CCW AIR PB(IPSB)

PRASAR BHARATI
INDIA'S PUBLIC SERVICE BROADCASTER
OFFICE OF THE EXECUTIVE ENGINEER (CIVIL)
CIVIL CONSTRUCTION WING: AKASHVANI
DOORDARSHAN CAMPUS, SHYAMLA HILLS, BHOPAL

APPROVED NIT

NIT No. 22/EE(C)/CCW/AIR/BPL/2026-27

NAME OF WORK : Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

ESTIMATED COST	**:-**	**Rs. 7,44,022/-**
EARNEST MONEY	**:-**	**Rs. 14,880/-**
PERFROMANCE GUARANTEE	**:-**	**5% of tender value**
SECURITY DEPOSIT	**:-**	**5% of tender tender value**
TIME ALLOWED	**:-**	**01 (One) Month**
DATE OF SUBMISSION OF EMD	**:-**	**20.11.2026 upto 01.00 PM**
DATE OF SUBMISSION OF BID	**:-**	**20.11.2026 upto 02.00 PM**
DATE OF OPENING	**:-**	**20.11.2026 at 03.00 PM**

N.I.T. No. 22/EEC/CCW/AIR/BPL/2026-27 amounting to Rs. 7,44,022/- (rupees seven lacs forty four thousand twenty two only) is approved. This NIT Contains page no. 01 to 88 all serially numbered.

EXECUTIVE ENGINEER (CIVIL)
CCW, AIR, BHOPAL

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This N.I.T. No. 22/EEC/CCW/AIR/BPL/2026-27 is approved for Rs. 7,44,022/- (rupees seven lacs forty four thousand twenty two only)

EXECUTIVE ENGINEER (C)

Prasar Bharati,
Office of the Executive Engineer (Civil), CCW, Akashvani, Bhopal (MP)
TENDER NOTICE FOR e-TENDER

The Executive Engineer (Civil), Civil Construction wing, Akashvani PB (I.P.S.B.), Doordarshan Campus, Near Jehan Numa Palace Hotel, Shyamla Hills, Bhopal, on behalf of **President of India** invites **online percentage rate tender** from approved and eligible contractors of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (B & R) of **Madhya Pradesh State and Chhattisgarh State** for the following work

NIT NO.	:	**22/EEC/CCW/AIR/BPL/2026-27**
Name of Work	:	**Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).**
Sub Head	:	**Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)**
Estimated Cost	:	**Rs. 7,44,022.00**
Earnest Money	:	**Rs. 14,880.00**
Time of Completion	:	**01 (One) Month**
Last date of Submission of EMD	:	**Up to 01:00 PM on 20.11.2026**
Last time & date of submission of Bid	:	**Up to 02:00 PM on 20.11.2026**
Date and time of opening of Technical Bid.	:	**At 03:00 PM on 20.11.2026**

The bid forms and other details can be obtained from the website https://prasarbharati.eproc.in/ and https://eprocure.gov.in/cppp/

EXECUTIVE ENGINEER (C)

Note:- Applicants are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updated thereof, if any. An incomplete application may be liable for rejection.

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

The Executive Engineer (Civil), Civil Construction wing, Akashvani PB (I.P.S.B.), *Doordarshan Campus, Near Jehan Numa Palace Hotel, Shyamla Hills, Bhopal*, on behalf of **President of India** invites **online percentage rate tenders** *from* ***approved and eligible contractors*** *of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (B & R) of* **Madhya Pradesh State and *Chhattisgarh State*** *for the following work*

NIT NUMBER	**22/EEC/CCW/AIR/BPL/2026-27**
NAME OF WORK	**Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).** **Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)**
ESTIMATED COST PUT TO TENDER	**Rs. 7,44,022.00**
EARNEST MONEY DEPOSIT	**Rs. 14,880.00**
PERIOD OF COMPLETION	**01 (One) Month**
Last date of Submission of EMD	Up to 01:00 PM on **20.11.2026**
Last date & Time of Submission of Bid, Original EMD, copy of receipt for deposition of original EMD and other documents as specified in tender notice	Up to 02:00 PM on **20.11.2026**
Time and date of opening of Technical bid	At 03:00 PM on **20.11.2026**
Time and date of opening of financial bid	After scrutiny of Technical Bid

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website **https://prasarbharati.eproc.in**.

4. But the bid can only be submitted after depositing Processing Fee plus 18% GST (Non-refundable) in favour of C1 India Pvt. Limited and Deposition of original EMD in the Office of Executive Engineer (C) CCW Akashvani Bhopal inviting bids within the period of bid submission. **(The EMD document shall be Payable in favour of E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal)** and uploading the mandatory scanned documents such as Demand Draft or Pay order or Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipt and Bank Guarantee of any Scheduled Bank towards EMD in favour of **E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal** as mentioned in NIT, receipt for deposition of original EMD to division office either O/o Executive Engineer(C), CCW:Akashvani Bhopal or any other Division office of **CCW, Akashvani,** within the period of bid submission and

other documents as specified. The FDR shall be accepted only if it is valid for a period of Six months or more after date of opening of the tender.

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. If a tenderer quotes Nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer

11. Certificate of Registration for Employment Provident Fund Organization

12. SC/ST contractors enlisted under Class V category are exempted from processing fee payable to ITI.

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 **E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal**) shall be scanned and uploaded to the e-tendering website within the period of tender submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or any other Division office of **CCW, Akashvani,** within the period of bid submission. (**The EMD document shall be Payable in favour of E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal**). The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

The receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakhs, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled Bank which is to be scanned and uploaded by the intending bidders.

Bidders of appropriate & eligible class are eligible to submit tender provided they have definite proof from the appropriate authority not below Executive Engineer or equivalent, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:

1) Three similar works each of value not less than **Rs. 2.98** lakhs or
Two similar works each of value not less than **Rs. 4.46** lakhs or
One similar work of value not less than **Rs. 5.95** lakhs, during last 7 years ending last day of the month previous to the one in which the bids / tenders are invited.

Similar works means "Tower Painting works of 100 meter high or above" (Scanned copy of work experience is to be uploaded). ***The similar work should have been executed with Central / State Government Department/ City Development Authority / Municipal Corporation of City formed under any Act by Central / State Government and published in Central / State Gazette***

13. In case of e-tendering, Integrity Pact (IP) shall be treated in the same manner as other components of the bid document. In e-tendering bidder does not sign any documents physically and entire bid document is submitted through digital signature. Since IP is a part of bid document no separate physical submission is required with other documents to be submitted in the office of tender opening authority. In addition to other component of bid document, the integrity pact shall also be signed between Executive Engineer & successful bidder after acceptance of bid.

14. The Bidder should possess Certificate of Registration for GST. It is mandatory to upload scanned copies of all the documents including GST registration if these documents are not uploaded, then bid will become invalid and shall summarily be rejected.

15. The Bidder(s) shall quote all-inclusive rates including all taxes, GST etc. against the items in the schedule of quantities and nothing extra shall be payable.

16. The Bidder should examine the various provisions of CGST Act 2017, IGST Act 2017 / UGST Act 2017, SGST Tax 2017 of the respective state and up to date amendments issued from time to time and other applicable taxes before bidding / tendering. The bidder shall also confirm to the rules made under these Acts.

17. The Bidder shall ensure that benefit of Input tax Credit (ITC) likely to be availed by them is duly considered by them while quoting rates.

18. The Bidder shall submit the Invoice of the work executed as per Rule 46 of the CGST rules. The taxes will be calculated as per Rule 35 of CGST Rules 2017.

19. TDS on Income tax, labour cess and other statutory deductions shall be made a source as per prevalent laws. TDS on GST as and when become applicable will also be deducted as per relevant GST Act / Rules / Notifications.

20. Applicable GST Rate shall be @ 18 % on works contract

21. The bidder shall abide by the instructions / guidelines issued by Government of India, MP State Government, Local authorities, District administration, Doordarshan / Akashvani and Engineer –in –charge**.**

22. **All the registers of tests shall be maintained by the contractor. The register shall be in prescribed Performa approved by the Engineer-in charge.**

23. **All the Maintenance of material at site (MAS) register including cement, steel and paints register shall be maintained by the contractor. The register shall be in prescribed Performa approved by the Engineer-in charge.**

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

1. Earnest Money Deposit.
2. Certificate of Registration for GST & Acknowledgement of filed returns i.e. up to **September 2026**.
3. Enlistment order/valid registration of the contractor.
4. Affidavit of non judicial stamp paper of Rs. 100/- duly notarized as per clause 8 of form CPWD-6
5. Certificate of registration for GST.
6. Copy of PAN card
7. Receipt of EMD issued by office.
8. Partnership deed (if any) and power of attorney (if any)
9. Copy of EPF & ESI Registration
10. Certificate of work experience (Issued by an authority not below the rank of Executive Engineer)
11. Affidavit as per clause 1.2.3 (b) of form CPWD -6 of non judicial stamp paper of Rs. 100/-

(It is mandatory to upload scanned copies of all the documents including GST registration if these documents are not uploaded, then bid will become invalid and shall summarily be rejected).

Only successful /lowest bidder shall be required to produce original documents for verification on demand by Executive Engineer(C), CCW, AKASHVANI, Bhopal.

The bidder shall be required to produce original documents for verification on demand by Executive Engineer (C) CCW, Akashvani, Bhopal. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

Executive Engineer (C)

CPWD-6 for e-Tendering

The Executive Engineer (Civil), Civil Construction wing, Akashvani, PB (I.P.S.B.), *Doordarshan Campus, Near Jehan Numa Palace Hotel, Shyamla Hills, Bhopal*, on behalf **of President of India** invites **online Percentage rate tender** *from* ***approved and eligible contractors*** *of CPWD and those of appropriate list of Railways, MES, BSNL, Department of Post and State PWD (B & R) of* **Madhya Pradesh State and *Chhattisgarh State*** *for the following work*

Name of Work : Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head : Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

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

1.1 The work is estimated to cost **Rs. 7,44,022.00** This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost, if any and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to tender, should clearly indicates the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

1.2 Intending appropriately Registered bidders are 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 tender documents

1.2.1 **Bidders of appropriate & eligible class are** eligible to submit tender provided they have definite proof from the appropriate authority not below Executive Engineer or equivalent, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:

1) Three similar works each of value not less than **Rs. 2.98** lakhs or
Two similar works each of value not less than **Rs. 4.46** lakhs or
One similar work of value not less than **Rs. 5.95** lakhs, during last 7 years ending last day of the month previous to the one in which the bids / tenders are invited.

Similar works means "Tower Painting works of 100 meter high or above" (Scanned copy of work experience is to be uploaded). ***The similar work should have been executed with Central / State Government Department/ City Development Authority / Municipal Corporation of City formed under any Act by Central / State Government and published in Central / State Gazette.***

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.

The Class-II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified for non-CPWD contractors. (Scanned copy of work experience is to be uploaded).

1.2.3 The following affidavit in this regard shall also be uploaded by the intending bidders executed on non judicial stamp paper of RS. 100.00 duly notarized and further uploaded by the intending bidders:

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 tendering in CCW, Akashvani 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 suspend the agency for 1 year and agency shall not be eligible to bid for CCW, Akashvani Tender from date of issue of suspension order.**

1.2.4 When bids are invited from non CPWD contractors and CPWD class-II contractors, it will be mandatory for non-CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.3.
But for such bids, Class-I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. **Therefore, CPWD class-I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.**

2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **0 1 (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 tender documents.

4. The site for the work is available.

5. The bid document consisting of plans, specifications, the schedule of quantities of

various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site **https://prasarbharati.eproc.in f**ree of cost. The standard publications like General Conditions of Contract, **Delhi schedule of rates 2023 (for civil),** Specifications for Civil works and Delhi analysis of rates 2019 (for civil) with amendments/ correction slips up to the last date of submission of tender can be seen free of cost from website **prasarbharati.eproc.in**.

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 tender 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 tender as notified.

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

9. Interested contractor who wish to participate in the bid has also to make following payments within the period of bid submission.

(i) e-Tender Processing Fee – (As per C1 India Pvt. Ltd Rules) shall be payable to C1 India Pvt. Limited through their e-gateway by credit / debit card, internet banking or RTGS/NEFT facility.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the e-tender 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 e-tender notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.**

Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited e-Tender Processing Fee with C1 India Pvt. Limited and **whose Original "Earnest Money Deposit"** and other documents scanned and uploaded are found in order.

The Technical bid submitted shall be opened at 03:00 PM on dt. 20.11.2026

(ii) 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 deposit original EMD with division office of Executive Engineer (C), CCW : Akashvani Bhopal (**The EMD document shall be Payable in favour of E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal**).
(iii) The bidder does not upload all the documents (including service tax registration / VAT registration / Sales Tax registration) as stipulated in the bid document **including the scan copy of receipt for deposition of original EMD as prescribed.**
(iv) If any discrepancy is noticed between the document as uploaded at the time submission of bid and hard copies as submitted physically by the lowest tendered in the office of tender opening authority.

(v) If a tenderer quotes Nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer

10. **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 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 Engineer-in-charge shall be free to suspend the agency for 1 year and agency shall not be eligible to bid for CCW, Akashvani Tender from date of issue of suspension order.**

11. The Contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registration or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F. (As per O.M. No. DG/SE/CM/CON/285 dated 04/06/2015).

12. Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders 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 tender. A tenderer 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 tenderer 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 tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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

14. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

15. The competent authority on behalf of President of India reserves to himself the

right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to tender for works in the CCW AIR Circle (Division in case of contractors of Horticulture/ Nursery category) responsible for award and execution of contracts, in which his near relative is posted a 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 gazette 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 list of contractors of this Department.

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

18. The tender for the works shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work. **The Engineer-in-charge shall be free to suspended the agency for 1 year and agency shall not be eligible to bid for CCW, Akashvani Tender from date of issue of suspension order**

19. This notice inviting Tender shall form a part of the contract document. The successful tenderer /contractor, on acceptance of his tender 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 Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as mentioned.

EMD FORMAT

Receipt OF DEPOSITION OF ORIGINAL EMD. Receipt No.-_____Date_____

Name of Work : Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head : Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

1) NIT NO. **22/EE(C)/CCW/AIR/BPL/2026-27**
2) Estimated Cost : **Rs. 7,44,022.00**
3) Amount of Earnest money deposited: **Rs. 14,880.00**
   In favour of **E.E.(C), PRASAR BHARATI, CCW, AIR, Bhopal**
4) Last date of submission of EMD : **20.11.2026 upto 01:00 PM**
5) Last date of submission of bid: **20.11.2026 upto 02:00 PM**
6) Name of Contractor :
7) Mobile No. :
8) Email address :
9) Form of EMD :
10) Amount of Earnest money received :
11) Date of submission of EMD :

Signature name and designation of EMD
Receiving officer Along with office stamp

Note:

(i) The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE/AAO.

(ii) The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/ fax/telephonically.

(iii) The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (www.tenderwizard.com > tender free view> advance search> awarded tenders) that the particular contractor is not L- 1 tenderer and work is awarded.

(iv) The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

GUIDELINES REGARDING SIGNING OF INTEGRITY PACT BY THE BIDDER AT THE TIME OF SUBMISSION OF BID (Vide No. DG/CON/255A dated 10.08.2011)

Sub: Clarification regarding Introduction of Integrity Pact introduced vide OM No. CON 255 dated 23.05.2011

A new provision of Integrity Pact (IP) was introduced in GCC-2010 vide OM No. CON/255 dt. 23.05.2011. In the OM it is mentioned that at the time of submission of bid, it shall be mandatory to sign the pact by the bidder failing which the bidder will stand disqualified from the tendering process and such bid would be summarily rejected.

Some field Units have raised their doubts regarding submission of duly signed Integrity Pact by the bidder at the time of submission of bid. In this regard it is clarified that :-

1. Submission of duly signed Integrity Pact by the bidder is applicable in case of manual tendering where e-tendering is not followed.

2. In case of manual tendering Executive Engineer should sign the first page addressed to the intending bidder at the time of issue of tender form and before submission of the bid, each bidder shall sign IP at respective places and submit the bid. If duly signed IP is not submitted by the bidder, such bid shall not be considered.

3. In case of e-tendering, Integrity Pact shall be treated in the same manner as other components of the bid document. In e-tendering, the intending bidder does not sign any document physically and entire bid document is submitted through digital signature. Since IP is a part of bid document no separate physical submission is required with other documents to be submitted in the office of tender opening authority. In addition to other component of bid document, the Integrity Pact along shall also be signed between Executive Engineer and successful bidder after acceptance of bid.

INTEGRITY PACT

To,

……..,

……..,

……..

Sub: NIT No. **22/EE(C)/CCW/AIR/BPL/2026-27** for the work "**Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG). Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)**"

Dear Sir,

It is here by declared that CCW, Akashvani is committed to follow the principle of transparency, equity and competitiveness in public procurement.

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

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

Yours faithfully

Executive Engineer (C)

INTEGRITY PACT

To,

Executive Engineer (C),

CCW, Akashvani,

Bhopal

Sub: Submission of Tender for the work of "**Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG). Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)**"

Dear Sir,

I/We acknowledge that CCW, Akashvani is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

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

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

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

Yours faithfully

(Duly authorized signatory of the Bidder)

INTEGRITY AGREEMENT

This Integrity Agreement is made at ..... on this ..... day of .....20…....

BETWEEN

President of India represented through Executive Engineer,

.....
(Name of Division)

CCW, Akashvani, ..., (Hereinafter referred as the

(Address of Division)

'**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company)

through ..... (Hereinafter referred to as the
(Details of duly authorized signatory)

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

Preamble

WHEREAS the Principal/Owner has floated the Tender (NIT No.....) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for .....

.....
(Name of Work)

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

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

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

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties

hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

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

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

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

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

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

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

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

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

in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

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

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

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

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

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

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

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

Article 3: Consequences of Breach

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

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

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

3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

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

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holidaylisting of the

Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

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

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

2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CCW, AIR.

Article7-Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Headquarters of the Division** of the Principal/Owner, who has floated the Tender.

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

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

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

It is agreed term and condition that any dispute or difference arising between

the parties with regard to the terms of this Integrity Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.**

Article 8- LEGAL AND PRIOR RIGHTS

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

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES

1. .....
   (Signature, name and address)

2. .....
   (Signature, name and address)

Place:

Date:

FORM OF EARNEST MONEY DEPOSIT

(BANK GUARANTEE BOND)

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated ..... (date) for the construction of ..... (name of work) (hereinafter called "the Tender") KNOW ALL PEOPLE by these presents that we, ... (name of bank) having our registered office at ..... (hereinafter called "the Bank") are bound unto ..... (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. ..... (Rs. in words .....) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents. SEALED with the Common Seal of the said Bank this .....day of ..... 20... . THE CONDITIONS of this obligation are:

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

(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:

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

OR

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

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

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

DATE ……. SIGNATURE OF THE BANK

WITNESS …… SEAL
(SIGNATURE, NAME AND ADDRESS)

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

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Percentage Rate Tender & Contract for Works

A. Tender for the work of :-

Name of Work : Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

i) To be uploaded by ***02:00 PM on 20.11.2026 to*** https://prasarbharati.eproc.in

ii) To be opened in presence of tenderers who may be present at ***03:00 PM on 20.11.2026*** *in* the office of **Executive Engineer (C), CCW:Akashvani: Bhopal**

Issued to:- ....

Signature of officer issuing the documents.....

Designation:- **Executive Engineer, CCW, Akashvani, Bhopal**

Date of issue:- ....

TENDER

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all 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 **Thirty (30) days** from the due date of its opening / thirty days from the date of opening of financial bid in case tenders are invited on 2/3 envelop system (strike out as the case may be) and not to make any modification in its terms and conditions.

A sum of **Rs. 14,880.00** is hereby forwarded in cash/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 the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in **Clause 12.2 and 12.3** of the tender form. Further, I/We agree that in case of forfeiture of 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, Akashvani 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 **the Engineer-in-charge shall be free to suspended the agency for 1 year and agency shall not be eligible to bid for CCW, Akashvani Tender from date of issue of suspension order.**

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.

Date: **Signature of Contractor**

Witness:

Postal Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an 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)

For & on behalf of President of India

Signature……..

Date: **Designation ……..**

PROFORMA OF SCHEDULES

(Separate Performa for Civil, Electrical & Horticultural Works in case of Composite Tenders) (Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'
Schedule of quantities (as per PWD-3) : As per enclosed Schedule of Quantities.

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any: - Nil

SCHEDULE 'E'

Reference to General Conditions of contract : - GCC MAINTENANCE 2023, CPWD form 7 as modified & corrected up to previous day of the last date of submission of tender.

NAME OF WORK :- Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

Estimated cost of work :- Rs. 7,44,022.00

Earnest Money :- Rs. 14,880.00

(To be returned after receipt of Performance Guarantee)

Performance Guarantee :-

(a) 5% of tendered value or Estimated Cost put to tender (ECPT) (Whichever is higher)

(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), The Performance Guarantee, In addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

Security Deposit :- 5% of tendered value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS :- The Contractor whose tender is accepted will be required to furnish PG as mentioned in Schedule 'E' and within the period specified in Schedule F..

Officer inviting tender : Executive Engineer (C), CCW : Akashvani, Bhopal

Maximum percentage for quantity of items of work to be executed beyond : See below

which rates are to be determined in accordance with Clauses 12.2 & 12.3

DEFINITIONS:

2(v)	Engineer -in- Charge	:-	**Executive Engineer(C), CCW, Akashvani, Bhopal**
2(viii)	Accepting Authority	:-	**Executive Engineer(C), CCW, Akashvani, Bhopal**
2(x)	Percentage on cost of materials and Labour to cover all overheads and profits	:-	**15%**
2(xi)	Standard Schedule of Rates	:-	**Delhi Schedule Of Rates 2023, with Up to date correction slips**
2(xii)	Department	:-	**CCW : All India Radio**
9(ii)	Standard CPWD Contract Form	:-	**GCC-2023: Maintenance Works , CPWD Form 7/8 modified & Corrected up to the last date of submission of tender.**

Clause 1

(iv) Time allowed for submission of Performance Guarantee, programme chart (Time and progress)and applicable labour licenses , registration with EPFO, ESIC and BOCW welfare board or proof of applying there of from the date of issue of letter of acceptance : **10 days**

(v) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above ..... : **07 days.**

Clause 2

Authority for fixing compensation under Clause- 2 : **S.E(C). CCW: Akashvani: Mumbai**

Clause 2A

Whether Clause 2A shall be applicable : **Not applicable**

Clause 5

Number of days from the date of issue of letter of Acceptance for reckoning date of start Mile stone(s) as per table given below : **1 0 days.**

Sl. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.			
2.	Not applicable		
3.			
4.			

Time allowed for execution of work : **01 (One) Months**

Authority to decide

1	Extension of time	Executive Engineer, CCW, Akashvani, Bhopal
2	Rescheduling of mile stone	Executive Engineer, CCW, Akashvani, Bhopal
3	Shifting of date of start in case of delay in handing over of site	Executive Engineer, CCW, Akashvani, Bhopal

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Part	Portion of site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance		
Part B	Portion with encumbrances		
Part C	Portion dependent on work of other agencies		

Clause 7

Payment of intermediate certificate to be regarded as Advance: : **Four Lakh Only**

Clause 10A

List of testing equipment to be provided by the contractor at site lab**: As per list on page no. 62 (Annexure – I)**

Clause 10B (ii)

Whether **Clause 10 B (ii)** shall be applicable? **Not applicable**

Clause 10C

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

Clause 10 CC :- Not applicable

Clause 11

Specifications to be followed for execution of work: -

CPWD Specification-2019 Vol. I & II with up to the last date of Submission of tender .

Clause 12

Authority to decide deviation upto 1.5 times of tender amount : Executive Engineer CCW, Akashvani, Bhopal

12.2 & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work **:- 100%**

12.5 **(i)** Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items) **:- 100%**

(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items **:- 100%**

Clause 16

Competent Authority for deciding reduced rates : - Superintending Engineer, CCW:Akashvani: Mumbai

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

1. Concrete mixture with water Dozier system,
2. Vibrator. (Needle).
3. Surface vibrator.
4. Vacuum dewatering equipment Concrete Grouting Pump

Clause 19C Authority to decide penalty for each default **:** Executive Engineer (C), CCW, Akashvani, Bhopal

Clause 19D Authority to decide penalty for each default **:** Executive Engineer (C), CCW, Akashvani, Bhopal

Clause 19G Authority to decide penalty for each default **:** Executive Engineer (C), CCW, Akashvani, Bhopal

Clause 19K Authority to decide penalty for each default **:** Executive Engineer (C), CCW, Akashvani, Bhopal

Clause-25:

Constitution of Dispute Re-dressal Committee: Comprising of one chairman and two members shall be constituted by ADG (WR).

Sr. No.	Name of Division	Designation of the Committee	
1	Executive Engineer, CCW: Akashvani, Bhopal .	Chairman	CEC, CCW : Akashvani:New Delhi
		Member	SE(Trg), CCW, Akashvani, New Delhi
		Member	EE(Trg), CCW, Akashvani, New Delhi
		Presenting Officer	EE-in-Charge

Clause 32 : Requirement of Technical Representative(s) and recovery Rate

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal /Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1	Graduate Engineer Or Diploma Engineer	Civil	Project Manager cum Planning/ Site /billing Engineer/ **The Engineer must have knowledge of CPWD Norms/Bill**	02 Years Experience for Graduate Engineer Or 05 Years Experience for Diploma Engineer **respectively**	1 1	**Rs. 15,000/- per Month per person limited to 5% of tender Amount**	**Rupees fifteen thousand per month per person**

Note : Retired Assistant Engineer (C) of CCW, Akashvani / CPWD for supervision, monitoring, record of measurements, maintenance of site records, verification and submission of bill as per clause 32 & Clause 6A of contract agreement and as per direction of Engineer-in-charge.

Clause 38

(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of **Delhi Schedule of Rates- 2023** printed by C.P.W.D.

(ii) Variations permissible on theoretical quantities: -

(a) Cement

For works with estimated cost put to tender **not more than Rs. 25 lakhs** : **3%** plus/minus.

For works with estimated cost put to tender **more than Rs. 25 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

MATERIAL AND QUALITY ASSURANCE

1. *The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.*

2. *The contractor shall get the source of all other materials, not specified elsewhere in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it.*

3. *The contractor shall submit shop drawings of staging and shuttering arrangement, aluminum work, and other works as desired by Engineer In Charge for his approval before execution. The contractor shall also submit bar bending schedule for approval of Engineer –in – charge before execution.*

4. ***Test Laboratories :***

A. Laboratory at site :

The contractor shall establish a testing lab at site and provide testing equipment and materials for the field tests mentioned in the list of mandatory tests given in CPWD specifications 2019 Vol. 1 & 2. Nothing extra shall be payable to him on this account.

The representatives of the department shall be at liberty to inspect the testing facilities at site and conduct testing at random in consultation with Engineer in charge. The contractor shall provide all necessary facilities for the purpose. The laboratory shall be equipped, inter alia, with the following equipments:

a) ***Balances:***

i) 7 kg to 10 kg capacity, semi-self indicating type – Accuracy 10 gm.
ii) 500 gm capacity, semi-self indicating type Accuracy 1 gm.
iii) Pan Balance- 5 kg Capacity- Accuracy 10 gm.

b) ***Ovens-*** *Electrically operated thermostatically controlled up to 110°C- Sensitivity 1°C.*

c) ***Sieves:*** *as per IS: 460*

i) *IS Sieves – 450 mm internal dia of sizes 100 mm, 80 mm, 63 mm, 50 mm, 40 mm, 25 mm, 20 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm, complete with lid and pan.*

ii) *IS Sieves – 200 mm internal dia (brass frame) consisting of 2.36 mm, 1.18 mm, 500 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns with lid and pan.*

d) ***Sieve shaker*** *capable of 200 mm and 300 mm dia sieves, manually operated with timing switch assembly.*

e) *Equipment for slump test- slump cone, steel plate, taping rod, steel scale, scoop.*

f) *Equipment for concrete testing*

i) *Concrete cube moulds 15x15x15cm.*	*36 Nos.*
ii) *Temping Rods 2Kg weight length 40cm and ramming face 25mm*	*2 Nos.*
iii) *Extra Bottom plates for 15cm cube mould*	*12 Nos.*
iv) *Standard Vibration table for cubes*	*2 Nos.*
v) *Dial gauges 25 mm travel- 0.01 mm/division least count-*	*2 Nos.*
vi) *Universal Compression testing machine of 100 tonne capacity electrically operated.*	*1 Nos.*

Not more than 90% tests for material be performed at site lab with above stated equipment's, however at least 10% testing of materials shall be got done from external laboratories. However, for the tests to be carried out by the external laboratories, the contractor shall supply free of charge all the materials required for testing, including transportation. If the tests which were to be conducted in the site laboratory are conducted in other laboratories for any the reasons the cost of such tests shall be borne by the contractor.

B) Other Laboratories :

The contractor shall arrange carrying out all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and shall bear all charges in connection therewith including charges for testing for all materials.

Testing of materials in any Govt Lab / Public Undertaking Lab/IIT or NIT lab/Government Engineering college may be allowed by the Engineer in charge. However incase of private lab, the Superintending Engineer, Vadodara will approve the lab accredited by NABL or any other accreditation body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 for testing and calibration scopes.

C) Sampling of Materials :

(i) Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used. In case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.

(ii) The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge.

(iii) BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.

(iv) The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.

(v) All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.

(vi) The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.

(vii) The Stone aggregate / stone, sand shall be brought from any quarries subjected to the said materials confirm CPWD specifications.

5. *The day to day receipt and issue accounts of different grade/brand of cement shall be maintained separately in the standard proforma by the Jr. Engineer-in-Charge of work and which shall be duly signed by the contractor or his authorized representative.*
6. *The contractor shall render all help and assistance in documenting the total sequence of this project by way of photography, slides, audio-video recording etc. Nothing extra shall be payable to the contractor on this account. However cost of photographs, slides, audio/ideography etc shall be borne by the department.*

7. *The contractor shall be fully responsible for the safe custody of materials brought by him issued to him even though the materials are under double lock key system.*

8. *Separate cement registers showing the receipt of the OPC and PPC shall be maintained at site. The contractor shall construct separate godowns for storage of OPC & PPC at site and nothing extra on this account shall be payable.*

9. *Cement issued shall be for consumption at site only. No cement for factory made items and those not manufactured at site shall be issued.*

10. *In case there is any discrepancy in frequency of testing as given in the list of mandatory test and that in the individual sub-head of work as per CPWD specification 2019 Vol. 1 & 2 the higher of the two frequencies of testing shall be adopted.*

***11 Maintenance of Registers*:**

11.1 *All the registers for tests of material to be carried out at construction site or in outside laboratories shall* **be maintained by the contractor**. *These register shall be issued to the contractor by Engineer-in-Charge in the same manner as being issued to CCW AIR field staff.*

11.2 *The test registers to be maintained the contractor are:*

(a) Materials at site account register.

(b) Cement register.

(c) Master test registers.

(d) Cube test register.

(e) Paint register.

(f) Inspection registers.

(g) Drawing register.

11.3 *All the entries in the register will be made by the designated engineering staff of the contractor and same should be regularly reviewed by JE/AE/EE.*

11.4 *Contractor shall be responsible for safe custody of all the test registers.*

11.5 *Submission of copy of all test registers, material at site register along with each alternate running account bill and final bill shall be mandatory. These registers should be checked in division office.*

11.6 ***Ultrasonic Pulse velocity Method of Test for RCC:*** *Ultrasonic pulse velocity method of test for RCC shall be done as routine test as per IS 13311 (Part-I) : 1992. Concrete quality grading shall be done and concrete having graded as good and excellent shall be accepted.*

Third party quality control/assurance: *Third part quality control/assurance may be conducted by IIT/NIT/Government Engineering College/Government Institutes or any other Empanelled agency, if directed by Engineer-in-Charge. The contractor has to provide all necessary assistance and has to submit compliance report within targeted time frame.*

PARTICULAR SPECIFICATION

1.0 Unless otherwise specified, CPWD Specifications-2019 Volume - I & II with up to date correction slips. Any additional item of work if taken up subsequently shall also conform to the relevant CPWD Specifications mentioned above. Should there be any difference between description of items as given in the schedule of quantities, nomenclature and specifications for individual items of work (special conditions) and IS Codes, work shall be got done in the following order of precedence:

(i) Description of items as given in schedule of quantities.

(ii) Special conditions and particular specifications.

(iii) CPWD specifications.

(iv) I.S. Codes

(v) Decision of Engineer-in-charge.

1.1 Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments, issued thereto or revision thereof, if any, up to the date of receipt of tenders.

1.2 Unless otherwise specified in the schedule of quantities, the rates for all items of work shall be considered as inclusive of pumping out or bailing out water, if required for which no extra payment will be made. This will include water encountered from any source such as rains, floods, sub soil water table being high and / or due to any other cause whatsoever.

1.3 The work shall be executed and measured as per metric dimensions given in the schedule of quantities, drawing etc. (FPS units wherever indicated are for guidance only).

2.0 The following modifications to the above specifications and some additional specifications shall however apply.

2.1 All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries at ***LOCAL*** or any other source to be got approved by the Engineer-in-charge.

2.2 Coarse sand should be obtained from ***LOCAL*** or any other source to be got approved by the Engineer-in-charge and screened as required. The same shall be clean and sharp angular grit type. If the sand brought to site is dirty it must be washed in clean water.

2.3 Fine sand should be obtained from ***LOCAL*** o r any other source to be got approved by the Engineer-in-charge and screened as required. The same shall be clean and sharp angular grit type. If the sand brought to site is dirty it must be washed in clean water.

2.4 Bricks shall be of crushing strength not less than 35 Kg/sq.cm. The average water absorption of bricks when immersed in water for 24 hours shall not be more than 20% of the dry weight.

2.5 Cast iron pipes and fittings without ear shall be used. However pipes fittings with ears may be accepted without any extra payment. In such cases, clamps are not required for fixing and no extra payment will be made for fixing the pipes.

2.6 The rates for all items of work, shall unless clearly specified otherwise, include cost of all labour, materials, scaffolding and other inputs involved in the execution of the item at all floors and heights.

2.7 To avoid displacement of bars in any direction and to ensure proper cover, only factory made round type cover blocks as approved by Engineer-in-charge should be used for RCC work. Nothing extra shall be paid for this.

3.0 Nothing extra shall be paid embedding of pipes, conduits etc.

3.1 The brick work for the portions of the external wall of W. C. through which pipes are taken, will be done after the pipes are fixed as far as practicable.

3.2 All crossing, embedment's etc. in walls and floors for water supply, drainage and sanitary pipes, fittings etc. shall be provided as per previously prepared detailed drawings for individual walls and floors so as to avoid cuttings if brick work and floors. All such areas shall be made good during finishing and nothing extra shall be paid for this.

SPECIAL CONDITIONS PART - I

1.0 The contractor will have to work according to the program of work, as decided by the Engineer-in-charge for the purpose of which the contractor should submit a tentative program of the work within one month from the date of start of the work. The contractor shall also construct a sample until complete in all respects within time specified by the Engineer-in-charge and this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim whatsoever beyond the payment due at agreement rates will be entertained from the contractor on this account.

2.0 The contractor shall take instructions from the Engineer-in-charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services or compound walls are to be constructed.

3.0 If, as per municipal rules the huts for labour are not to be erected at the site of work, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be payable to him on this account.

4.0 The work on items of internal finishing must be started as soon as the structure of two floors is completed.

5.0 The work shall be carried out in accordance with the Architectural drawings and structural drawings. The structural and architectural drawings, shall have to be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor. In case of any discrepancy in the item given in the schedule of quantities appended with the tender and architectural drawings related to the relevant items, the former shall prevail unless and otherwise given in writing by the Engineer-in-charge. Samples shall be prepared before starting particular items of work for prior approval of the Engineer-in-charge and nothing extra shall be payable on this account.

6.0 All the material to be used on works shall bear ISI certification mark unless otherwise the make is specified in the term or special conditions appended with this tender document. In case ISI mark materials of the materials mentioned in the tender documents are not available, as per opinion of Engineer-in-charge specifications applicable in this tender or IS code. In such Engineer-in-charge shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers shall be used unless otherwise specified. All material not having ISI mark shall be tested as per relevant ISI specifications. The Engineer-in-charge may relax the condition regarding

testing if the quantity of the materials required for the work is small. In all cases of use of ISI marked materials proper proof of procurement of materials from authentic manufacturers shall be provided by the contractor to the entire satisfaction of Engineer-in-charge.

7.0 All materials equivalent to the one specified should be got approved by the Engineer-in-charge before using the said materials in the work.

8.0 The contractor shall be responsible for the protection of sanitary and water supply fittings and fixtures against pilferage and breakage during that period of installation and thereafter until the building is handed over.

9.0 Any damage to work resulting from rains or from any other cause until the work is taken over by the Department after completion of work shall be made good by the contractor, at his own cost.

10.0 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/ instructions and noting extra shall be payable on this account.

11.0 The contractor shall comply with the provision of any Government acts which relate to the work and to the regulations and laws of any local authorities. The contractor shall give all notices required by the said acts, laws etc. and pay all fees payable to such authorities and allow for those contingencies, cost of restorations etc. and all other fees payable to this local authorities.

12.0 The contractor (s) shall quote all- inclusive rates including all taxes, GST etc. against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned in the bid documents unless specifically specified otherwise.

12.1 General Condition of Contract 2020 Clause 34 (i): All tendered rates shall be inclusive of all tax, levi or cess applicable on last stipulated date of receipt of tender including extension if any.

13.0 Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws and specifications of the municipal body/ corporation where CPWD specifications are not applicable. The work of water supply, internal sanitary installations, drainage etc. shall be carried out as per local Municipal Corporation or such local body bye-laws. The contractor shall get the materials (fixtures/ fittings) tested by the Municipal body/ corporation authorities wherever required at his own cost and after completion of work shall produce necessary completion certificates from such authorities.

13.1 The contractor shall comply with proper and legal orders and directions of the local public authority or municipality and abide by the rules and

regulations and pay all fees and charges which he may be liable.

14.0 The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the tests.

15.0 The tenderer should not quote unnecessary conditions contradicting the general conditions and particular specifications given in this tender, as such conditions apart from being not agree to can lead to rejection of the tender.

16.0 BRIEF WORDING OF ITEMS:

16.1 For the purpose of recording measurements and preparing running accounts bills, the underlined portions of the nomenclature of items, included in the schedule of quantities shall be adopted as the abbreviated nomenclature of the particular item. The abbreviated nomenclature shall be taken to cover all the materials and operations as per the complete nomenclature of the relevant item in the agreement and relevant specifications. In the case of items for which abbreviated nomenclature is not indicated in the schedule of quantities, the full nomenclature shall be reproduced while recording measurements and preparing the bills.
Also following abbreviations may be adopted.

(A) P/L for : Providing and Laying
(B) P/F for : Providing and Fixing
(C) C.C. for : Cement Concrete
(D) C.M. for : Cement Mortar

16.2 In case of extra / substituted items of work for which brief wording is not provided in the agreement, the full nomenclature of the item shall be reproduced in the measurement books and bill forms of running bills.

16.3 The full nomenclature of the items shall be adopted in preparing abstract of final bill in the measurement books and also in the forms for final bills.

17.0 VARIATION IN CONSUMPTION OF MATERIALS

17.1 The variation in consumption of material shall be governed as per CPWD specification and clauses of the contract to the extent applicable. The following specifications shall govern the variation in consumption of pig lead.

18.0 MATERIALS BROUGHT BY THE CONTRACTOR

18.1 The contractor shall have to deposit the approved paints of required colour and shade as per actual requirements of the work to be done, with the Engineer-in-charge at his departmental stores at the site of work.

18.2 The paint will be issued to the contractor from time to time according to his requirements for the work in the same manner as the issue of materials stipulated to be issued departmentally.

18.3 Similar procedure shall be followed for water proofing compound.

18.4 The day-to-day receipt and issue quantity account of water proofing compound, paints etc. shall be maintained by the Junior Engineer and signed daily by the contractor or his authorized agent.

18.5 Empty containers should not be removed without the written permission of the Engineer-in-charge.

18.6 The steel windows and ventilators shall be factory made and ISI marked.

19.0 TESTING OF MATERIALS

19.1 The contractor shall procure all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.

19.2 (a) The contractor's rates for the items involving the use of materials shall be deemed to cover the cost of sample. The cost of packaging, sealing, transportation, loading, unloading etc. shall be borne by the contractor. Testing charges shall also be borne by the contractor.

(b) (1) Kota stone shall be of full width of platform / shelves and shall be of single piece of length, but not more than 1.5 metres. In case the platform / shelves being more than 1.5 meters in length, two pieces shall be allowed as per direction of Engineer-in-charge.

(2) The edges of the platform shall be neatly rounded and all exposed surfaces shall be machine polished.

(3) Surface should be of even colour and shade without rub marks of scratches.

19.3 With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes failing short of the prescribed standards by over 10% to 20% and pending testing of balance 3 cubes for 28 days as final confirmatory acceptance test, crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag.

19.4 In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out compression strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage up to the laboratory where the test is to be performed. The cube test can be performed at any laboratory approved by the Engineer-in-charge.

20.0 The contractor shall make his own arrangements for obtaining electric connections, if required and make necessary payments directly to the department concerned.

21.0 Other agencies will also be executing simultaneously the works like electrification, horticulture or external services and other building works for the same project along with this work in particular. The contractor shall afford necessary facilities for the same. No claim in this

respect shall be entertained. The contractor shall leave such necessary holes, openings etc. for laying/ burying in the work, pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for electric, sanitary, air conditioning, fire fighting, P.A. system, telephone system, CCTV system etc. and nothing shall be paid for the same. Conduits for electrical wiring/ cables will be laid in such a way that they leave enough space for concreting and not adversely affect the structural members. Nothing extra over the agreement rate shall be paid for the same.

22.0 Any cement slurry, if added over base surface (or for continuation of concreting) for bond, its cost shall be deemed to have been included in the respective items, unless otherwise, explicitly stated and nothing extra shall be payable for extra cement considered in the cement consumption on this account.

23.0 The intending tenders are requested to go through the Architectural Drawings available in the office of the **Executive Engineer (C), CCW:Akashvani, Bhopal** Architectural Drawings show the type of structure to be constructed, number of storeys and heights wherever applicable, and other Architectural features. No claim whatsoever shall be entertained for the same and also for lack of information on this account which the tenderer is expected to have information on this account which the tenderer is expected to have.

(a) The contractor shall construct suitable godowns/sheds as per specification of works for storing the materials safe against damage due to sun, rain, dampness, fire, theft etc. He shall also employee necessary watch and establishment for the purpose.

LIST OF PREFERRED MAKES FOR CIVIL WORKS

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

2. Wherever applicable, the Engineer-in-Charge may approve any material equivalent to that specified in the tender subject to proof being offered by the contractor for equivalence to his satisfaction.

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

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

5. Sample of all the materials will be used only after approval of the **Engineer- in-charge**

S. No.	***Description of Material***	***Brands Name***
1	*PLANT FOR READY MIX CONCRETE*	*A.C.C., M/s RMC Readymix (India) , Ultrtech Cement Ltd., LAFARGE, J.K.*
2	*OPC (Cement) / P.P.C. (Cement)*	*A.C.C., Ultratech Cement Ltd., Vikram, Ambuja Cement, Jay Pee Cement, Century Cement , J.K, Cement, Birla Shakti Cement.*
3	*White Cement*	*J.K. WHITE, BIRLA WHITE.*
4	*Water proofing Compound (Liquid)*	*FOSROC, CICO, PIDILITE.*
5	*Reinforcement Steel*	*TISCO, SAIL, JSPL, RINL, JSW Steel,*
6	*Structural Steel, Steel Section like Angles, Channels, Round / Square Bars.*	*TISCO, SAIL, JSPL, RINL, Any other brand as per C.P.W.D. Circular.*
7	*Vitrified / Ceramic Tiles*	*H & R Johnson, Kajaria, Somany, Varmora.*
8	*HARDENERS (Liquid)*	*IRONITE, FERROK, HARDONATE.*
9	*FLUSH DOORS*	*KENWOOD, KUTTY, GREEN, CENTURY.*
10	*PLYWOOD*	*KITPLY, GREENPLY, CENTURY PLY*
11	*ROLLING SHUTTERS WITH GRILLS*	*STANDARD, SWASTIK, SHUBDHWAR, SONA.*
12	*STAINLESS STEEL SCREWS*	*KUNDAN, ARROW, JINDAL , Connect Architectural Product Pvt Ltd.*
13	*ALUMINIUM EXTRUSIONS*	*HINDALCO, INDALCO , JINDAL.*
14	*DASH FASTNERS*	*HILTI, FISHER, CANON.*
15	*GLASS (Float / Plain)*	*ST. GOBAIN, AIS (ASAHI), PILKINGTON*
16	*SYNTHETIC ENAMEL PAINTS & PRIMERS*	*NEROLAC, ASIAN PAINTS, BERGER , DULUX*

17	TEXTURE PAINTS	SPECTRUM, DULUX, ASIAN, BERGER, NEROLAC
18	GYPSUM BOARD	SAINT GOBAIN, BORAL.
19	FALSE CEILING SYSTEM ALONG WITH SUPPORTING GRID	ARMSTRONG, SAINT GOBAIN, AEROLITE
20	CEMENT CONCRETE PAVER TILES	SUPER TILES AND MARBLES PVT. LTD., VYARA, SONA, NITCO TILES LIMITED
21	SANITARY WARE	JAQUAR, CERA
22	G I PIPE	SURYA, TATA, JINDAL , ASIAN
23	RIGID PVC PIPES AND FITTING	SUPREME , ASTRAL, PRINCE, FINOLEX
24	MIRROR GLASS	ATUL, MODIGUARD.
25	GULLY TRAPS (S.W.)	PERFECT, PARRY, CHERRY.
26	RCC PIPES	LAKSHMI, SOOD & SOOD, PRAGATI
27	UPVC PIPES/CPVC PIPES & FITTING	SUPREME, PRINCE, FINOLEX , ASTRAL
28	STAINLESS STEEL SINKS	STAR, JAYNA, NIRALI
29	CP Brass fillings	JAQUAR, CERA
30	CP Brass, Flush Valve	JAQUAR, ZOLOTO , LEADER
31	PVC Flushing Tank	PARRYWARE, HINDWARE
32	Plastic Seat with Lid	PARRYWARE, HINDWARE, SEABIRD.
33	Mortice Lock	Godrej, Harrison
34	Centrifugally Cast Soil Pipes (ISI Marked)	NECO, BIC, SKF, KAPILANSH.
35	UPVC Rain Water Pipes	FINOLEX, SUPREME , PRINCE
36	PTMT Fittings	Prayag or other ISI Brand
37	Steel Door / Window Frames / Windows / Ventilators	AGEW , SEN HARVIK , SHIV MULAR , STEEL PLAST.
38	SS Door/ Windows Hardware	DORMA, HAFELE, GEZE, DEFINE
39	PVC TANK	STAR, SINTEX, WATER WELL
40	PREMIXED FORMULATED LIGHT WEIGHT GYPSUM PLASTER	FERROUS CRETE, GYPROCK, SAINT GOBAIN, ULTRATECH
41	Epoxy grout flooring tiles	LETOCRETE, ARDEX ENDURA.
42	AAC BLOCK	JK LAXMI CEMENT LTD./ MAGICRETE BUILDING SOLUTION / B.G SHIRKE/BILT / ECO GREEN, WONDER
43	Polymer Modified Cementitious grout	BAL ENDURA/ WEBBER/MYKLATICRETE / ECO GREEN
44	Chlorpyriphos / Lindane (for Antitermite treatment)	ESSAR-CHLORO, DURSBAN, GIBRALTOR, BAYER
45	Premium Acrylic Emulsion Paints	JENSON & NICHOLSON, BERGER PAINTS, ASIAN PAINT, NEROLAC, ICI
46	Water proofing Cement Paint	ASIAN PAINT, SNOWCEM INDIA LTD, BERGER PAINTS
47	Hermitically sealed performance glass Toughened Glass, DGU	AUTHORIZED FABRICATORS (MODI GUARD, SAINT GOBAIN, TATA ASAHI, HNG, AIS-GLEVERBEL, PILKINGTON
48	Fire rated vision Panels	SAINT GOBAIN, PILKINGTON, SCHOTT, FERILITE, PYROGUARD.

49	*Fire Proof steel doors & General purpose Steel Doors*	*METAFLEX, SHAKTI HORMANN, NAVAIR, Pacific fire controls .*
50	*Aluminium Composite Panel (ACP)*	• *ALSTRONG* • *ALUCOBOND* • *ALUDECOR*
51	*Glazed Fire Door*	*NAVAIR, PROMAT, SHAKTI-MET, SAINT GOBAIN, GODREJ, Pacfic fire controls*
52	*Fire rated glass*	*SAINT GOBAIN,AASHI, PYROGUARD, PILKINGTON, SCHOTT, GLABERVEL,*
53	*SUPERPLASTICIZERS / ADMIXTURE*	*MC BAUCHEMIE, SIKA, FOSROC, BASF, ASIAN LABORATORIES*
54	*WATERPROOFING COMPOUND*	*PIDILITE, STRUCO EXCEL, CICO, FOSROC*
55	*FLOOR SPRINGS / DEAD LOCK / DOOR CLOSERS / PANIC BAR*	*DORMA, GEZE, HAFELE HARDWIN*
56	*S.S. HANDLES & All other Door Hardware*	*DORMA, GEZE, HAFELE, DEFINE*
57	*GLASS MOSAIC TILES*	*BISAZZA, ITALIA, PALLADIO*
58	*G.I. FITTINGS*	*UNIK, R-BRAND, ZOLOTO*
59	*MELAMINE POLISH*	*TOUCH WOOD OF ASIAN PAINTS, WUDFIN OF PEDILITE INDUSTRIES*
60	*SPIDER FITTINGS*	*DORMA, HEFELE*
61	*FLOOR SPRING, PATCH FITTING, PIVOT AND LOCK (FOR CURTAIN GLAZING SUBHEAD*	*DORMA, HEFELE*
62	*EPDM*	*AMEE RUBBER INDUSTRIES PVT. LTD., BOHRA RUBBER*
63	*ALL TYPE OF SILICONE*	*DOW CORNING, GE Silicon.*
64	*PVC DOOR FRAME & SHUTTER*	*Duroplast, Polyline, Polywood, Rajshree.*

1. The material beyond above list shall be of ISI Mark and dully approved by Engineer-in-charge of work which is to be kept at site of work.
2. The contractor shall provide the materials as per the make or brand indicated above at site to approve by Engineer in charge of the work. When two or more alternative/brands have been mentioned, the brand selected by the Engineer-in-Charge shall be final and binding.
3. To change the brand or any alternative selection of the brand is right of the Engineer- in -charge and shall be binding. Agency has no right to object the instruction of Engineer-in-charge of work.
4. The Engineer in charge has right to reject the material if it does not comes at site as per selected/recommended brand by the Engineer- in -charge of the work.

EXECUTIVE ENGINEER (CIVIL)

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.

Executive Engineer(C),
CCW, Akashvani,
Bhopal

GUARANTEE TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER-PROOFING WORKS

(Rs. 100/- stamp paper produced with final bill)

The agreement made this ..... day of ..... between ..... S/o ..... (hereinafter called the GUARANTOR of the one part) and the EE (C), CCW, AKASHVANI, BHOPAL (hereinafter called Akashvani : CCW of the other part)

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated ..... and made between the GUARANTOR OF THE ONE PART AND AKASHVANI : CCW of the other part whereby the contractor *inter alia* undertook to render the building and structures in the said contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the affect that the said work will remain water and leak proof, for five years from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that work executed by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be five years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

(a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof;
(b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts;
(c) The decision of the Engineer-in-Charge with regard to cause of leakage shall be final.

During this period of guarantee, the guarantor shall make good all defects and in case of any defect being found, render the building water proof to the satisfaction of the Engineer-In-Charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk. The decision of the Engineer-in-charge as to the cost payable by the Guarantor shall be final and binding.

That if the guarantor fails to execute the water proofing or commits breach there under, then the guarantor will indemnify the principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and / or cost incurred by AIR, CCW, the decision of the Engineer-in-charge will be final and binding on both the parties.

IN WITNESS WHEREOF these presents have been executed by the obligator ..... and ..... by ..... for and on behalf of ……..…….…….. on the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of:

1. .....

2. .....

SIGNED for and on behalf of the President of India, by the Executive Engineer (C), CCW, AKASHVANI BHOPAL ..... in the presence of :-

1. .....

2. .....

ADDITIONAL CONDITION

1. The contractor shall assume all liability, financial or otherwise in connection with his contract and shall protect and indemnify the Engineer-in-Charge from any and all damages and claims that may arise on any account. The contractor shall indemnify the Department against all claims in respect of patent rights, royalties, damages to adjacent buildings, roads or members of public in course of execution of work or any other reason whatsoever and shall himself defend all actions arising from such claims and shall keep the department saved harmless and indemnified in all respect from such actions, costs and expenses.

2. The nomenclature of the item given in the schedule of quantities gives in general the work content but is not exhaustive i.e. does not mention all the incidental works required to be carried out for complete execution of the item of work. There may be several incidental works, which are not mentioned in the nomenclature of each item but will be necessary to complete the item in all respect. All these incidental works which are not mentioned in item nomenclature but are necessary to complete the item shall be deemed to have been included in the rates quoted for various items in the schedule of quantities by the tenderer. No adjustment of rates shall be made for any variation in quantum of incidental works with respect to drawings and/or instructions of the Engineer-in-Charge, as deviation in any such elements of work which are incidental to the items of work or are necessary to complete such items in all respects. Nothing extra shall be payable on this account.

3. All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for contractor, watch and ward, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of electricity/telephone/water, liasion works, protection works, barricading etc. during execution or any other activity which is necessary for execution of work in the opinion of Engineer-in-Charge, shall be deemed to be included in rates quoted for various items in the schedule of quantities, by the contractor. Nothing extra shall be payable on these accounts.

4. The rates quoted for various items in the schedule of quantities shall include cost of preliminary works like setting out the lines, alignment of various services, establishing temporary bench marks, reference points etc. as per the drawings and directions of the Engineer-in-Charge. It shall also include making adjustments in layout, if required as per site conditions and as directed by the Engineer-in-Charge. Nothing extra shall be payable on this account.

5. Unless otherwise provided in the Schedule of Quantities, the rates tendered by the contractor shall be inclusive and shall apply to all heights, lifts, leads and depths and nothing extra shall be payable.

6. The contractors are advised to inspect and examine the site and its surroundings and satisfy themselves with the nature of site, the means of access to the site, the constraints of space for stacking material / machinery, labour etc. they require, if any, weather conditions at site, general ground / subsoil conditions etc. or any other circumstances which may affect or influence their tenders. No claim, whatsoever, shall be entertained from the contractor, on the plea that the information supplied by the department is insufficient or is at variance with the actual site conditions.

7. The contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all orders, decrees of bodies, tribunals having any jurisdiction or authority which in any manner affect those engaged or employed and anything related to carrying out the work. All the bye-laws laid down by CIDCO / BMC and any other local bodies while executing the work shall be adhered to. All taxes / levies payable to local bodies shall be borne by the contractor. The contractor shall arrange to give all notices required by any authority and to pay to such authority all the fees that may have to be paid for execution of the work. All traffic restrictions notified by the local authorities shall also be adhered to by the contractor. He shall protect and indemnify the Department and its officials & employees against any claim or liability arising out of violations of any such laws, ordinances, orders, decree, whether by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts.

8. All care shall be taken by the contractor, as not to damage any other adjacent existing property or other services permanent or temporary, running in the plot. If any damage is carried, the same shall be made good by the contractor at his own cost and to the entire satisfaction of the Engineer-in-Charge. Also the contractor shall use such methodology and equipments so as to cause minimum environmental pollution of any kind during construction to have minimum construction time and minimum hindrance to users in the plot and to the occupants in the campus etc. Nothing extra shall be payable on this account.

8.1 The contractor shall maintain in good condition all work till the completion of entire work allotted to him. The contractor is to be held responsible for and to make good all injuries, damages and repairs, rendered necessary by fire, rain, traffic, floods or other causes. Engineer-in-Charge shall not be held responsible for any claims for injuries to person / workmen or for structural damage to existing property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or of any other of his authorized representatives in his employment during the execution of the work. The compensation, if any shall be paid directly to the department / authority / persons concerned, by the contractor at his own cost.

9. Arrangement of temporary water and electricity and telephone connection required, by him, shall be made by the contractor at his own cost and also necessary permissions directly from relevant departments shall be obtained by him under intimation to the Department. Also all initial and running charges, and security deposit, if any, in this regard shall be borne by him. The contractor shall abide by all the rules / bye laws applicable in this regard and he shall be solely responsible for any penalty on account of violation of any of the rules / bye-laws in this regard.

9.1 The contractor shall be responsible for maintenance and watch and ward of the complete installation and meter and shall also be responsible for any pilferage, theft, damage, penalty etc. in this regard. The contractor shall indemnify the department against any claim arising out of pilferage / theft, damage, penalty etc. whatsoever on this account. Security deposit for the work shall be released only after the clearance is obtained from the local authorities from whom temporary electrical / water / telephone connection have been obtained by the contractor.

9.2 The department shall in no way be responsible for either any delay in getting electric and / or water and / or telephone connections for carrying out the work or not getting connection at all and no claim whatsoever on this account shall be entertained from the contractor. Also contingency arrangement of stand-bye water and electric supply shall be made by the contractor for smooth progress of the work on account of power failure or disconnection for any reason whatsoever it may be. No claim of any kind whatsoever shall be entertained on this account from the contractor. Nothing extra shall be payable on this account.

10. All incidental charges of any kind including cartage, storage, wastage and safe custody of material etc. shall be borne by the contractor and no claim whatsoever shall be entertained on this account.

11.0 The contractor shall make available, on request from the Department, for record, copies of challan, cash memos, receipts and other and certificates, if any, vouchers towards the quantity and quality of various materials procured and the same shall be kept in record. These shall also provide information on the name of the manufacturer, manufacturer's product identification, manufacturers' instructions, warning, date of manufacturing, test certificates from manufacturers for the product for each consignment delivered at site, shelf life, if any, for the department to ensure that the material have been procured from the approved source and of the approved quality, as directed by the Engineer-in-Charge.

12.0 The contractor shall depute Site Engineer & skilled workers as required for the work. Necessary protective and safety equipments shall be provided to them by the contractor at his own cost and used at site.

13.0 The contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc under various labour laws and other regulations applicable to the works, at site office.

14.0 The contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignment, the level and correctness of

every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the contractor at his own cost to the entire satisfaction of the Engineer-in-Charge.

15.0 The approval by the Engineer-in-Charge of the setting out of the alignment of services / pipe lines by the contractor shall not relieve the contractor of any of his responsibilities and obligation to rectify the error / defect, if any, which may be found at any stage during the progress of the work or after the completion of the work.

16.0 The contractor shall prepare an integrated programme chart for the execution of work, showing clearly all activities from the start to completion, and submit the same for approval of the Engineer-in-Charge, within fifteen days of the award of the contract. The submission for approval by the Engineer-in-charge shall not absolve or relieve the contractor of any of his duties or responsibilities under the contract to complete the whole work within the prescribed / stipulated time for the contract. This is without prejudice to the right of the Engineer-in-Charge to take action against contractor as per terms and conditions of the agreement.

17.0 The contractor shall at his own risk and cost make all arrangements and shall provide all such facilities the Engineer-in-Charge may require for collecting, preparing, forwarding the required number of samples for testing and for analysis as per the frequency of test stipulated in the contract specifications or as considered necessary by the Engineer-in-Charge, at such time and to such places, as directed by the Engineer-in-Charge. Nothing extra shall be payable for the above and including cost of materials to be tested.

18.0 The contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate himself, the result of such tests and consequences thereon shall be binding on the contractor. The contractor or his authorized representative shall remain in contact with the Engineer – in – Charge or his authorized representative associated for all such operations. No extra payment or claim whatsoever shall be entertained on this account.

19.0 The Contractor at his own expense shall supply all materials, Labour for preparing and testing samples as required by the Engineer-in-Charge. The testing shall be carried out in the presence of the representative of the Engineer- in- Charge. All material shall be got tested in an independent laboratory as approved by the Engineer-in-Charge.

20.0 The contractor shall construct suitable godowns / sheds as per specification of work for storing the materials safe against damage due to sun, rain, dampness, fire, theft etc. He shall also employ necessary watch and establishment for the purpose.

21.0 The day today receipts and issue accounts of cement shall be maintained by the Engineer-in-Charge and signed daily by the contractor or his authorized agent.

22.0 EXISTING SERVICES :

Existing drains, pipes, cables, overhead wires, sewer lines, water lines and similar services encountered, if any, in the course of the execution of the work shall be protected / maintained against the damage by the contractor at his own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services. Also the contractor shall not have any claim of any kind in case of any delay on account of the removal of trees or shifting, directing, raising, removing telegraph, telephone or electric lines(over head or underground) water and sewer lines and other structures etc, if any which may come in the way of work. Nothing extra shall be payable on these accounts. Also any loss of time on this account, shall have to be made up by generating additional resources etc.

23.0 SECURITY & TRAFFIC ARRANGEMENTS

In event of any restriction being imposed by the Security Staff of CPWD or RAF, OR the client Department, OR traffic or any other authority having control over the project, on the working or movement of labour, materials, the contractor shall strictly follow all such restrictions or instructions issued regarding the same and nothing extra shall be payable to the contractor on account of such restrictions or instructions. The loss of time on this account if any, shall have to be made up by generating additional resources etc.

General security restrictions are given as under:

i. The movement of trucks and vehicles shall be regulated in accordance with rules and regulations as approved by competent authorities.
ii. The contractor shall inform in advance, if required, the truck registration numbers ownership of the trucks, names and addresses of the drivers for necessary action by the security agency.
iii. As and when there will be security requirements, certain additional restrictions can be imposed as per the requirement of the situation.
iv. No claim whatsoever will be entertained by the department on account of any restriction that can be imposed as per the requirement of the situation.

24.0 The contractor shall ensure the stability of the excavation so that the surrounding ground and all adjoining structures and plants will be safe against settlement, subsidence, and damage and that there is no risk of injury to any personnel.

25.0 PREVENTION OF NUISANCE AND POLLUTION:

The Contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupants in the RAF campus or other client Department campuses and to the public in general and to

prevent any damage to such properties and any pollution. He shall make good at his own cost and to the entire satisfaction of the Engineer in Charge any damage to roads, paths, cross drainage works or public or private property what so ever caused due to the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be cleaned away by the contractor without any reservations entirely to the satisfaction of the Engineer in charge.

26.0 Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of adjoining buildings. No claim what so ever on account of site constraints mentioned above or any other site constraints not specifically stated here, shall be entertained from the contractor. Therefore, the contractors are advised to visit site and get first hand information of site constraints. Accordingly, they should quote their tenders. Nothing extra shall be payable on this account.

27.0 No inflammable materials including P.O.L shall be allowed to be stored in huge quantity at site. However, reasonable quantity may be permitted for storage, subject to the compliance of all rules / instructions issued by the relevant authorities and as per the direction of Engineer -in- Charge in this regard.

28.0 **No Waiving of Legal Rights and Powers:** The Engineer-in-Charge shall not be precluded or stopped from taking any measurements, and framing of estimates or detaining any certificates made either before or after the completion and acceptance of the work and payment, from showing the true amount and character of the works performed and materials furnished by the contractor and from showing that any such measurements, estimates or certificates untrue or incorrectly made and that Engineer-in-charge shall not be precluded or stopped from recovering from the contractor such damages as it may be sustained by reasons of his failure to comply with the terms and conditions of the contract.

29.0 The contractor shall take into account the element of wastage / wastages those are likely to be there in all elements of the work and quote his price, taking that into account. The contractor shall study all the items from the point of view of wastage / wastages, which are likely to take place.

30.0 The contractor shall ensure that at no point of time there should be any hindrance to the other construction activities giving on in the Campus. Therefore, he shall sequence his construction activity in different stretches accordingly. Nothing extra shall be payable on this account.

ADDITIONAL CONDITIONS

WHEN STEEL AND CEMENT IS TO BE ARRANGED BY THE CONTRACTOR

CONDITION FOR STEEL

1. The contractor shall procure TMT bars of Fe500D grade (the grade to be procured is to be specified) from primary producers as approved by CPWD who are using iron ore as the basic raw material/input and having crude steel capacity of 2.0 Million tonnes per annum and above. The TMT bars procured from primary producers shall conform to manufacture's specifications/ BIS specifications.
2. The specifications of TMT bars procured from primary producers and ISPs shall meet the provisions of IS 1786 pertaining Fe 500D grade of steel as specified in the tender.
3. Structural steel shall be procured from approved manufacturer having valid BIS license.
4. The contractor shall have to obtain and furnish factory test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
5. 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 specifications as defined under para3.3 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. Else the department shall remove it and recover double the cost of removal from the contractor.
6. The steel reinforcement bars shall be brought to the site in bulk supply of 30 tonnes or more, or as decided by the Engineer-in-charge.
7. The steel reinforcement bars shall be stored by the contractor at site 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.

8. 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 consignments above 100 tonnes**
Under10 mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10 mm to 16 mm dia bars	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16 mm dia bars	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

9. The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall a l s o be borne by the contractor.

10. 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 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 shall to be made.

11. 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.

12. For the purpose of payment, the actual weight of steel reinforcement / structural steel sections/ plates / bolts and nuts shall be measured as below:

10.1 *Unit weight for rolled steel sections and MS plates*: The actual weight per metre of the steel section shall be measured of minimum one sample per lot for each type of steel sections brought to site for use in the work. For this, each sample of steel section shall be cut to required length as decided by the Engineer-in-charge and weighed and recorded. The weight calculated as above shall be taken as the actual weight per unit length. For MS plates the weight per square metre shall be calculated from minimum one random sample. The weight shall then be calculated for each lot of the material received at site of work and unused in the work and unit weight shall be modified accordingly.

10.2 *Unit weight for reinforcement bars*: The actual weight per metre of the reinforcement of various diameters shall be measured for three random samples collected (for each diameter of steel reinforcement) from each lot of particular diameter of steel reinforcement brought to the site for use in the work. For this, each sample (one sample consisting of three specimens) for each diameter of steel reinforcement shall be cut to require lengths and weighed and average weight calculated and recorded. The average weight for each type of steel section and steel reinforcement of each diameter shall be taken as the actual weight per metre for that steel section and that diameter of steel reinforcement.

10.3 In case actual unit weight is less than standard unit weights mentioned in CPWD specifications 2019 Volume 1, but within variation, in such cases payment shall be made on the basis of actual unit weight. However, if actual unit weight is more than standard unit weights mentioned in CPWD specifications 2019 Volume 1, then payment shall be made on the basis of standard unit weight in such cases.

CONDITIONS FOR CEMENT

1. The contractor shall procure 43 grade (conforming to IS : 8112) / 53 grade (conforming to IS : 12269) ordinary Portland Cement, as required in the work, from reputed manufacturers of cement, having a production capacity of not less than one million tonnes or more per annum, such as ***ACC, Ultratech, J.P., Birla, Ambuja, Binani, J.K. Laxmi and Cement Corporation of India etc.*** as approved by Ministry of Industry, Government of India, and holding licence to use ISI certification mark for their product. 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 partly.

   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 test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and 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 20 tonnes or as decided by the Engineer-in-charge. For each grade, cement bags shall be stored in two separate godowns, one for tested cement and the other for fresh cement (under testing) constructed by the contractor at his own cost as per sketch given in **General Conditions of Contract for CPWD 2023** with weather proof roofs and walls. The actual size of godown shall be as per site requirements and as per the direction of the Engineer in charge and nothing extra shall be paid for the same. The decision of the Engineer-in-charge regarding the capacity required/needed will be final. However, the capacity of each godown shall not be less than 20 tonnes.
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 key 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 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 satisfaction test results have been received. The contractor shall supply free of charge the cement required for testing. The cost of tests shall also be borne by the contractor.
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. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without 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 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.
8. For non-schedule items, the decision of the Superintending Engineer or successor thereof regarding theoretical quantity of cement which should have been actually used shall be final and binding on the contractor.

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 a irrevocable Bank Guarantee for Rs._____ (Rupees _____ only) as 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 to 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 thereunder 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 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 Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid upto _____ unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs._____ (Rupees_____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the _____ day of_____ for_____. (indicate the name of Bank)

SPECIAL CONDITIONS (REPAIR WORKS)

1. The Special repair work as per relevant items has to be carried out in a multi storied building / residential building/ an occupied office building with occupants and the contractors shall quote his rates after studying the site conditions. All precautions for least inconvenience to occupants shall be done by contractor.
2. All bye laws laid down by RMC and any other local bodies while executing the work shall be adhered at no extra cost. All taxes / levies payable to BMC and other local bodies shall be borne by Contractor. All traffic restrictions notified by local authorities shall be adhered at no extra cost.
3. All precautions not to damage the Government property shall be taken by the contractor. If any damage is caused to any structure etc. the same shall be made good by the contractor at his cost to the satisfaction of Engineer-in-charge.
4. Double bamboo scaffolding with PVC sheet / GUNNY cloth covering shall be provided for full height of the structure with proper stitching etc. to prevent any rubbish etc. falling outside while demolishing guniting and plastering etc. All windows/doors/ventilators/RCC jali/openings shall be covered by plywood / G.I. sheets properly in advance while doing work. All glass panes if broken shall be made good at no extra cost.
5. All warning board displays such as REPAIR WORK IN PROGRESS, KEEP AWAY FROM BUILDING, NO PARKING etc. along with sufficient supervisory staff on ground shall be provided at no extra cost.
6. Water and electricity shall be arranged by Contractor. All required chemicals shall be got approved and deposited with the departmental Supervisory staff. Day-to-Day account for receipt / issue etc. as per standard practice shall be followed.
7. The site of work shall always be kept neat and clean and all building rubbish shall be periodically removed from the premises to avoid nuisance to occupants.
8. The area of dismantling / guniting / replastering / repairing as per relevant items etc. given in the tender may be got done in patches at different heights / levels also, for which no extra claim will be entertained.
9. Lifting of materials such as cement, sand, wooden planks etc. through staircase / lift is prohibited. No mixing of mortar / cement concrete etc. over the open terrace / flooring shall be permitted. Arrangements as deemed fit shall be made by contractor for mixing / lifting all materials etc. at no extra cost.
10. Adequate support to the structural members/building shall be ensured by the Contractor before carrying out the structural repairs. Nothing extra shall be paid on this account. If any damage is caused to any member/building etc., the same shall be made good by the Contractor at his cost to the satisfaction of the Engineer-in-charge.

ANNEXURE – I

List of Equipment

The contractor shall have the following field-testing instruments and equipment's for checking of quality of work at field by him & by the officers of department.

Field Testing Instruments

(i) Steel tapes - 3 m /30 meters
(ii) Vernier Calipers (one number digital)
(iii) Micrometer Screw 25 mm gauges (one number digital)
(iv) Good quality plumb bobs, Hammer 1lb & 2lb
(v) Spirit levels minimum 60 cms long with 3 bubbles for horizontal vertical
(vi) Wire gauge (circular type) disc.
(vii) Foot rule ,
(viii) Long nylon thread
(ix) Screw driver 30 cms long
(x) Ball pen hammer, 100 gms
(xi) Plastic bags for taking samples
(xii) Coat meter for Galvanizing and painting.
(xiii) Magnifying Glass
(xiv) Leveling machine(digital)

For Field Testing Laboratories

(1) Balances:-
(a) 7 kg to 50 kg. Capacity, Semi-self indication type-Accuracy 10 gm
(b) 500 gm. Capacity, Semi-self indicating type Accuracy 1 gm
(c) Pan Balance – 5 Kg. Capacity, accuracy 10 gm.
(d) Dial type spring balance preferable with zero correction knob capacity 100 kgs. Reading to ½ kg

(2) Equipment for Slump test – Slump cone, steel plate, tampering rod, steel scale, scoop.
Dial gauges 25 mm travel - 0.01 mm/division. (least count)
Sets of sieves of 20mm internal dia for fine aggregate [4.75mm; 2.36mm; 1.18mm; 600 microns; 300 microns & 150 microns, with lid and pan]
Sieve shaker capable of 200mm and 300 mm dia. Sieve, manually operated with timing switch assembly.

SCHEDULE OF QUANTITY

Name of Work :- Setting up of 10 KW VHF FM Solid State Broadcast Transmitter at Jagdalpur (CG).
Sub Head :- Painting Of 100 mtr. FM 10 KW Self Supported Steel Tower Located at Akashwani Transmitter campus, Marenga, Jagdalpur (C.G.)

NIT NO. : 22/EE(C)/CCW/AIR/BPL/2026-27

SLNo	Description	Qty	Unit	Rate	Amount	DSR 2023	
1	Painting of 100 meter high steel tower (self supported) along with associated accessories like ladder, railing, cable trays Horizontal and vertical trays upto transmitter including every metal part etc. with two or more coats of synthetic enamel paint of approved colour shade, brand and manufacture to give and even shade as per Aviation requirement and CPWD specification 2019* Vol I & II including scrapping of old / loose paint materials and priming coat of etch primer and a coat of zinc chromate yellow primer all complete. It includes labour insurance must be required as per the direction of Engineer-in charge (Rate inclusive of all materials and labour involved and Insurance of labour, Scrapping, priming & painting all taxes etc. and nothing extra shall be paid.)	1.00	job	703002.63	703003.00		A/R Based on DSR-2023
2	Tightening of the nuts/bolts and replacing the Slip/damaged or missing nuts/bolts of the tower structure as per actual requirement complete (Tightening of nut & bolts by Click-Type Torque Wrench), as per direction of Engineer-in-Charge.	1.00	job	30000.00	30000.00		MR

SLNo	Description	Qty	Unit	Rate	Amount	DSR 2023	
3	Video Shooting of complete tower of height 100 mtr on all four sides with the help of drone camera in three steps... (1) At starting (2) After Priming Coat. (3) After satisfactory completion of painting complete as per direction of Engineer-in-Charge.	1.00	job	30000.00	30000.00		MR
	Total				**763003.00**		
	MODIFIED ESTIMATE COST AFTER USING CORRECTION FACTOR ON DSR 2023 ON ACCOUNT OF GST @ 0.973 (i.e. 703003 * 0.973 = 684022 + 60000 (MR) = 744022)				**744022.00**		
	ESTIMATED COST Rs.				**7,44,022.00**		

EXECUTIVE ENGINEER (CIVIL)