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PRASAR BHARATI
(INDIA'S PUBLIC SERVICE BROADCASTER)
OFFICE OF THE EXECUTIVE ENGINEER (CIVIL)
CIVIL CONSTRUCTION WING: ALL INDIA RADIO
TV STUDIO COMPLEX, JHALANA DOONGRI, JAIPUR-4

NIT NO.: 05/2023-24/EEC/JPR/UDP

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminium doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing mumtys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. Sh:-Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

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This NIT amounting to **Rs. 735031.00** contains **page 1 to 70** as above .

EXECUTIVE ENGINEER (CIVIL)

AEC(P)

ASW(C)

Prasar Bharati

(India's Public Service Broadcaster)

Civil Construction Wing: All India Radio

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

The Executive Engineer (C), Civil Construction Wing, All India Radio Jaipur on behalf of the President of India invites online **percentage** rate bids from approved and eligible contractors of CPWD and those of appropriate list of M.E.S., BSNL, Railway, Department of Post and Rajasthan State PWD (B&R) and **specialized firms of waterproofing (C-1)** for the following work:

S. No.	NIT No.	Name of work & Location	Estimated Cost put to bid	Earnest Money	Period of Completion	Last Date & time of submission of bid.	Time & Date of opening of bid
1	2	3	4	5	6	7	8
1	05/2023-24/EEC/JPR/UDP	Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. SH-1:- Distemping in ADE Room, HOP Room and aluminium doors in ADE Room & Gents toilet for AIR at Udaipur. SH-2:- Repairing muntys in radio colony & grassing with doob in studio premises for AIR at Udaipur. SH-3:- Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. SH-4:- A/R & M/O of all building structures at AIR, Udaipur during 2022-23. SH-5:- Day to day maintenance. SH-5:- Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.	Rs. 735031.00	Rs.14701.00	03(Three) months	Up to 2300 Hours on 04.09.2023	At 1100 Hours on 05.09.2023

Addition.....Nil
Deletion.....Nil
Correction.....ONE
Overwriting.....Nil

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1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on 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> free of cost.
4. But the bid can only be submitted after depositing Processing Fee in favour of **C1 India Pvt. Ltd.** and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of respective Executive Engineer and other documents as specified.
5. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
6. The intending bidder must have valid class-III digital signature to submit the bid .
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
10. SC/ST contractors enlisted under class V category of CPWD are exempted from processing fee payable to **C1 India Pvt. Ltd.**

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

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

1. Treasury Challan/Demand Draft/Pay Order or Banker's Cheque/Deposit at Call Receipt/FDR/Bank Guarantee of any Scheduled Bank against EMD (Valid till validity of bids).
2. Valid enlistment order of the Contractor.
3. Certificate of similar work experience
4. GST registration Certificate of the state in which the work is to be taken up, if already obtained by the bidder

If the bidder has not obtained GST registration in state in which work is to be taken up, or as required by GST authorities, than in such a case the bidder shall scan and upload following undertaking along with other bid documents.

"If work is awarded to me, I/we shall obtain GST registration Certificate of state, in which work is to be taken up within one month from date of receipt of award letter or before release of any payment by CCW, AIR, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by CCW, AIR or GST department in this regard."

5. Partnership deed or registered Memorandum & Article of Association if required (Which ever applicable).
6. Affidavit as per Clause 9 of CPWD-6 in standard format provided in NIT on Rs. 100.00 (minimum) Non- Judicial stamp paper duly attested by Notary Public after the date of uploading of tender on tender wizard site.
7. Power of attorney in the name of authorized partner/representative for tendering.

EXECUTIVE ENGINEER (CIVIL)

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

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

1. The successful bidder shall be required to submit a Performance Guarantee of **3% (Three percent)** of the contract amount within a period of issue of letter of acceptance as specified in Schedule 'F'. This period can be further extended by Engineer- in Charge as specified in Schedule 'F' on written request of the contractor.
2. The enlistment of the contractors should be valid on the last date of submission of tenders.
3. The contractor shall have to execute guarantee bonds in respect of water proofing works as per Performa in bid document.
4. Goods and Service Tax, Purchase tax, Turn over tax, Excise duty, Work contract tax, Building and Other Construction Workers Cess or any other tax on materials as applicable shall be paid by the contractor himself. The contractor shall quote his rates considering all such taxes.
5. List of testing equipment which are mandatory at site is given in clause 10A under schedule F.
6. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the Department (CCW, AIR) 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.
7. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.
8. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
9. When tenders are invited in three-bid system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
10. In case amount of tender processing fee shown by this office and **C1 India Pvt. Ltd.** (Tender hosting site) differs, the intending Contractor has to pay tender processing fees shown by **C1 India Pvt. Ltd.**

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

INSTRUCTIONS TO BIDDER – ONLINE MODE**DEFINITIONS:-**

- **C1India Pvt. Ltd.:-** Service Provider to provide the e-Tendering Software.
- **Prasar Bharati e-Procurement Portal:** An e-Tendering Portal of Prasar Bharati introduced for the process of e-Tendering which can be accessed on <https://prasarbharti.eproc.in>.

1. ACCESSING / PURCHASING OF BID DOCUMENTS:

(a) It is mandatory for all the bidders to have Class-III Digital Signature Certificate (With both DSC Components, i.e. Signing & Encryption) from any of the licensed Certifying Agency under CCA, Ministry of Electronics and Information Technology, Government of India to participate in e-tendering portal of Prasar Bharati. Bidders can see the list of licensed CA's from the link www.cca.gov.in CI India Pvt. Ltd. also facilitate Class III Digital Signature Certificate (With Both DSC Components, i.e. Signing & Encryption) to the bidders. Bidder may contact C1 India Pvt. Ltd. at mobile no +91-8130606629 for DSC related queries or can email at vikas.kumer@c1india.com.

(b) To participate in the e-bid, it is mandatory for the Applicants to get themselves registered with the Prasar Bharati e-Tendering Portal (<https://prasarbharati.eproc.in>) to have a user ID & Password which has to be obtained by submitting a non-refundable annual registration charges of Rs. 450/- plus 18% GST through online mode (net banking/debit card/credit card). Validity of Registration is 1 year.

(c) The amendments / clarifications to the tender, if any, will be posted on the Prasar Bharati e-Tendering Portal (<https://prasarbharati.eproc.in>).

(d) To participate in bidding, bidders have to pay Tender Processing Fee of Rs. 475/- (PLEASE MENTION) plus 18% GST (Non-refundable) per Tender per Bid through online mode (net banking/debit card/credit card).

(e) The Bidder may modify or withdraw their bid after submission prior to the Bid Due Date. No Bid shall be modified or withdrawn by the Bidder after the Bid Due Date and Time.

(f) Both 'EMD' and 'Tender Document Fee', if any, are mentioned in individual tender document published at Prasar Bharati e-Tendering Portal (<https://prasarbharati.eproc.in>).

(g) For helpdesk, please contact e-Tendering Cell and Help Desk Support Monday to Friday Ph: **0124-4302033/36/37, prasarbharatisupport@c1india.com**.

(h) It is highly recommended that the bidders should not wait till the last date of bid submission to avoid complications like internet connectivity issue, network problems, system crash down, power failure, browser compatibility issue, system compatibility issue, improper digital signature certificate problem etc. In view of this context, neither Prasar Bharati nor C1 India Pvt. Ltd. will be responsible for such eventualities.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

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Civil Construction Wing, All India Radio**Notice Inviting e-Tenders**

The Executive Engineer ©, **Civil Construction Wing: All India Radio, Jaipur** invites on behalf of President of India online **percentage** rate bids on single bid system for following work:

NIT No. 05/2023-24/EEC/JPR/UDP

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminium doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing mumtys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. Sh:-Day to day maintenance.. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

Estimated Cost: Rs. 735031.00

Earnest money: Rs. 14701.00

Period of completion: 03(Three) Months

Last Date & time of submission of bid: up to 2300 HRS. On 04.09.2023

Time and Date of opening of bid: At 1100 HRS. On 05.09.2023

The bid forms and other details can be obtained from the website: <https://prasarbharati.eproc.in>. The tender notice is also available on www.eprocure.gov.in.

**Executive Engineer (C),
CCW, AIR, Jaipur-302004**

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

PRASAR BHARATI
[INDIA'S PUBLIC SERVICE BROADCASTER]
OFFICE OF THE EXECUTIVE ENGINEER (CIVIL)
CIVIL CONSTRUCTION WING : ALL INDIA RADIO
TV STUDIO COMPLEX, JHALANA DOONGRI,
JAIPUR-302 004

CPWD-6 FOR e-Tendering

Percentage rate bids are invited for and on behalf of the President of India from approved and eligible contractors of CPWD and those of appropriate list of M.E.S., BSNL, Railway, Department of Post and Rajasthan State P.W.D. (B&R) **and specialized agencies of waterproofing (C-1)** for the work :

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distemping in ADE Room, HOP Room and aluminium doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing mumtys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. **Sh:-** Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

- The last time and date of submission of e bid is upto **2300 HRS on 04.09.2023**
- The enlistment of the contractors should be valid on the last date of online submission of Bids.
- In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

1.1 The work is estimated to cost **Rs. 735031.00** this estimate, however, is given merely as a rough guide.

Criteria of eligibility for submission of bid documents

1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below. **The tenderer shall submit attested copy of experience certificate in prescribed format in NIT issued by officer not below the rank of Executive Engineer in case of Government and similar organizations. In case of private works the experience certificate should have been issued by Proprietor himself or partner in case of Partnership firm or Director in case of Private limited Company or Project Manager in case of Limited Company. In case of experience certificate furnished for private works, it shall be valid only if it is accompanied by proper Income Tax TDS certificate.**

1.2.1 Three similar works (similar works means **building work having waterproofing items also (C-2)/repair/renovation/road work/water proofing (C-3)**) works each of value not less than **40%** OR two works each of value not less than **60%** OR one work of value not less than **80%** of estimated cost put to tender in the last 7 years ending last day of the month previous to the one in which tenders are invited.

Addition.....Nil
 Deletion.....Nil
 Correction.....Three
 Overwriting.....Nil

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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 receipt of bid.

This notice may also be seen at website <https://prasarbharati.eproc.in> in free of cost.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD- 7** which is available as a Govt. of India Publication and also available on **website www.cpwd.gov.in** Bidder shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.

3. The time allowed for carrying out the work will be **03(Three Months)** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

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

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

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 on website <https://prasarbharati.eproc.in> free of cost.

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

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

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

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

9. Earnest Money can be paid in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt [drawn in favour of Executive Engineer(C), Civil Construction Wing, All India Radio, Jaipur-302 004] shall be scanned and uploaded to the e-tendering website within the period of bid submission. A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 Lac, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled bank having **validity till validity of tenders or** more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The physical EMD of the scanned copy of EMD uploaded shall be deposited by the lowest bidder within a week after opening of financial bid failing which the bid shall be rejected and enlistment of the agency shall be withdrawn by the enlisting authority. The agency shall be debarred from tendering in CCW, AIR.

The following undertakings (one no.) in this regard shall be uploaded by the bidders as additional document as affidavit on non judicial stamp paper of Rs. 100/- duly notarized.

1. The physical EMD shall be deposited by me/us with the Executive Engineer calling the tender in case I/we become the lowest tenderer within a week of the opening of the financial bid otherwise the department (CCW/AIR) may reject the tender and take the action to debar me/us from tendering in CCW, AIR for a period of three years and can write to the competent authority for cancellation of my/our enlistment.

2. The certified copy of all the scanned and uploaded documents specified in the notice inviting tender shall be deposited by me / us with the Executive Engineer calling the tender and Original papers of the uploaded documents shall be shown for verification to the Executive Engineer calling tender in case I/We become the lowest tenderer within a week of the opening of the financial bid otherwise the department (CCW, AIR) may reject the Tender and take the action to debar me/us me/ us from Tendering in CCW, AIR for a period of three years and can write to the competent authority for cancellation of my/our enlistment.

Interested contractor who wish to participate in the bid has also to make following payments

(i) e-Tender Processing Fee – **561.00** shall be payable to **C1 India Pvt. Ltd.** through their e-gateway by credit/debit card, internet banking or RTGS/NEFT facility

Online bid documents submitted by intending bidders shall only be opened only of those bidders, whose documents scanned and uploaded are found in order.

The bid submitted shall be opened at **1100 hours on 05.09.2023.**

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents as stipulated in the bid document including the undertaking about deposition of physical EMD of the scanned copy of EMD uploaded.
- (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
- (iv) 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.
- (v) The lowest bidder does not deposit physical EMD within a week of opening of bid.

11. The contractor whose bid is accepted will be required to furnish performance guarantee of **3% (Three 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 Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

The Contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOWC Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub contractor for the said work and Programme Chart (Time and Progress) within the period specified in schedule F.

12. The description of work is as follows:

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminum doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing muntys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gatein Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. Sh:-Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

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

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

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A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.

Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and Specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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

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

15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to bid for works in the CCW AIR Circle 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 gazetted officer in the CCW AIR in the Ministry of Information and 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 prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

18. The bid for the works shall remain open for acceptance for a period of **thirty days from the date of opening of bids in case of single bid system**. If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid 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 bidders shall not be allowed to participate in the bidding process of the work.

19. This notice-inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

a) The Notice Inviting Bid, all the documents including additional conditions, Specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted 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**.

20. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and 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.

21. The bid document will include following two components:

Part A:- CPWD-6, **CPWD- 7** including schedule A to F, Contract Clauses,

Part B:- Conditions for cement, Steel, form of performance security (Guarantee) Bank Guarantee Bond, additional conditions, General rules and directions, Guarantee bond for water proofing treatment and schedule of quantities.

22. The contractor whose bid is accepted will also be required to furnish either copy 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.

23. In Case where Clause 7A is applicable

A. No Running Account Bill shall be for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

24. The bidder must upload all documents for eligibility clearly legible, if any uploaded document found to be illegible, the financial bid of such bidder shall not be opened.

25. Royalty on minerals shall be recovered/adjusted from each RA bill and final bill at latest rate prescribed by Government of Rajasthan, Mines Department Circular dated 15.11.2011, 18.10.2012, 09.01.2013 and other relevant Circulars. Other provision of these Circulars shall also be applicable to this work.

EXECUTIVE ENGINEER [CIVIL]

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AEC(P) ASW(C)

Approved for **Rs. 735031.00 (Rupees Seven Lakh Thirty Five Thousand & Thirty One Only.)**

EE (Civil)

CPWD – 7

[INDIA'S PUBLIC SERVICE BROADCASTER]
CIVIL CONSTRUCTION WING ALL INDIA RADIO
TV STUDIO COMPLEX, JHALANA DOONGRI
JAIPUR-04

STATE: RAJASTHAN
BRANCH: CCW, AIR
ZONE: NORTH ZONE

SUB-DIVISION: Udaipur
DIVISION: JAIPUR
CIRCLE: NEW DELHI-III

Percentage Rate Tender & Contract for works

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminium doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing muntys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. **Sh:-** Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

Last date and time of submission of online tender: Upto **2300** hours on. **04.09.2023**

(i) To be opened in presence of tenderers who may be present **at 1100** Hours on **05.09.2023** in the Office of the Executive Engineer, Civil Construction Wing, All India Radio, Doordarshan Kendra, Jhalana Doongri, Jaipur-302 004

TENDER

I / We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Standard of Acceptance Form, Special conditions for cement and steel, Form of Performance Guarantee, Form of Earnest Money (Bank Guarantee) and Schedule of quantities provided in the tender document for the work.

I / We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the Specifications, designs, drawings and instructions in writing 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. We agree to keep the tender open for **thirty (30) days** from the due date of it's opening in case of single bid system and not to make any modifications in its terms and conditions.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

A sum of **Rs. 14701.00** is hereby forwarded in cash/ receipt treasury challan / deposit at call receipt of a scheduled bank / fixed deposit receipt of a 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.

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 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 AIR in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated.

Signature of Contractor
Postal Address:

Witness:

Address:

Occupation:

ACCEPTANCE

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

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

i)

ii)

For & on behalf of the President of India
Signature Date Designation

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AEC(P)

ASW(C)

PROFORMA OF SCHEDULES**SCHEDULE 'A'**

Schedule of quantities. See **page 55 to 70** and page containing Contractors quoted rates
SCHEDULE 'B'

Schedule of materials to be issued to the Contractor:

S. No.	Description of Item	Quantity	Rate in figures & Words at which the material will be charged to the contractor	Place of Issue
	NIL			

SCHEDULE 'C'

Tool and plants to be hired to the Contractor

S. No.	Description	Hire charges per day	Place of Issue
	NIL		

SCHEDULE 'D'

	Extra schedule for specific requirement/document for the work, if any.	Nil
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SCHEDULE 'E'

Reference to General Conditions of contract	CPWD GCC 2020 Maintenance work with up to date correction slips (GCC-2020 amended upto con. Circular DG/Con/313.

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminum doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing mumtys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. **Sh:-** Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

Estimated cost of work (Civil)	Rs. 735031.00
Earnest money (2% of Estimated Cost put to Tender)	Rs. 14701.00 (to be returned after Receiving performance guarantee)
Performance Guarantee	3% of tendered value
Security Deposit	2.5% of tendered value + 5 % of gross amount of Water proofing work items.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P)

ASW(C)

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender :Executive Engineer (Civil), Civil Construction Wing, All India Radio, Jaipur-4

Definitions:

2(v) Engineer-in-charge	Executive Engineer (C), Civil Construction Wing, All India Radio, Jaipur-4
2(viii) Tender Accepting Authority	Executive Engineer (C)/ Superintending Engineer(C)-III/ Chief Engineer, CCW, AIR as the case may be
2(x) Percentage on cost of materials and labour to cover all overheads and profits	15 %
2(xi) Standard Schedule of Rates	CPWD Delhi Schedule of Rates 2021 amended up to last date of receipt of tender
2(xii) Department	Civil Construction Wing, All India Radio
9(ii) Standard CPWD contract form	GCC 2020 CPWD form 7 with up to date correctioin slips.

Clause 1

i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance	15 days
ii) Maximum allowable extension with late fee @0.1% per day of performance Guarantee amount beyond the period provided in (i) above	15 days

Clause 2

Authority for fixing compensation under clause 2	Superintending Engineer©, CCW, AIR, New Delhi
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Clause 2A

Whether clause 2A shall be applicable	No
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Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start	15 days or from the date of handing over of site whichever is later
Applicable clause 5/5A	5A

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P)

ASW(C)

Mile stones as per table given below :

Table of Mile Stone (s)

S.No.	Description of Milestone (Physical)	Time allowed in Months (from date of start)	Amount to be withheld in case of non achievement of milestone Rs.
1	Procurement of materials	One	7000.00
2	Completion of Work	three	7000.00

Time allowed for execution of work	03(Three) months
Authority to decide	
(i) Extension of time	Engineer-in-Charge
(ii) Rescheduling of mile stones	Superintending Engineer(C), CCW, AIR
(iii) Shifting of date of start in case of delay in handing over of site to contractor	Superintending Engineer(C), CCW, AIR
Clause applicable (6 or 6A)	6
Clause 7- Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Rs.5.00 lakh or tendered amount whichever is less.
Clause 7A Whether Clause 7A shall be applicable	NO

Clause 10 A

List of testing equipment to be provided by the contractor at site lab. :

1. Steel tapes – 3m	2. Plumb bob	3. Micro meter screw 25mm gauge
4. Vernier Calipers	5. Sprit level	6. Wire gauge (Circular Type) disc, screw driver, Ball pin, Hammer.

Clause 10B (ii)-	Whether Clause 10B (ii) shall be applicable	No
Clause 10C	Component of labour expressed as percent of value of work for clause 10C	25%

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

Clause 10 CC	<i>Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column</i>	12 months
Clause 11-	<i>Specifications to be followed for execution of work</i>	CPWD Specifications 2019, Vol. I & II with correction slips upto last date of receipt of tender
Clause 12-	<i>(A) Authority to decide deviation up to 1.50 times of tendered amount</i>	Superintending Engineer(C)

	Description	Maintenance works
12.2 & 12.3	Deviation Limit beyond which Clause 12.2 & 12.3 shall apply for works above plinth level.	50%
12.5	(i) Deviation Limit beyond which Clause 12.2 & 12.3 shall apply for foundation work(except earth work sub head)	50%
12.5	(ii) Deviation limit beyond which Clause 12.2 & 12.3 shall apply for items in earth work subhead of DSR or related items	50%

Clause 16-	Competent Authority for deciding reduced rates	Upto 5% of contract value by Superintending Engineer(C) and beyond 5% with the approval of Chief Engineer, CCW, AIR as the case may be
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Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

Clause 18

List of Mandatory machinery tools & plants to be deployed by the contractor at site :

1. Steel shuttering	3. concrete mixers of full bag capacity (2 nos.)	5. Beam vibrator -1 No.	7. Mortar mixer -2 nos.
2. Steel prop	4. Needle vibrator (3-oil, 3-electric)	6. Slab vibrator-2 Nos.	

C-1

Clause 25: Constitution of Dispute Redressal Committee:

Comprises of Committee	Claims upto RS.25 lakhs	Claims above Rs.25 lakhs
Chairman	Superintending Engineer (TRAINING) , CCW, AIR, New Delhi	Chief Engineer (Civil), CCW, AIR, New Delhi
Member	Two Executive Engineer (Civil), CCW, AIR, Nominated by the department.	Superintending Engineer (TRAINING) , CCW, AIR, New Delhi
Presenting Officer	Executive Engineer (Civil), Jaipur.	Superintending Engineer (Civil), CCW, AIR, Metro Circle.

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

S. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience (Years)	No s.	Rate at which recovery per month shall be made from the contractor in the event of not fulfilling provisions of Clause 36 (i)	
						Figures Rs.	Words
1	Graduate Engineer	Civil	Site/ Billing Engineer	2	0	Rs.15,000.00	(Rs. Fifteen Thousand Only)
	OR						
	Diploma Engineer	Civil	Site/ Billing Engineer	5	0	Rs.15,000.00	(Rs. Fifteen Thousand Only)

Assistant Engineers retired from government service who are holding Diploma will be treated at par with graduate engineers. Diploma holder with minimum 10 years relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Addition.....Nil
Deletion.....Nil
Correction.....ONE
Overwriting.....Nil

AEC(P) ASW(C)

Clause 42

i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of	CPWD Delhi Schedule of Rates 2021 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.5 Lakhs	3% plus / minus
For works with estimated cost put to tender more than Rs.5 Lakhs	2% plus / minus
b) Bitumen All works	2.5 % plus only nil on minus side
c) Steel Reinforcement and structural steel sections for each diameter section and category	2% plus/minus
d) All Other materials	NIL
NIT approving authority	Executive Engineer (Civil)

Recovery rates for quantities beyond permissible variation

Sl. No.	Description of Item	Rates in figures and words at which recovery shall be made from Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
		NIL	Less use not permissible

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

SCHEDULE - F : SECURITY DEPOSIT

A sum @ 2.5% of the gross amount of the bill shall be deducted from each running/final bill of the contractor till the sum deducted will amount to Security Deposit of 2.5% of the tendered value of the work (Bank guarantee is not to be accepted as security deposit).

Performance Guarantee:-

- (i) The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 3% (Three Percent) of the tendered amount in addition to other deposit mentioned elsewhere in the contract for his proper performance of the contract agreement, (notwithstanding and / or without prejudice to any other provisions in the contract) within period specified in schedule F from the date of issue of letter of acceptance. This period can be further extended by the Engineer –in- Charge up to a maximum period as specified in schedule F on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs.10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand draft of any scheduled bank/Pay order of any scheduled bank (in case 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 form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.
- (ii) A letter of acceptance shall be issued in the first instance informing the successful tenderer of the decision of the competent authority to accept his tender and the award letter shall be issued only after the performance guarantee in any of the prescribed form is received. In case of failure by the contractor to furnish the performance guarantee within the specified period, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.
- (iii) The performance Guarantee shall be initially valid up to the stipulated date of the completion plus 60 days beyond that. In case the time for completion of work get enlarged, the contractor shall get the validity of performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor without any interest.
- (iv) The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the President of India is entitled under the contract (notwithstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:-

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

- a) Failure by the contractor to extend the validity of the performance Guarantee as described herein above, in which events the Engineer-in-Charge may claim the full amount of the performance Guarantee.
- b) Failure by the contractor to pay President of India any amount due, either as agreed by the contractor or determined under any of the clauses/ conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
- (v) In the events of the contract being determined of rescinded under provision of any of the clause/ condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the President of India.

Whether following clause is applicable: Yes, including extra/substitute items

Refund of Security Deposit regarding specialized items of work i.e. for schedule items covered under respective sub head in DSR:

1. For specialized items of work such as **anti-termite treatment**, water proofing work, kiln seasoned and chemically treated wooden shutters etc., and partly included specialized items, in addition to security deposit deducted at the rate specified in schedule F, an additional security deposit @5 % of gross amount of items of work such as anti-termite treatment, water proofing work, kiln seasoned and chemically treated wooden shutters etc., and partly included specialized items shall be deducted from the bills of the contractor[s], which shall be refunded after expiry of guarantee period in accordance with terms of the contract in this behalf only in case defects are removed satisfactorily by contractor during guarantee period.
2. In case work is carried out as extra item or substitute item, these provisions shall also be applicable.
3. Guarantee bond for specialized items of work such as anti-termite treatment, water proofing work, painting, kiln seasoned and chemically treated wooden shutters etc., and partly included specialized items shall be submitted by the contractor on stamp paper of Rs. 100/- before final bill is paid.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

FORM OF PERFORMANCE SECURITY (GUARANTEE) BANK GUARANTEE BOND

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between.....and.....(hereinafter called" the said contractor(s) for the work (hereinafter called "the said agreement) having agreed to production of 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 (indicate the name of the Bank) Undertake to pay to the Government an amounting not exceeding Rs.....(Rupeesonly) on demand by the Government.

2. Wedo hereby under take to pay the mounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to that recoveries due or likely to be due from the contractor(s). Any such demand made on the Bank shall be conclusive as regard 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.....(Rupeesonly).

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 therein under and the contractor(s) shall have no claim against us for making such payment.

4. We.....further agree that the guarantee herein (indicate the name of the bank) 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.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

5. We.....further agree with Government that (indicate the name of the Bank)
The Government shall have the fullest liberty without our consent and without effecting in any manner our obligations 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 forebear 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 to the 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 Bank or the contractor(s).

7. Welastly undertake not to revoke this (indicate the name of the Bank)

8. This guarantee shall be valid up tounless extended on demand by Government. Notwithstanding anything mentioned above, our liabilities 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).

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

ADDITIONAL CONDITIONS

1. Contractors shall co-ordinate and co-operate with the other agencies e.g. electrical & authorized representative of local bodies for construction of their respective items of work being executed simultaneously in the same building.
2. The contractor shall give to the municipality, police and other local authorities all notices etc. that may be required by law and obtain all requisite license, permission for temporary construction that may be required for execution of work, obstruction in public places and pay all fines, taxes and charges which may be liable on account of their operation in executing the contract. They shall make good any damage to adjoining property whether public or private and shall supply and maintain any light [either for illumination or for cautioning the public] required at night.
3. Electricity charges shall be deducted @ 1% from gross amount of work done in case electricity is provided by department. The department shall provide electricity connection at one point and the contractor shall make further arrangement. The department is not bound to provide electricity and contractor will have to make his own arrangement, in such cases no claim from contractor shall be entertained in this regard. The decision of Engineer-in-charge shall be final and binding to Contractor.
4. The contractor shall provide adequate lighting arrangement as approved by the Engineer-in-Charge for carrying out the works during night times when required and also provide all other facilities for the labour employed to carry out the works without any extra charge. Necessary lighting as directed by the Engineer-in-Charge shall also be provided by the contractor without any extra charges for yard lighting as well as to cover the entire site including those required for safety and security reasons.
5. The contractor shall leave such recesses, holes, opening etc. as may be required for electrical and sanitary works. No extra payment shall be made to him on this account.
6. Wherever the work CPWD refers in the printed book of General Conditions of contract for Central PWD works, it may be read as CCW, AIR.
7. The work shall be carried out in such a manner complying in all respect with the requirements of the relevant bye-laws of the local bodies / bodies under the jurisdictions of which the work is to be executed. All notices to such bodies if required, shall be issued by the contractor with intimation to Engineer-in-Charge.
8. No payment will be made to the contractor for the damage caused by rain or other natural calamities during the execution of work and no such claim on this account shall be entertained.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

9. The schedule of quantities is based on **DSR 2021** [and market rate and BSR if any]. In case of any discrepancy in nomenclature of items/units of DSR items, the corrected DSR items and units shall be final.
10. **Building and Other Construction Worker Cess at prevailing rate shall be deducted from each running/final bill unless exempted and definite proof in regard submitted by the Contractor.**
11. The source of sand shall be approved by the Engineer-in-Charge. In case of non availability of good quality of sand in the area "Banas river sand" would be allowed to use.
12. In case of works to be executed in technical area and aerial field of Transmitters, work shall have to be carried out during non transmission/recording hours when studio/Transmitter is switched off. The tenderers may tender the rates accordingly and nothing extra shall be allowed on this account.
13. In case running bill and final bill payment is made through RTGS, RTGS bank charges shall be borne by the contractor.
14. In case of APP water proofing treatment work, the APP treatment shall be tested for water proofing by flooding with water for minimum seven days before protective layer is applied. All arrangement shall be made by contractor and nothing extra shall be paid on account of this.
15. **Deductions if any can be effected from bill as per GST Act**
16. **Designing of design mix concrete may be exempted on request of Contractor on submission of design mix of reputed RMC plant already using the required design mix for stipulated RMC. No cost adjustment shall be made in quoted rate for more or less use of Cement and admixtures stipulated in respective item. This supersedes any other provision in agreement in this regard.**
17. **The agency should quote the rates inclusive of all taxes (i/c G.S.T.as per rules). The Contractor's liability towards GST is 18% in this tender.**
18. **For CPWD DSR- 2021 items no. (13.112.1, 13.48A and 13.47.1):-
Contractor shall furnish a guarantee bond on non judicial stamp amounting to Rs. 100/- in standard format prescribed in this tender notice for painting work. 10% of gross value of these items shall be withhold from each running account and final bill, which shall be released after expiry of guarantee bond period of five years.
However 50% of such amount may be released after 3 years of date of completion of work period if no defects as mentioned in guarantee bond are noticed.**
19. **Payment would be made after receipt of Payment from client department.**

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

Special Conditions for NIT to comply directives of Hon'ble National Green Tribunal dt. 04.12.2014 & 10.04.2015 and EIA Guidance Manual issued in February 2010.

The following guidelines shall be observed by contractors and the rates tendered by contractors shall be inclusive of these guidelines and nothing extra shall be paid on account of same.

1. The contractor shall not store/dump construction material or debris on metalled road.
2. The contractor shall get prior approval from Engineer-in-Charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
3. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot /area using CGI sheets or plastic and/or other similar material to ensure that on construction material dust fly outside the plot area.
4. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicles are properly cleaned and dust free to ensure that ensure their destination, the dust, sand or any other particles are not released in air/ contaminate air.
5. The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
6. The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
7. The contractors shall ensure that C&D waste is transported to the C & D Waste site only and due record shall be maintained by the contractor.
8. The contractor shall compulsory use of wet jet in grinding and stone cutting.
9. The contractor shall comply all the preventive and protective environmental steps as stated in the MOEF guidelines, 2010.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

10. The contractor shall carry out on-Road Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
11. The contractor shall ensure that all DG sets comply emission norms notified by MOEF.
12. The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.
13. The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

GENERAL RULES & DIRECTIONS

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in News papers as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the application and the amount of the security deposit and Performance guarantee to be deposited by the successful tenderer and the percentage. If any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners or by some other persons having due authority to give effectual receipts for the firm.

4{A} Applicable for Percentage Rate Tender only – C.P.W.D. – 7]:

In case of Percentage Rate Tenders, tenderers shall fill up the usual printed form, stating at what percentage below / above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-A, he will be willing to execute the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the words to which they refer, written on the envelopes.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

4. The Officer inviting tender or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-1. In the event of a tender being rejected, the earnest money shall thereupon be returned to the contractor remitting the same, without any interest.
5. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
6. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized cashier.
7. The memorandum of work tendered for and the schedule of materials to be supplied by the department and their issue rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
8. The tenderer shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.
- 9A Use of correcting fluid, any where in tender document is not permitted. Such tender is liable for rejection.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

10 A [Applicable for Percentage Rate Tender only (C.P.W.D – 7)].

In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy. However, if the contractor has worked out the amount of the tender and if any discrepancy is found in the percentage quoted in words and figures, the percentage which corresponds with the amount worked out by the contractor shall, unless otherwise proved, be taken as correct. If the amount of the tender is not worked out by the contractor or it does not correspond with the percentage written either in figures or in words, then the percentage quoted by the contractor shall be taken as correct. Where the percentage quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the percentage quoted by the contractor will, unless otherwise proved, be taken as correct and not the amount.

11. In the case of any tender where unit rate of any item / items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.

12.A [Applicable for Percentage Rate Tender only (C.P.W.D.-7) :

In Percentage Rate Tender, the tenderer shall quote percentage below / above (in figures as well as in words) at which he will be willing to execute the work

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

- 13 (i) The contractor whose tender is accepted, will be required to furnish performance guarantee of **3% [three percent]** of the tendered 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. 10,000/-) or Deposit at call receipt of any scheduled bank / Banker's cheque of any scheduled bank / Demand draft of any scheduled Bank / Pay Order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or government Securities or Fixed Deposits Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.
- (ii) The contractor, whose tender is accepted, will also be required to furnish by way of Security Deposit for the fulfillment of his contract @ specified in schedule F and other relevant para.
14. On acceptance of the tender, the name of the accredited representative[s] of the contractor who would be responsible for taking instructions from the Engineer – in – Charge shall be communicated in writing to the Engineer-in-Charge.
15. Goods and Service Tax, turnover tax or any other tax on material in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same.
16. The contractor shall give a list of both gazetted and non-gazetted CCW, AIR employees related to him.
17. The tender for composite work includes, in addition to building work, all over works such as sanitary and water supply installations drainage, installation electrical work
18. Horticulture work, roads and paths etc. The tenderer apart from being a registered contractor [B&R] of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

19. The contractor shall submit list of works which are in hand [progress] in the following form:

Name of Work	Name and particulars of Divn. Where work is being executed	value of work	position of works in progress	remarks
1.	2.	3.	4.	5.

20. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer / Executive Engineer may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
21. Royalty on minerals shall be recovered/adjusted from each RA bill and final bill at latest rate prescribed by Government of Rajasthan, Mines Department Circular dated 15.11.2011, 18.10.2012, 09.01.2013 and other relevant Circulars. Other provision of these Circulars shall also be applicable to this work.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

GUARANTEE BOND FOR WATER PROOFING TREATMENT

Name of work:

Agreement No:

This agreement made this ____ day of _____ between _____ (hereinafter called the Guarantor of one part) and the PRESIDENT OF INDIA (hereinafter called the Government 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 the GOVERNMENT of the other part, whereby the contractor inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak proof for 5 years from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be 5 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 fire wood 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 where by proofing treatment is removed in parts.
- [c] The decision of Engineer-in-Charge with regard to cause of leakage shall be final.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

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 at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from 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 Guarantor fails to execute the water proofing or commits breach there under then the Guarantor will indemnify the Principal and his successors 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 the Government, the decision of the Engineer-in-Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor:_____ and by the Executive Engineer [C], CCW, AIR, Jaipur and for and on behalf of the President of India on the day, month and year first above written.

SIGNED, SEALED AND delivered by the OBLIGER in the presence of:

1. _____

2. _____

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY THE Executive Engineer [C], CCW, AIR, Jaipur in the presence of:

1. _____

2. _____

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

GUARANTEE BOND FOR PAINTING**(Applicable for CPWD DSR 2021 Item No. 13.112.1, 13.48A & 13.47.1)****Name of work:****Agreement No:**

This agreement made this ____ day of _____ between _____ (hereinafter called the Guarantor of one part) and the PRESIDENT OF INDIA (hereinafter called the Government 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 the GOVERNMENT of the other part, whereby the contractor inter alia, undertook to render the **painted surface** of buildings and structures in the said contract recited completely **full proof against growth of algae and fungi, fading, flaking and peeling**.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said **painted surface** of structures will remain **full proof against growth of algae and fungi, fading, flaking and peeling** for 5 years from the date of **this guarantee bond**.

NOW THE GUARANTOR hereby guarantees that **painting** by him will render the **painted surface** of structures completely **full proof against growth of algae and fungi, fading, flaking and peeling** and the minimum life of such painting shall be 5 years to be reckoned from the date **of this guarantee bond**.

Provided that the guarantor will not be responsible for **poor performance of painted surface** caused by earthquake or structural defects or misuse of **painted surface** or alteration and for such purpose:

- [a] Alteration shall mean construction of an additional storey or a part of the construction adjoining to **building**.
- [b] The decision of Engineer-in-Charge with regard to cause of **poor performance of painted surface of building** shall be final.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found render the **painted surface full proof against growth of algae and fungi, fading ,flaking and peeling** to the satisfaction of the Engineer-in-Charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from 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 Guarantor fails to execute the **painting** or commits breach there under then the Guarantor will indemnify the Principal and his successors 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 the Government, the decision of the Engineer-in-Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor:_____ and by the Executive Engineer [C], CCW, AIR, Jaipur and for and on behalf of the President of India on the day, month and year first above written.

SIGNED, SEALED AND delivered by the OBLIGER in the presence of:

1. _____

2. _____

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY THE Executive Engineer [C], CCW, AIR, Jaipur in the presence of:

1. _____

2. _____

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

Conditions for Cement:-

- (1) The contractor shall procure 43 grade ordinary Portland cement conforming to IS 8112/Portland Pozzolana Cement conforming to IS: 1489 (Part-1) as required in the work from reputed manufacturers of cement such as ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement & J.K. Cement or from any other reputed cement Manufacturer having a production capacity not less than one million tonnes per annum as approved by Chief Engineer.
The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.
The supply of cement shall be taken in 50 kg. Bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so.
- (2) The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-charge.
The cement godown of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.
- (3) Double lock provision shall be made to the door of the cement godown, the keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of 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 satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The cost of tests shall be borne by the contractor.(attached circular no.DG/MAN/410 in this NIT/P-54)

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

- (5) The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to made.
- (6) The cement brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-charge.
- (7) The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

Special condition for steel reinforcement bars:-

Only ISI marked TMT Bars of various grades shall be procured from Steel manufacturer as per the following guidelines:

Credentials for eligibility criteria & other technical parameters for steel manufacturers:

The manufacturer should meet the following eligibility criteria:

- (a) The Steel manufacturer should have following documentary evidence:
 - i. Certificate of incorporation
 - ii. Memorandum of articles of Association
 - iii. Credit rating of the company from CARE/CRISIL/ICRA (the grading should not be C/D grade for minimum last 3 years)
- (b) The Steel manufacturer must have following licenses and certificates:
 - i ISI certificate for billets (IS 2830:2012)
 - ii ISI certificate for TMT Bars [IS 1786:2008 (Amendment-1 November 2012)]
- (C) The Steel manufacturer should also preferably have the following licenses:
 - i. ISO 9001:2015
 - ii. ISO 14001:2015
 - iii. OHSAS 18001:2007
- (d) The steel manufacturer should be using iron ore as the basic raw material. The entire gamut of iron and steel production is owned by the same company or its subsidiary company (ies) and the iron making capacity is sufficiently matching the steel making capacity, adopting any of the refining technologies for manufacturing steel & TMT Bars as given under are eligible:

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

- i. BF-BOF route
 - ii. COREX-BOF Route
 - iii. DRI-EAF Route (Each Electric Arc Furnace should be 100 MT or more)
- (e) Billets produced must be ISI marked (IS 2830:2012)
- (f) The TMT bars produced must be ISI marked (IS 1786:2008)
- (g) The steel manufacturer should have the following in house testing facilities (NABL Accredited):
- i. Computerized Universal Testing Machine
 - ii. Spectrometer
 - iii. Bend Re-bend facility as per IS :1786:2008 (Amendmnt-1 November 2012)
 - iv. Raw material laboratory : Arrangement for testing Carbon, Sulphur & Phosphorous etc.
 - v. Other testing facilities as specified in IS : 1786:2008 & IS : 2830:2012

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

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

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/MAN/414

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 27.12.2021


Subject : Guidelines regarding "Operation of Price Preference to Contractor belonging to SC/ST for Award of Contract" in respect of works in CPWD - Extension upto 31.12.2023.

Keeping in view this Directorate's OM No. DGW/MAN/392 dated 30.12.2019, the concession admissible to the contractors belonging to SC/ST has been reviewed by the Ministry of Housing & Urban Affairs and the same has been revised as under w.e.f. 01.01.2022

1. For works upto an estimated cost of Rs. 2.50 lakh, a price preference upto 5% (with reference to the lowest valid price bid) may be allowed in favour of Individual SC/ST contractor. In such cases, tender may be entertained even from Non Registered contractors. No earnest money is required in such cases.
2. For works beyond an estimated cost of Rs. 2.50 lakh and upto Rs. 5.75 lakh, tenders may be obtained only from Registered Contractors. The price preference upto 5 % (with reference to the lowest valid price bid) may be allowed in favour of individual SC/ST contractor. However, earnest money at a reduced rate of ½ % may be accepted in such cases, subject to repeal of EMD declaration circular after 31.12.2021.
3. In all such cases, the above concession shall be allowed only after proper verification of the individual contractor's claim of belonging to SC or ST community, as the case may be.

These concessions will be admissible upto 31.12.2023. CPWD Works Manual stands amended accordingly.

This issues with the approval of Ministry of Housing and Urban Affairs.


(वी.पी. साह)

अधीक्षण अभियंता(सी. एंड एम.)

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P)

ASW(C)

**PROFORMA OF WORKS OF SIMILAR CLASS COMPLETED DURING THE LAST SEVEN
YEARS ENDING PROVIOUS DAY OF LAST DATE OF SUBMISSION OF TENDER**

1. Name of work/project & location
2. Agreement no.
3. Estimated cost
4. Agreement amount
5. Date of start
6. Date of completion
 - (i) Stipulated date of completion
 - (ii) Actual date of completion
7. Amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report

(i) Quality of work	Very Good/Good/Fair/Poor
(ii) Financial soundness	Very Good/Good/Fair/Poor
(iii) Technical Proficiency	Very Good/Good/Fair/Poor
(iv) Resourcefulness	Very Good/Good/Fair/Poor
(v) General Behavior	Very Good/Good/Fair/Poor
10. Owner or sponsoring organization
11. Scope of work

Dated:

Executive Engineer or Equivalent

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

PROFORMA OF AFFADAVIT AS PER CPWD-6 CLAUSE 9

To

The Executive Engineer (Civil)
CCW, AIR, Jaipur (Raj.)

Name of work:- Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminum doors in ADE Room & Gents toilet for AIR at Udaipur. **SH.-2:-** Repairing mumtys in radio colony & grassing with doob in studio premises for AIR at Udaipur. **SH.-3:-** Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur. **SH.-4:-** A/R & M/O of all building structures at AIR, Udaipur during 2022-23. **Sh:-** Day to day maintenance. **SH.-5:-** Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

1. The physical EMD shall be deposited by me/us with in the Executive Engineer calling the tender in case I/we become the lowest tenderer within a week of the opening of the financial bid otherwise the department (CCW/AIR) may reject the tender and take the action to debar me/us from tendering in CCW, AIR for a period of three years and can write to the competent authority for cancellation of my/ our enlistment.
2. The certified copy of all the scanned and uploaded documents specified in the notice inviting tender shall be deposited by me / us with the Executive Engineer calling the tender and Original papers of the uploaded documents shall be shown for verification to the Executive Engineer calling tender in case I/We become the lowest tenderer within a week of the opening of the financial bid otherwise the department (CCW, AIR) may reject the Tender and take the action to debar me/us me/ us from Tendering in CCW, AIR for a period of three years and can write to the competent authority for cancellation of my/our enlistment.

Signature of Contractor

Name of Agency

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

LIST OF APPROVED MAKE OF MATERIALS
(FOR CIVIL WORKS)

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

MATERIALS	APPROVED MAKE
PPC	ACC, Ultratech, Shree, Ambuja,JP
White Cement	JK & BIRLA or as per cement condition
Steel Reinforcement	SAIL, TISCO, Rashtriya Ispat Nigam Limited(RINL) or as per steel condition
Ready Mix Concrete	Ultratech, RMC India, Laffarge, TechNO or as approved by Engineer-in-Charge.
SS Cramp & Dash Fastner	Hilty, Fisher, Concept or equivalent as approved by Engineer-in-Charge
CC Paver Block M-40 or any other Grade	M/s Dalal Tiles Industries, JCC tiles precast Ltd., NTC.
Flush Doors	Century Ply Board/National Plywood/Duro Door/Jawala
Stainless Steel	Kich/Fitwell/Arch
Screws	Kich, Fitwell
Glass Panes	Modi Float/ /Saint Gobain
ACP	Alsline/Alu pan/Al stone or equivalent
Synthetic enamel paint (in 4 ltr packing)	Luxol hi gloss brand of Berger paints, apcolite brand of Asian Paints, Nerolac Brand of good lass Nerolac paints.
Plastic emulsion paint (in 5 ltr packing)	Luxol SILK brand, RANGOLI BRAND of berger paints, Royal Brand of Asian Paints, Nerolac Brand of goodlass Nerolac paints.
Oil bound distemper (in 5/20 kg package packing)	Bison brand of Berger paints, Tractor brand of Asian Paints, solder brand of goodlass Nerolac paints.
Fire Resistant Shutter	SHAKTI, GODREJ, ADHUNIK, KUTTY
Rolling Shutter	SWASTIK, STANDERED
Exterior Paint	Trump of SNOwcem India Ltd., Asian, Johnson & Nicolson
Premium acrylic smooth exterior paint with silicone additives	Burger (Weather coat all guard), Asian Paint (Apex ultima), Dulux weather shield (Powerflexx)
Cement Primer	Klick Nixon, Farco Brand of ICI
Viterous China Wares	Hind Ware/Jaquar/Duravit
Stainless Steel Sink	Neel Kanth/Jayana/Nirali
C.P. Brass Fittings (ISI Marked)	Jaquar (ESSCO series)/Marc/Hindware
SCI / CI Pipes, Fittings	SRF/NECO,/SKF
GI Pipes	Jindal/Prakash/Tata
PVC Tanks	Sintex/Shital/Rotax
GI Fittings	Unik/KM
Brass Stop / Bib Cock	LINK/LEADER/PRIMA

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AEC(P) ASW(C)

1.

MATERIALS	APPROVED MAKE
Ball Valve & Plates	LINK/LEADER/PRIMA
Gun Metal Valve	Sant/Leader/ZOLOTO
SW Pipes & GT	Anand/Perfect
Vitrified Tiles	Orient, NITCO, Kajaria, Somany,
Aluminium Section	Hindalco/Jindal/Indalco (Powder Coating as per approval of Engineer-in-Charge)
PVC Low Level Cistern	Hindware or equivalent
CI Manhole Cover & Frame	RIF, Kajero, Neco
Factory made precast Kerb Stone	KK, Nitco, UNISTONE, NTC
Water proofing compound	Cico, Fosroc, Pidilite
Bevelled edge mirror	Modi Guard, Atul
Patch & Spider Fittings for Glass Doors/Partitions	Insta, Dorma
APP Water Proofing Treatment	APEX, STP Ltd., TEXA, PIDILITE, DERMABIT
Drapery Rods & Vertical Blinds/Roller Blinds	Mac, Vista
Tactile	Nitco, Modern, Unistone
Stainless Steel Railing	Fitwell, arch, Kich
Exterior Wall Putty	Birla Wall Putty/JK Wall Putty
Polycarbonate Sheet Admixture	PLOYGAL, G.E. / TUFFLITE, ERUOPACK CICO, FORSROC, PIDILITE
PPR Pipes & Fittings	Prince, fusion, Amitex, Victors
RCC Pipe	JAIN, SPUN, PARTIBHA, LAXMI
SW Pipe & gully Trap	HIND, PERFECT, BURN
Quartz Stone	Starox, Asian, Euro
Automatic Sliding Door	Godrej, Dorma, STL or equivalent

ISI Mark as per approved sample kept at site of work.

2. The contractor shall provide the materials as per the make or brand indicated above. When two or more alternative/brands have been mentioned, the brand selected by the Engineer-in-Charge shall be final and binding.

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

AEC(P) ASW(C)

jktLFkku ljdkj
[kku 1/4xzqi &2 1/2 foHkkx

dzekad % i-13 1/4 6 1/2 [kku@xzqi&2@80&ikVZ
NOV&2011

t;iqj fnukad 15-

ifji=

fo"k; % jktdh; foHkkxksa] Lok;Rr'kk"kh laLFkkvksa] jktdh; midzeksa esa dk;Zjr fuekZ.k Bsdsnkjksa ls fuekZ.k dk;Z esa dke vkus okys [kfutksa eslsuih LVksu] fxVVh] cksYMj ctjh] dad]] eksje] lk/kkj.k feVVh 1/4bZV feVVh dks NksMdj 1/2 dh jk;YVh olwyh ds laca/k esa A

mijksDr fo"k;kUrxZr iwoZ esa tkjh fd;s x;s ifji= fnukad 06-10-2008@08-10-2008 dks ek- mPp U;k;ky;] tks/kiqj }kjk ,l- ch- flfoy fjV la- 1309@09 esa ikfjr vkns'k fnukad 17-01-2011 ls fiVh'kudrkZ }kjk jk;YVh isM [kfut izklr dj dke esa fy;s tkus ds cktwn mDr ifji= vYikof/k vuqefr i= ysus gsrq ck/; dirk gS] bl dkj.k fujLr fd;k gS rFkk ifji= dks la'kksf/kr dj tkjh djus dh NwV iznku dh xbZ A mDr fu.kZ; ds izdk'k esa ifji= fnukad 06-10-2008@08-10-2008 ds vfrdze.k esa jktdh; foHkkxksa] Lok;Rr'kk"kh laLFkkvksa] jktdh; midzeksa esa dk;Zjr fuekZ.k Bsdsnkjksa ls fuekZ.k dk;Z esa dke vkus okys [kfutksa ij ns; jk;YVh ds Hkqxrku ckcr fuEu izfdz;k r; dh tkrh gS A ;g izfdz;k rjar izHkko ls ykxw gksxh A

- 1- lacaf/kr fuekZ.k foHkkx dks dk;kZns'k dh izfr e; th&f'kM;qy ftlesa fuekZ.k esa dke vkus okys [kfutksa dh ek=k dk fooj.k gks 1/4?kuehVj vFkok Vuksa esa 1/2 lacaf/kr [kfu- vfHk;ark @lgk;d [kfu- vfHk;ark dk;kZy; esa izLrqr djuh gksxh A
- 2- Bsdsnkj dks fuekZ.k dk;Z 'kq; djus ls iwoZ fuEu esa ls dksbZ ,d fodYi lacaf/kr [kfu- vfHk;ark @lgk;d [kfu- vfHk;ark dk;kZy; esa 'kiFk i= ds lkFk izLrqr djuk gksxh A

fodYi&,& ;fn Bsdsnkj vius Lrj ij [kfutksa dk [kuu djus gsrq vYikof/k vuqefr i= izklr djuk pkgrk gS ftldk dk;Z lekflr ij vf/k'kqYd fu/kkZj.k djuk pkgrk gS ,oa jk;YVh dh jkf'k jfuax fcykas ls dVokuk pkgrk gS A

fodYi&ch& ;fn Bsdsnkj vYikof/k vuqefr i= izklr djuk pkgrk gS] ijUrj jk;YVh dh jkf'k jfuax fcyksa ls dVkus ds ctk; [kku foHkkx esa vYikof/k vuqefr i= izklr djrs le; vfxze :i ls tek djuk pkgrk gS A

fodYi&lh& ;fn Bsdsnkj lEiw.kZ [kfut jk;YVh isM [kjhnuuk pkgrk gS rFkk jfuax fcy dh LVst ij fu/kkZj.k ds fy; jk;YVh Hkqxrku dk leqfpr fjdkMZ izLrqr djsxh A

fodYi&Mh& A ;fn Bsdsnkj fodYi ch o lh dks lfEefyr :i ls dke esa ysuk pkgrk gS

- 3- Bsdsnkj }kjk mijksDr fcUnq la[;k 2 ds vuq[kj fodYi izLrqr dj fn;s tkus ij lacaf/kr [kfu- vfHk;ark @lgk;d [kfu- vfHk;ark }kjk bldh lwpuk fuekZ.k foHkkx dks nh tk;sxh ,oa fuekZ.k foHkkx fodYiksa ds vuq[kj] uhps nh xbZ O;oLFkk ds vuqwr:i] jk;YVh olwyh ckcr dk;Zokgh djsxh A

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

1. fodYi &, ds Bsdsnkj ds izFke fcy ikfir djus ds iwoZ fuekZ.k foHkkx [kfu- vfHk;ark @lgk;d [kfu- vfHk;ark }kjk tkjh vYikof/k vuqefr i= dh izfr izklr djsxk] vU;Fkk fcy dk Hkqxrku ugh fd;k tk;sxx A ,sls Bsdsnkjkssa ds jfuax fcyksa ls jk;YVh dh dVksRh fuEukuqlkj fu/kkZfjr nj ls dh tkdj psd vFkok egkys[kkdkj ds ;gkW lek;kstu ds ek';e ls e; dVksRh fooj.k ds tek djkuh gksxh %&

- 1- IMd fuekZ.k $\frac{1}{4}$ okbMfuax Ifgr $\frac{1}{2}$ 3 izfr'kr
- 2- Hkou fuekZ.k 2 izfr'kr
- 3- IMd uohuhdj.k 1-5 izfr'kr
- 4- vU; dk;Z ftuesa [kfut dk mi;ksx gksrk gks 1 izfr'kr

mDr fodYi ds Bsdsnkj ;fn vfrfjDr jkf'k tek gks tkus ds dkj.k fQUM pkgrs gks rks mUgsa fuekZ.k dk;Z lekflr ds 30 fnol dh vof/k esa viuk fjdKMZ ;Fkk dke esa fy;s x;s [kfut dk C;kSjk $\frac{1}{4}$ fuekZ.k foHkkx ls izekf.kr'kqnk $\frac{1}{2}$ [kfut izklr fd;s tkus dk L=ksr] mlds fcy@joUuk@vf/kd`r Bsdsnkj dh jk;YVh iphZ ftuesa fuekZ.k foHkkx ds Bsdsnkj dk uke vafdr gks] vf/k'kqYd fu/kkZj.k gsrq [kfu- vfHk;ark @ lgk;d [kfu- vfHk;ark dk;kZy; esa izLrqr djus gksaxs A mDr 30 fnol dh vof/k esa fjdKMZ izLrqr ugha djus ij fuekZ.k foHkkx }kjk jfuax fcyksa ls dkVh xbZ jkf'k dks vafre ekuk tk;sxx A

2. fodYi&ch ds Bsdsnkjksa dks vYikof/k vuqefr i= izklr djrs le; [kfut dh jk;YVh lacaf/kr [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark dk;kZy; esa tek djkuh gksxh A fuekZ.k foHkkx }kjk ,sls Bsdsnkjksa ds jfuax fcy dVksRh fd;s cxSj ikfir fd;s tk ldsaxs] ijUrq vafre jfuax fcy [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark ls vukifRr izklr fd;s fcuk ikfir ugh fd;k tk;sxx A
3. fodYi@lh ds Bsdsnkjksa }kjk lacaf/kr jfuax fcy rd dke esa fy;s x;s [kfut dk C;kSjk $\frac{1}{4}$ fuekZ.k foHkkx ls izekf.kr'kqnk $\frac{1}{2}$ [kfut izklr fd;s tkus dk L=ksr mlds fcy@joUuk@vf/kd`r Bsdsnkj dh jk;YVh iphZ ftuesa fuekZ.k foHkkx ds Bsdsnkj dk uke vafdr gks] vf/k'kqYd fu/kkZj.k gsrq [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark dk;kZy; esa izLrqr djus gksaxs A [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark }kjk vf/k'kqYd fu/kkZj.k vkns'k tkjh dj fn;s tkus ij fuekZ.k foHkkx }kjk lacaf/kr jfuax fcy ikfir fd;k tk ldsxk] ijUrq vafre jfuax fcy [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark }kjk vukifRr izklr fd;s fcuk ikfir ugha fd;k tk;sxx A
4. fodYi&Mh ds Bsdsnkjks dks vYikof/k vuqefr i= izklr djrs le; [kfut dh jk;YVh lacaf/kr [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark dk;kZy; esa tek djkuh gksxh A jk;YVh isM izklr fd;s x;s [kfut dk C;kSjk $\frac{1}{4}$ fuekZ.k foHkkx ls izekf.kr'kqnk $\frac{1}{2}$ [kfut izklr fd;s tkus dk L]=ksr mlds fcy @joUuk@vf/kd`r Bsdsnkj dh jk;YVh iphZ ftuesa fuekZ.k foHkkx ds Bsdsnkj dk uke vafdr gks] vf/k'kqYd fu/kkZj.k gsrq [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark dk;kZy; esa izLrqr djus gksaxs [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark }kjk vf/k'kqYd fu/kkZj.k vkns'k tkjh dj fn;s tkus ij fuekZ.k foHkkx }kjk lacaf/kr jfuax fcy ikfir fd;k

Addition.....Nil
 Deletion.....Nil
 Correction.....Nil
 Overwriting.....Nil

51

tk ldsxk] ijUrq vafre jfuax fcy [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark ls vukifRr izklr fd;s fcuk ikfjr ugha fd;k tk;sxk A

8- BOT/BOOT ds rgr gksus okys fuekZ.k dk;ksZ vFkok ftu fuekX.k dk;ksZ ds fcyksa dk Hkqxrku fdlh Hkh foHkkx }kjk ugha fd;k tkrk gS] mlesa fodYi@,] lh ,oa Mh ykxw ugha gksxk] budh ctk; fodYi&ch ykxw gksxk A

9- dk;Z leklr gksus ij fuekZ.k foHkkx }kjk Bsdsnkj }kjk mi;ksx dh xbZ [kfut dh okLrfod ek=k dk fooj.k rFkk dkVh xbZ jk;YVh jkf'k dk C;ksJk lacaf/kr [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark dks nsuk gksxk A

10- ;fn fuekZ.k foHkkx }kjk mDrkuqlkj izfdz;k dk ikyu ugha fd;k x;k vFkok Bsdsnkj }kjk voS/k :i ls [kfut dk mi;ksx fd;k x;k gS rks [kfut dh nl xq.kk jk;YVh olwyh ;ksX; gksxh] ftldks tek djkus dh ftEesnkjh lacaf/kr fuekZ.k foHkkx dh gksxh A lacaf/kr [kfu- vfHka;ark @ lgk;d [kfu- vfHk;ark ,e,elhvkJ] 1986 ds fu,e 66 rFkk Hkw&jktLo vf/kfu,e ds izko/kkuks ds vuqlkj mDr jkf'k olwy dj ldsxk A

11- Bsdsnkj }kjk izfrcaf/kr {ks=ksa tSlS pkjxkg Hkwfe] dspesaV ,fj;k] [ou@vH:kj.:@](#) jk"Vzh; m/kku {ks= rFkk muds lsQVh tksu {ks=} fofHkUu U;k;ky;ksa }kjk izfrcaf/kr {ks=ksa esa [kuu dk;Z ugha fd;k tk;sxk ,oa Lohd'r [kuu iVVk@ ykbalsal {ks=ksa esa ;k fdlh [kkrsnkjh Hkwfe esa cxSj iVVk/kkj@ ykbalsal/kkj; k lacaf/kr [kkrsnkj dh fyf[kr lgef'r ds fcuk [kuu dk;Z ugha fd;k tk;sxk A bl ckr vYikof/k vuqKki= dk vkosnu i= is'k djsr le; gh 'kiFk i= nsuk gksxk A

;g ifji= foRr ¼jktLo fMohtu½ foHkkx dh vkbZ Mh la;k 101103210 fnukad 13-10-2011 dh lgef'r ls tkjh fd;k tkrk gS rFkk bl fo"ke; esa jkT; ljdkj }kjk ekuuh; loksZPP U;k;ky; esa nk;j dh xbZ ,l,yih ij gksus okys fu.kZ; ds v;/khu jgsxk A

g-

'kklu mi lfpo

izfrf'yi fuEu dks lwpukFkZ ,oa vko';d dk;Zokgh gsrq izsf"kr gS %&

- 1- futh lfpo] [kku jkT;ea=h] jktLFkku] t;iqj A
- 2- futh lfpo] izeq[k 'kklu lfpo] [kku ,oa isVzksfy;e foHkkx] jktLFkku] t;iqj A
- 3- 'kklu mi lfpo& l / ll [kku foHkkx] 'kklu lfpo;] t;iqj A
- 4- fo'ks"kkf/kdkjh ¼arduhdh½@mi fof/k- ijke'khZ@ 'kklu lgk;d lfpo 'kklu lfpo;] t;iqj
- 5- funs'kd] [kku ,oa Hkw&foKku foHkkx] jktLFkku] mn;iqj
- 6- leLr vfr0 funs'kd ¼[kku½@¼Hkw&foKku½ v/kh{k.k [kfu- vfHk;ark] [kfu-vfHk;ark ldk;d [kfu vfHk;ark] }kjk funs'kd] [kku ,oa Hkw&foKku foHkkx] jktLFkku] mn;iqj
- 7- jf{kr i=kkoyh A

g-

'kklu lgk;d lfpo

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

52

jktLFkku ljdkj
[kku 1/4xzqi &2 1/2 foHkx

dzekad % i-13 1/46 1/2[kku@xzqi&2@80&ikVZ
OCT & 2012

t;iqj fnukad 18-

ifji=

bl foHkx ds lela;d ifji= fnukad 15-11-2011 ds fcUnq la;k 6 esa vkf'kad
la'kks/ku fd;k tkrk gS fd bl fcUnq esa of.kZr jk;YVh isM [kfut izklr djus okys
Bsdnskjksa ds vf/k'kqYd fu/kkZj.k izR;sd jfuax fcy o vafre fcy dh LVst ij fd;s tkus dh
ctk; izFke jfuax fcy dh LVst ij ,oa vafre fcy dh LVst ij gh fd;s tk, A

blds vykok mDr ifji= ds fcUnq la;k 8 dks fuEu izdkj izfrLFkfkir fd;k tkrk gS %&

BOT/BOOT ds rgr gksus okys fuekZ.k dk;ksZ] ftuesa fcyksa dk Hkqxrku
fuekZ.k foHkx }kjk laosnd dks ugha fd;k tkrk gS] muesa fodYi&, ykxw ugh gksxk]
fodYi&ch ykxw gksxk] fodYi&lh ,oa fodYi &Mh bl 'krZ ds lkFk ykxw gksaxs fd dk;Z
lekflr ij laosnd }kjk fuekZ.k foHkx ls [kfut dh ek=k dk fooj.k izklr fd;k tkdj vf/k'kqYd
fu/kkZj.k gsrq fcUnq la;k 4 esa of.kZr nLrkost [kfu vfHka;ark dks izLqr djus gksaxs
,oa [kfu vfHk;ark }kjk jk;YVh dh vns;rk dk izek.k i= tkjh fd;k tkosxk A fuekZ.k foHkx
}kjk laosnu dks Vksy olwyh vf/kdkj i= @ dk;Z iw.kZ dk izek.k i= rc rd tkjh ugh fd;k
tkosxk] tc rd laosnd [kfu vfHk;ark ls jk;YVh dh vns;rk dk izek.k i= izklr dj izLqr ugha
dj nsosa A

vkKk ls

g-
'kklu mi lfpo

izfrf'yi fuEu dks lwpukFkZ ,oa vko';d dk;Zokgh gsrq izsf'kr gS %&

- 1- fof'k"B lfpo] [kku jkT;ea=h] jktLFkku] t;iqj
- 2- futh lfpo] izeq[k 'kklu lfpo] [kku ,oa isVzksfy;e foHkx] jktLFkku] t;iqj
- 3- 'kklu mi lfpo& I / II, [kku foHkx] 'kklu lfpo;] t;iqj
- 4- fo'ks"kkf/kdkjh 1/4rdh1/2@mi fof/k- ijke'khZ@'kklu lgk;d lfpo 'kklu lfpo;] t;iqj
- 5- funs'kd] [kku ,oa Hkw&foKku foHkx] jktLFkku] mn;iqj

- 6- leLr vfr0 funs'kd $\frac{1}{4}[kku\frac{1}{2}@ \frac{1}{4}Hkw@foKku\frac{1}{2}$, v/kh{k.k [kfu- vfHk;ark] [kfu- vfHk;ark] lgk;d [kfu vfHk;ark] }kjk funs'kd] [kku ,oa Hkw&foKku foHkx] jktLFkku] mn;iqj
7- jf{kr i=kkoyh A

9-

'kklu lgk;d lfpo

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AEC(P) ASW(C)

53

jktLFkku ljdkj
[kku $\frac{1}{4}xzqi$ & $2\frac{1}{2}$ foHkx

dzekad % i- $13\frac{1}{4}6\frac{1}{2}[kku@xzqi&2@80&ikVZ$
JAN & 2013

t;iqj fnukad 09-

ifji=
bl foHkx ds lela[:d ifji= fnukad 15-11-2011 esa fuekZ.k foHkx ds
Bsdsnkjksa ls [kfutksa ij jk;YVh olwyh ,oa ijfeV ds laca/k esa O;oLFkk dh xbZ gS]
ftlesa vkaf'kd la'kks/ku ifji= fnukad 18-10-2012 ls fd;k x;k gS A mDr ds dze esa ifji=
fnukad 15-11-2012 esa fcUnq la[:k 12 fuEu izdkj tksMk tkrk gS %&
^^12 tks Bsdsnkj jk;YVh isM [kfut izklr dj fuekZ.k dk;Z IEikfnu djuk pkgrs gS]
ijUrq izFke ;k vafre jfuax fcy dh LVst ij vf/k'kqYd fu/kkZj.k ugha djokuk pkgrs gS]
mUgsa fodYi ^bZ^ ds :i esa oxhZd`r fd;k tkdj muds vafre fcy ls jk;YVh dh dVKSrh
fuEukuqlkj fu/kkZfjr nj ls dh tkdj psd vFkok ,0th0 ,MtsLVesaV ds ek/e ls [kku foHkx
ds vk; en esa tek djokbZ tk, %&

- 1- IMd fuekZ.k @ okbMfuac ,oa Hkou fuekZ.k dk;Z 3 izfr'kr
- 2- fjis;fjax ,oa vU; dk;Z 1-5 izfr'kr

mDr fodYi ysus okys Bsdsnkjksa dks dk;Z 'kq; djus ls iwoZ ,d 'kiFk i= fuekZ.k
foHkx esa nsrs gg, izfr [kku foHkx dks i`Bkafdr fd;k tkuk gksxk fd os voS/k [kuu
ls [kfut izklr ugha djsaxs ,oa [kku foHkx }kjk [kuu L=ksr ,oa ifjogu ij voS/k [kuu
fuxZeu ds fo;} dh tkus okyh dk;Zokgha ij fdlh izdkj dh mtjnkjh muds }kjk izLrqr ugha
dh tk;sxh A

mDr fodYi BOT/BOOT Bsdsnkjksa }kjk fy;s tkus ij mUgsa dk;Z dh dqy ykxr
dk mijksDr njksa ls jkf'k [kfu vfHk;ark dk;kZy; esa rhu leku fdLrksa esa dk;Z lekflr ls
iwoZ tek djkuh gksxh A fuekZ.k foHkx }kjk dk;Z dh vafre la'kksf/kr ykxr ls [kfu
vfHk;ark dks voxr dj;k tk,xk rFkk rhuks fdLr tek gks tkus ds [kfu- vfHk;ark }kjk IR;kiu
fd;s tkus ij fcUnq la[:k 8 vuqlkj fuekZ.k foHkx ds vfHk;ark }kjk Vksy olwyh vf/kdkj
i=@dk;Z iw.kZrk izek.k i= tkjh fd;s tk;saxs A

vkKk ls

g-
la;qDr 'kklu lfpo

izfrfyyh fuEu dks lwpukFkZ ,oa vko';d dk;Zokgh gsrq izsf"kr gS %&

- 1- fofk"B lfpo] [kku jkT;ea=h] jktLFkku] t;iqj
- 2- futh lfpo] izeq[k 'kklu lfpo] [kku ,oa isVzksfy;e foHkkx] jktLFkku] t;iqj
- 3- 'kklu mi lfpo& l / ll, [kku foHkkx] 'kklu lfpoky;] t;iqj
- 4- fo'ks"kkf/kdkjh ¼rdúdh½@mi fof/k- ijke'khZ@ 'kklu lgk;d lfpo 'kklu lfpoky;] t;iqj
- 5- funs'kd] [kku ,oa Hkw&foKku foHkkx] jktLFkku] mn;iqj
- 6- leLr vfr0 funs'kd ¼[kku½@¼Hkw@foKku½, v/kh{k.k [kfu- vfHk;ark] [kfu- vfHk;ark ldk;d [kfu vfHk;ark] }kjk funs'kd] [kku ,oa Hkw&foKku foHkkx] jktLFkku] mn;iqj
- 7- jf{kr i=kkoyh

g-

'kklu lgk;d lfpo

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AEC(P)

ASW(C)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/MAN/410

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI

DATED: 22.10.2021

Subject: Addition of new Para 4.10.2 in CPWD Works Manual 2019 regarding testing charges to be borne by contractor.

It has been noticed that following provisions are sometimes being made in the NITs / Agreements by the NIT approving authorities:

"The cost of test shall be borne by contractor/ department in the manner as below:

- By the contractor, if the result shows that material does not conform to the relevant codes/ specification.
- By the department, if the results show that the material conforms to relevant codes/ specification."

It has been decided by the competent authority that testing charges shall be borne by the contractor in all cases. Accordingly following new para is added in CPWD Works Manual -2019.

Existing Provision	Modified Provision
4.10 Preparation of NIT	4.10 Preparation of NIT
4.10.2 No Provision	4.10.2 Testing charges to be borne by contractor Following provision shall be incorporated by the NIT approving authority in the NIT: All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The NIT shall have list of approved laboratories for testing as approved by ADG / SDG.

This issues with the approval of competent authority.

(वी.पी. साहु) 22-10-2021

अधीक्षण अभियंता(सी.एंड एम.)

e-file 9116587

Issued from file No. CSQ/CM/16(1)/2021

प्रतिलिपि: सभी केलोनिवि तथा लोनिवि दिल्ली के अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।(केलोनिवि वेबसाईट के माध्यम से).

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AEC(P) ASW(C)

Schedule of Quantities

Name of Work: Miscellaneous Civil works under AIR, Udaipur during 2022-23. **SH.-1:-** Distempering in ADE Room, HOP Room and aluminum doors in ADE Room & Gents toilet for AIR at Udaipur.

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR- 2021 Item no.
1	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.					
	(a) One coat.	50.00	Sqm	54.75	2738.00	13.81.1
	(b) Two coats.	200.00	Sqm	90.05	18010.00	13.81.2
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	(a) One coat.	5.00	Sqm	462.30	2312.00	14.1.1
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	23.00	Sqm	123.85	2849.00	13.80
4	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
	(a) For fixed portion.					
	(b) Powder coated aluminium (minimum thickness of powder coating 50 micron).	25.00	Kg	466.30	11658.00	21.1.1.2

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
	(b) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).					
	(i) Powder coated aluminium (minimum thickness of powder coating 50 micron)	35.00	Kg	564.80	19768.00	21.1.2.2
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
	(a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm).	1.00	Sqm	1325.55	1326.00	21.3.2
6	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer in-charge.					
	(a) Pre-laminated particle board with decorative lamination on both sides.	1.00	Sqm	951.05	951.00	21.2.2
7	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	3.00	Each	1025.65	3077.00	9.83
8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					
	(a) Upto 5mm depth and 5 mm width.	15.00	metre	85.25	1279.00	21.8.1

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
9	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	3.00	Each	449.55	1349.00	21.13
10	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in charge.					
	(a) Powder coated minimum thickness 50 micron aluminium.	6.00	Each	89.60	538.00	21.16.2
11	Providing and fixing 4mm thick aluminium composite pannel sheet in panelling in aluminum extruded sections door shutter complete with required SS Screws etc. complete as per direction of Engineer-in-charge.	2.50	Sqm	3471.50	8679.00	Based on DSR-2021
12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :					
	(a) Of area 3 sq. metres and below.	3.00	Each	302.70	908.00	15.12.1
			SH. 1	Total	75442.00	

SH.-2:- Repairing muntys in radio colony & grassing with doob in studio premises for AIR at Udaipur.

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
1	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge.	125.00	sqm	815.45	101931.00	11.44
2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	(a) With cement mortar 1:4 (1 cement : 4 fine sand) .	50.00	sqm	462.30	23115.00	14.1.1

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	200.00	sqm	45.05	9010.00	15.56
4	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge.					
	(a) 25 mm average thickness.	20.00	sqm	104.60	2092.00	26.28.3
5	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.					
	(a) SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer.	20.00	sqm	117.75	2355.00	26.31.1
6	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.					
	(a) 25 mm average thickness in 2 layers.	20.00	sqm	510.50	10210.00	26.32.2
7	Grassing with Local grass/special grass doob as per requirement and direction of station authority i/c watering etc. complete.	170.00	sqm	145.48	24732.00	M/R
			SH.2	Total	173445.00	

SH.-3:- Providing Mumty Doors & stair entrance small gate in Staff Quarters & Renewing water proofing treatment over the roof of Duty room & guest room for AIR at Udaipur.

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
1	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.					
	(a) Using flats 30x6mm for diagonal braces and central cross piece.	9.00	sqm	4615.15	41536.00	10.5.2

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
2	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete: (copper oxidized as per IS: 1378)					
	(a) 250x16 mm.	26.00	Each	165.90	4313.00	9.62.2
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
	(a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	235.00	Kg	142.30	33441.00	10.25.2
4	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	70.00	Kg	93.05	6514.00	10.1
5	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6mm, mixing fibre @ 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge.	90.00	sqm	815.45	73391.00	11.44
6	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	(a) With cement mortar 1:4 (1 cement : 4 fine sand).	5.00	sqm	462.30	2312.00	14.1.1
7	Removing old APP/tarfelt (four or six course) or any other similar type of water proofing treatment including cleaning the surface as required and disposal of malba within lead of 50m as per the direction of Engineer-in- charge.	90.00	sqm	45.05	4055.00	Based on DSR-2021

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
8	Grading roof for water proofing treatment with.					
	(a) Cement mortar 1:4 (1cement : 4 coarse sand).	0.30	cum	13378.15	4013.00	22.14.3
			SH.3	Total	169575.00	

SH.4: A/R & M/O of all building structures at AIR, Udaipur during 2022-23.

Sh:-Day to Day Maintenance.

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
1	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty.					
	(a) Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) .	2.00	Sqm	941.95	1884.00	14.5.1
2	Renewing glass panes and refixing existing wooden fillets:					
	(a) Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm).	2.00	Sqm	1055.20	2110.00	14.7.1
3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:					
	(a) White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap.	2.00	Each	2731.45	5463.00	17.7.4
	(b) White Vitreous China Flat back wash basin size 450x 300 mm with single 15mm C.P. brass pillar tap.	3.00	each	2370.20	7111.00	17.7.7
4	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :					
	(a) Kitchen sink without drain board					
	(i) 610x460 mm bowl depth 200 mm	1.00	Each	3337.85	3338.00	17.10.2.2
5	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in-charge.					
	(a) Orissa pattern W.C Pan of size 580x440 mm.	3.00	Each	3850.65	11552.00	14.80.2

Addition.....Nil

Deletion.....Nil

Correction.....Nil

Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
6	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	2.00	Each	299.35	599.00	17.16A
7	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.					
	(a) 10 litre capacity - White.	2.00	Each	1023.05	2046.00	17.18.1
8	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :					
	(a) White solid plastic seat with lie.	1.00	Each	586.55	587.00	17.20.1
9	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :					
	(a) Rectangular shape 453x357 mm.	2.00	Each	1158.95	2318.00	17.32.2
10	Providing and fixing brass bib cock of approved quality:					
	(a) 15 mm nominal bore.	5.00	Each	303.85	1519.00	18.15.1
11	Providing and fixing brass stop cock of approved quality:					
	(a) 15 mm nominal bore.	1.00	Each	303.85	304.00	18.16.1
12	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
	(a) 25 mm nominal bore.	2.00	Each	532.35	1065.00	18.17.1
13	Providing and fixing uplasticised PVC connection pipe with brass unions :					
	(a) 45 cm length.					
	(i) 15 mm nominal bore.	5.00	Each	85.20	426.00	18.21.2.1
14	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931:					
	(a) 15 mm nominal bore.	5.00	Each	434.20	2171.00	18.49.1
15	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931					
	(a) 15mm nominal bore.	5.00	Each	500.35	2502.00	18.53
16	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.:					
	(a) Semi rigid pipe:					
	(i) 32 mm dia.	5.00	Each	90.95	455.00	17.28.1.1

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
17	Providing services of fitter/carpenter for attending repair works of sanitary/water supply/drainage/ carpentry etc. at AIR, Udaipur.					
	(a) Fitter.	10.00	each	1048.94	10489.00	Based on DSR-2021
	(b) Carpenter.	6.00	each	1048.94	6294.00	Based on DSR-2021
18	Providing services of labour such as beldar/sewman etc. as requirement at AIR, Udaipur.					
	(a) Beldar.	30.00	each	862.97	25889.00	Based on DSR-2021
	(b) Sewerman.	15.00	each	862.97	12945.00	Based on DSR-2021
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall					
	(a) 20 mm nominal dia Pipes.	20.00	metre	325.10	6502.00	18.7.2
	(b) 25 mm nominal dia Pipes.	5.00	metre	408.55	2043.00	18.7.3
20	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.00	per litre	9.70	9700.00	18.48
21	Credit for dismantled Brass/ CP brass fittings and fixtures as dismantled material to be taken away by contractor.					
	(a) 15mm n/b.	25.00	each	100.00	-2500.00	M/R
	(b) 25mm n/b.	1.00	each	150.00	-150.00	M/R
22	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	(a) With cement mortar 1:4 (1 cement : 4 fine sand).	5.00	sqm	462.30	2312.00	14.1.1

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
23	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	10.00	sqm	1063.45	10635.00	8.31
24	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	10.00	sqm	45.05	451.00	15.56
25	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	5.00	sqm	1142.80	5714.00	11.39
26	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	5.00	cum	219.35	1097.00	15.60
27	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	10.00	Each	325.95	3260.00	14.85
28	Supply and stacking material for attending day to day work.					Based on DSR 2021
	(a) Brass bib cock 15mm (1339)	3.00	Each	280.97	843.00	do
	(b) Brass stop cock 15mm (1342)	1.00	Each	280.97	281.00	do
	(c) CP brass bib cock 15mm (7257)	2.00	Each	401.38	803.00	do
	(d) CP brass long body bib cock 15mm (7259)	2.00	Each	668.97	1338.00	do
	(e) CP brass Angle valve-15mm (7261)	2.00	Each	468.28	937.00	do
	(f) CP brass pillar cock-15mm (1885)	2.00	Each	361.24	722.00	do

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
	(g) PTMT ball cock set with aluminum road & ball -15 mm (7495)	5.00	Each	100.35	502.00	Based on DSR 2021
	(h) PVC Connection -15mm - 45cm (1689)	5.00	Each	46.83	234.00	do
	(i) PVC waste pipe -32mm (7117)	5.00	Each	33.45	167.00	do
	(j) Brass waste -32 mm - (1951)	2.00	Each	113.72	227.00	do
	(k) Brass waste -40 mm - (1952)	2.00	Each	133.79	268.00	do
	(l) PTMT Bib cock -15 mm (7400)	5.00	Each	86.97	435.00	do
	(m) PTMT grating -100 mm (7409)	5.00	Each	21.41	107.00	do
	(n) PTMT grating - 125 mm with hole (7411)	5.00	Each	33.45	167.00	do
	(o) Brass spindles for 15 mm CP fitting	10.00	Each	133.79	1338.00	M/R
			SH.4	Total	148500.00	

SH.5: Renovation of Toilet of FM building & repairing of drainage system of Gents toilet for AIR at Udaipur.

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.					
	(a) In cement morta.	0.20	cum	1698.45	340.00	15.7.4
2	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1.00	Each	744.60	745.00	15.52
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	30.00	sqm	45.05	1352.00	15.56
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level					
	(a) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	0.50	cum	7365.15	3683.00	4.1.3
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in					
	(a) cement mortar 1:4 (1 cement : 4 coarse sand)	3.00	sqm	837.85	2514.00	6.12.2

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	40.00	sqm	1063.45	42538.00	8.31
7	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	25.00	sqm	1142.80	28570.00	11.39
8	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :					
	(a) 150 mm diameter.	1.00	Each	190.10	190.00	18.22.2
9	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					
	(a) 15 mm nominal bore	2.00	Each	434.20	868.00	18.49.1
10	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.					
	(a) 15 mm nominal bore	2.00	Each	708.40	1417.00	18.51.1
11	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931:					
	(a) 15 mm nominal bore	5.00	Each	500.35	2502.00	18.53.1
12	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge.					
	(a) 15 mm nominal dia.	1.00	Each	6119.15	6119.00	17.22B

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
13	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
	(a) Semi rigid pipe					
	(i) 32 mm dia.	1.00	Each	90.95	91.00	17.28.1.1
14	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.					
	(a) 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	1.00	Each	600.35	600.00	17.73.2
15	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :					
	(a) Rectangular shape 453x357 mm each 1158.95 17.32.3 Oval shape 450x350 mm (outer dime.	1.00	Each	1158.95	1159.00	17.32.2
16	Providing and fixing uplasticised PVC connection pipe with brass unions :					
	(a) 45 cm length:					
	(i) 15 mm nominal bore.	5.00	Each	85.20	426.00	18.21.2.1
17	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.					
	(a) Granite stone slab colour black, Cherry/Ruby red:					
	(i) Area of slab over 0.50 sqm.	3.25	sqm	4425.35	14382.00	8.2.2.2
18	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	1.00	Each	808.15	808.00	8.5

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
19	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.					
	(a) 110 mm diameter.	24.00	meter	319.75	7674.00	12.41.2
20	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion:					
	(a) Coupler:					
	(i) 110 mm.	1.00	Each	119.95	120.00	12.42.1.2
	(b) Single tee with door:					
	(i) 110x110x110 mm.	2.00	Each	205.45	411.00	12.42.3.2
	(c) Single tee with door:					
	(i) 110x110x110 mm.	2.00	Each	190.75	382.00	12.42.4.2
	(d) Bend 87.5°:					
	(i) 110 mm bend.	2.00	Each	132.00	264.00	12.42.5.2
21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge:					
	(a) 20 mm nominal dia Pipes.	10.00	metre	325.10	3251.00	18.7.2
	(b) 25 mm nominal dia Pipes.	10.00	metre	408.55	4086.00	18.7.3
22	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.:					
	(a) 20 mm nominal dia Pipes.	15.00	metre	513.75	7706.00	18.8.2

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
23	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.					
	(a) Two coats.	25.00	sqm	90.05	2251.00	13.81.2
24	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
	(a) With cement mortar 1:4 (1 cement : 4 fine sand).	5.00	sqm	462.30	2312.00	14.1.1
25	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	25.00	sqm	123.85	3096.00	13.80
26	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
	(a) For fixed portion					
	(i) Powder coated aluminium (minimum thickness of powder coating 50 micron).	10.00	Kg	466.30	4663.00	21.1.1.2

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately):					
	(b) Powder coated aluminium (minimum thickness of powder coating 50 micron)	15.00	Kg	564.80	8472.00	21.1.2.2
27	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					
	(a) Upto 5mm depth and 5 mm width.	5.00	metre	85.25	426.00	21.8.1
28	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	1.00	Each	449.55	450.00	21.13
29	Providing and fixing aluminium round shape handle of outer dia 100mm with SS screws etc. complete as per direction of Engineer-in charge.					
	(a) Powder coated minimum thickness 50 micron aluminium.	2.00	Each	89.60	179.00	21.16.2
30	Providing and fixing 4mm thick aluminium composite pannel sheet in panlling in aluminum extruded sections door shutter complete with required SS screws etc. complete and stacking within 50 metres lead:	1.50	sqm	3471.50	5207.00	Based on DSR- 2021
31	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :					
	(a) Of area 3 sq. metres and below.	1.00	Each	302.70	303.00	15.12.1
32	Providing and fixing water closet squatting pan (Indian type W.C.pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:					
	(a) White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	1.00	Each	5781.00	5781.00	17.1.1

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P

ASW(C)

S.No.	Description of items	Qty	Unit	Rate	Amount	DSR-2021 Item no
33	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:					
	(a) White Vitreous China Flat back wash basin size 550 x 400 mm with single 15 mm C.P. brass pillar tap	1.00	Each	2731.45	2731.00	17.4.1
				Total	168069.00	
				Grand Total	735031.00	

Addition.....Nil
Deletion.....Nil
Correction.....Nil
Overwriting.....Nil

AE(C)-P ASW(C)

Executive Engineer (C)