcement	SAIL, TISCO, Rashtriya Ispat Nigam Limited(RINL)
Ready Mix Concrete	Ultratech, Rmc India, Techno, ACC
SS Cramp & Dash Fastner	Hilty, Fisher, Concept or equivalent as approved by Engineer-in-Charge
CC Paver Block M-30 or any other Grade	M/s Dalal Tiles Industries, JCC tiles precast Ltd., NTC.
Flush Doors	Century Ply Board/National Plywood/Duro Door
Stainless Steel	Kich/Fitwell/Arch
Screws	Kich, Fitwell
Glass Panes	Modi Float/ /Saint Gobain/Haryana Sheet Glass
Synthetic enamel paint	Luxol hi gloss brand of Berger paints, apcolite brand of Asian Paints, Nerolac Brand of good lass Nerolac paints.
Plastic emulsion paint	Luxol SILK brand, RANGOLI BRAND of berger paints, Royal Brand of Asian Paints, Nerolac Brand of goodlass Nerolac paints.
Oil bound distemper	Bison brand of Berger paints, Tractor brand of Asian Paints, solder brand of goodlass Nerolac paints.
Fire Resistant Shutter	NAVAIR, GODREJ, ADHUNIK
Exterior Paint	Snowcem India Ltd., Asian, Johnson & Nicolson
Cement Primer	Klick Nixon, Farco Brand of ICI
Viterous China Wares	Hind Ware/Jaquar/Duravit
Stainless Steel Sink	Neel Kanth/Jayana/Nirali
C.P. Brass Fittings (ISI/ BSI Marked)	Jaquar (ESSCO series)/Marc/Hindware
SCI / CI Pipes, Fittings	SRF/NECO,/SKF
GI Pipes	Jindal/Prakash/Tata
PVC Tanks	Sintex/Shital/Rotax
GI Fittings	Unik/KM
Brass Stop / Bib Cock	LINK/LEADER/PRIMA
Ball Valve & Plates	LINK/LEADER/PRIMA
Gun Metal Valve	Sant/Leader/ZOLOTO
SW Pipes	Anand/Perfect

Vitrified/Ceramic Tiles(Double Charged)	Orient, NITCO, Kajaria, Somany
Aluminium Section	Hindalco/Jindal/Indalco (Powder Coating as per approval of Engineer-in-Charge)
PVC Low Level Cistern	Hindware or equivalent
CI Manhole Cover & Frame	RIF, Kajero, Neco
Water Proofing Compound	Cico, Fosroc, Pidilite
Bevelled Edge Mirror	Modi Guard, Atul
Stainless Steel Railing	Fitwell, Arch, Kich
Exterior Wall Putty	Birla Wall Putty/JK Wall Putty
PPR Pipes & Fittings	Prince, Fusion, Amitex, Victors
RCC Pipe	JAIN, SPUN, PARTIBHA, LAXMI
SW Pipe & Gully Trap	HIND, PERFECT, BURN
Hardware Fittings	Dorma, Dorset, Godrej
Laminate	Greenlam, Royal Touch, Formica
Structural Steel	SAIL, TISCO
Calcium Silicate False Ceiling	Aerolite, Armstrong, Llyod
Tile Adhesive	Laticrete, Bayer, Bal Endura

1. All other items shall be of ISI/BIS Mark as per approved sample kept at site of work.
2. 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 selected by the Engineer-in-Charge shall be final and binding.

D/M(C)-I

ASW(C)

Executive Engineer (C)

TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR

Without prejudice to any of the rights or remedies under this contract, if the contractor dies during the progress of work, the Engineer – in -charge on behalf of the President of India, shall have the option of terminating the contract without compensation to the contractor on his legal heir(s).

Further, any sum recoverable from the contractor shall be recovered from any amount of the contractor available under this contract or any other contract and only the balance amount after such recovery shall be payable to the legal heir(s) of the contractor upon his death.

D/M(C)-I

ASW(C)

Executive Engineer (C)

SCHEDULE OF QUANTITY

Name of work:-Repairs & renovations of existing toilet for CRPF at Akashvani, Panjtirthi, Jammu.

SLNo	Description	Qty	Unit	Rate	Amount
1	EARTH WORK				
1.1	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m:				
1.1.1	All kinds of soil				
1.1.1.1	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	10	Mtr.		
2	MASONRY WORK				
2.1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
2.1.1	Cement mortar 1:4(1 cement :4 coarse sand)	1	sqm		
3	CLADDING WORK				
3.1	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3(1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	20	sqm		

4	WOOD AND P. V. C. WORK				
4.1	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
4.1.1	250x16 mm	4	each		
4.2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
4.2.1	200x10 mm	16	each		
4.3	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
4.3.1	100 mm	12	each		
4.4	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
4.4.1	Twin rubber stopper	4	each		
5	FLOORING				
5.1	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pointing the joints with white cement and matching pigment etc., complete.	5	sqm		

6	ROOFING				
6.1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
6.1.1	110 mm diameter	25	metre		
6.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
6.2.1	Single tee with door				
6.2.1.1	110x110x110 mm	4	each		
6.2.2	Bend 87.5°				
6.2.2.1	110 mm bend	4	each		
6.3	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
6.3.1	110 mm	10	each		
7	FINISHING				
7.1	12 mm cement plaster of mix:				
7.1.1	1:6(1 cement: 6 fine sand)	30	sqm		
7.2	Finishing walls with Acrylic Smooth exterior paint of required shade:				
7.2.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	30	sqm		
8	REPAIRS TO BUILDING				
8.1	Dismantling W.C. Pan of all sizes including disposal of dismantled materials including malba all complete as per directions of Engineer-in-Charge.	1	each		

9	Dismantling and Demolishing				
9.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
9.1.1	Of area 3 sq. metres and below	8	each		
9.2	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :				
9.2.1	100 mm dia pipe	15	Mtr.		
9.3	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	each		
9.4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	91	sqm		
10	SANITARY INSTALLATIONS				
10.1	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:				
10.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1	each		
10.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
10.2.1	W.C. pan with ISI marked white solid plastic seat and lid	1	each		

10.3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern,				
10.3.1	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	1	each		
10.4	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1	each		
10.5	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
10.5.1	Flexible pipe				
10.5.1.	32 mm dia	1	each		
10.6	Providing and fixing 100 mm sand cast Iron grating for gully trap.	4	each		
10.7	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1	each		
10.8	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :				
10.8.1	100 mm inlet and 100 mm outlet				
10.8.1.	Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	2	each		
10.9	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
10.9.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	1	each		

11	WATER SUPPLY				
11.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall				
11.1.1	25 mm dia nominal bore	20	Mtr.		
11.2	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :				
11.2.1	15 mm dia nominal bore	15	Mtr.		
11.4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
11.4.1	25 mm nominal bore	2	each		
11.5	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
11.5.1	15 mm nominal bore	1	each		
11.6	Providing and fixing uplasticised PVC connection pipe with brass unions :				
11.6.1	45 cm length				
11.6.1.	15 mm nominal bore	5	each		
11.7	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
11.7.1	25 mm nominal bore	4	each		
11.8	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.	500	per litre		
11.9	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
11.9.1	15 mm nominal bore	2	each		
11.1	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
11.10.1	15 mm nominal bore	2	each		

11.11	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
11.11.1	15 mm nominal bore	3	each		
12	DRAINAGE				
12.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x 300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
12.1.1	100x100 mm size P type				
12.1.1.	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2	each		
12.2	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
12.2.1	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) :				
12.2.1.	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1	each		

13	ALUMINIUM WORK				
13.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
13.1.1	For fixed portion				
13.1.1.	Powder coated aluminium (minimum thickness of powder coating 50 micron)	52	kg		
13.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
13.1.2.	Powder coated aluminium (minimum thickness of powder coating 50 micron)	40	kg		
13.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
13.2.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	2	sqm		

13.3	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	5	kg		
14	MARKET RATE				
14.1	Providing & fixing 300mm exhaust fan of reputed brand having strong air suction rust proof body suitable for bathrooms and making electrical connection by providing required length of wire all complete as per	2	Each		
14.2	Providing and fixing 4 mm thick aluminium composite panel(ACP), in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of	8	Sqm		
	Total				

D/M(C)-I

ASW(C)

Executive Engineer (C)