N. I. T.

NAME OF WORK:- A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).

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Certified that this N.I.T. contains page 1 to 52 (One to Fifty-Two page only)

Prepared/Checked By

Assistant Engineer-(P)
RML DIVISION,
C.P.W.D., NEW DELHI

This **N.I.T. No. 30/EE/RMLD/2026-27** amounting to **Rs. 48,53,863/- (Rs. Forty-Eight Lakh Fifty-Three Thousand Eight Hundred Sixty-Three only)** is hereby approved.

EXECUTIVE ENGINEER
RML DIVISION,
C.P.W.D., NEW DELHI

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

CENTRAL PUBLIC WORKS DEPARTMENT
के0लो0नि0वि0
NOTICE INVITING e-TENDER

The Executive Engineer Dr. RML Hospital Division, CPWD, New Delhi invites on behalf of the President of India online **Percentage rate bids** from the approved and eligible contractors of appropriate class of CPWD for the following work.

NIT No. 30/EE/RMLD/2026-27 Name of work:- A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi). Rs. 48,53,863/- Earnest Money:- Rs. 97,077/. Period of completion:- 4 months. Last time and date of submission of Bid:- Upto 15:00 Hrs. on 12/11/2026.

Work may have to be carried out during odd hours and/or during night shift as per Delhi Traffic Police Rules. Rates quoted by agencies shall be inclusive of every single component likely to be involved for working under such conditions. Nothing extra over and above the quoted rates shall be payable on this account.

The bid forms and other details can be obtained from the website https://etender.cpwd.gov.in

सं. 54( )/कार्य0अभि0/रा0म0लो0मं0/2026–27/ दिनांक .11.2026

प्रतिलिपि प्रेषितः–

1. **नोटिस बोर्ड,** रा0म0लो0 मण्डल, के0लो0नि0वि0, नई दिल्ली।
2. **कार्यपालक अभियंता (वै0),** रा0म0लो0वै0 मंडल, के0लो0नि0वि0, नई दिल्ली।
3. **सहायक अभियंता (यो0),** लो0अ0मं0, के0लो0नि0वि0, नई दिल्ली।
4. **सहायक अभियंता,** उप–मंडल 1, 3 व 4, लो0अ0मं0, के0लो0नि0वि0, नई दिल्ली।
5. **सहायक लेखा अधिकारी,** लो0अ0मं0, के0लो0नि0वि0, नई दिल्ली।
6. **NIT**

EXECUTIVE ENGINEER,
RML DIVISION,
C.P.W.D., NEW DELHI

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

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

(Applicable for inviting open bids)

The Executive Engineer Dr. RML Hospital Division, CPWD, New Delhi on behalf of the President of India invites online **Percentage rate bids** from the approved and eligible contractors of appropriate class of CPWD for the following work.

S. No.	NIT No	Name of work & location	Estimated cost put to bid	Earnest Money	Stipulated period of completion of work (in months)	Last date & time of submission of bid, original EMD, copy of receipt for deposition of original EMD and other documents as specified in the press notice.	Time & date of opening of bid
1	2	3	4	5	6	7	8
1	**30/EE/RMLD/2026-27**	**A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH:- Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).**	**Rs. 48,53,863/-**	**Rs. 97,077/-**	**4 months**	**Upto 15:00 Hrs. On 12/11/2026**	**12/11/2026 at 15:30 Hrs.**

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://etender.cpwd.gov.in free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receiptsor/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of https://etender.cpwd.gov.in
6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instructions available on download section of https://etender.cpwd.gov.in.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. Bidders are advised to keep visiting the above-mentioned web sites from time to time (till the deadline for bid submission or/and extended date of bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.
11. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers him self eligible and he is in possession of all the documents required.

Provision for Labour Camp": (No.CSQ/C&M/C37 (8)/2005/688, dated. 07.07.06.

12. **The contractor shall have to make his own arrangement for housing facilities for staff and labour away from maintenance site and shall have to transport the labour between construction site and labour camp at his own cost. No labour huts will be allowed to be constructed at the site. The decision about store at site shall rest with the Engineer-in-charge and the contractor shall have no claim on this account.**
13. **C.P.W.D Contractor's Labour Regulations:-**

Payment of Wages (as per DG, CPWD OM No. DG/SE/CM/CON/283 dated 05.05.2015)

(i) Wages due to every worker shall be paid to him direct by contractor through Bank or ECS or online transfer to his bank account.
(ii) All wages shall be paid through Bank or ECS or Online Transfer.
(iii) Shall be the duty of the contractor to ensure the disbursement of wages through bank account of labour.
(iv) The contractor shall obtain from the junior Engineer or any other authorized representative of the Engineer-in-charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage cum-Muster Roll" as the case may be in the following form:- "Certified that the amount shown in column No……has been paid to the workman concerned through bank account of labour on……at……."

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

I. Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.

II. Enlistment Order of the Contractor.

III. GST Registration Certificate if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.

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

IV. **Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD documents shall be issued from the place in which the office of receiving division office is situated).**
All intending tenderers/bidders who have uploaded/submitted their tenderers/bids, the original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. **(The EMD documents shall only be issued from the place in which the office of receiving division office is situated).The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.**

V. Copy of PAN of the tendering bidder(s).

VI. **Certificate of ERP Training through any of the CPWD Regional Training Institutes (RTIs) or through the National CPWD Academy (NCA), Ghaziabad or through any other special training arranged by ERP unit at CPWD Headquarter**.

VII. Undertaking by contractor on his Letter-Head in the following format:
"I/We Declare that, I/We have not been Debarred/Blacklisted by Central Government/State Government."

VIII. Intending bidders may provide their **e-mail ID and Mobile No.** So that information regarding acceptance of bid can be informed through e-mail also.

Note:- **In case bidder does not submit document at Sl. No. (i), (ii), (iii), (iv), (v), (vi) & (vii) his bid will be summarily rejected and no further document shall be examined.**

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

CPWD-6 for e-Tendering

Percentage rate bids are invited on behalf of the President of India from approved and eligible contractors of appropriate class of CPWD for the work of:- **A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).**

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

1.1 The work is estimated to cost to **Rs. 48,53,863/-** this estimate, however, is given merely as a rough guide.

1.2 Intending bidders 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 in "information & instruction for contractors for etendering".

2. Agreement shall be drawn with the successful bidder on prescribed Form No.**C.P.W.D.-7** (or other standard Form as mentioned) which is available as a Govt. of India Publication and also available on website https://etender.cpwd.gov.in. Bidders 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 **4 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 drawing for the work is available.**~~

5. The bid document consisting of plans, specifications, the schedule of quantities of the 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://etender.cpwd.gov.in or www.cpwd.gov.in 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.

8. Earnest Money in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of "**Executive Engineer, DR. RML Hospital Division, CPWD, New Delhi**)" shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of Earnest Money of Bank Guarantee of any Commercial Bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders. The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission.

However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within seven days physically in the office of tender opening authority.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD deposited with any division office of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at **15:30 Hrs. on 12/11/2026**

9. The bid submitted shall become invalid if:-

(i) The bidder is found ineligible.

(ii) The bidder does not deposit original EMD either in the office of Executive Engineer inviting bids or with division office of any Executive Engineer, CPWD (The EMD documents shall only be issued from the place in which the office of receiving division office is situated).

(iii) The bidder does not upload all documents (including GST registration) as stipulated in the bid document including the copy of receipt for deposition of original EMD instrument.

(iv) 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 tenderer in the office of tender opening authority.

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

10. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher) and including the additional performance guarantee as mentioned in schedule – E and within the period specified in Schedule F. This guarantee shall be in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank drawn in favour of Executive Engineer, CPWD, Dr.RML Hospital, New Delhi 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 contractor shall be suspended for one year shall not be eligible to bid for CPWD tenders from date of issue of suspension order. The Contract or whose bid is accepted will also be required to furnish he it her copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC, and BOCW Welfare Board and including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the associate contractors, if any engage by the contractor for the said work within the period specified in schedule F.

11. The Description of the work as follows: **A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).**

12. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstance which may influence or effect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents 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 plants 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 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.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

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 CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. 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.
18. **The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids. Further.**

(i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7days after last date of submission of bids, then the Government shall without prejudice to anyother right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then theGovernment shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance fort hework is issued or not.

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

(iv) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

19. This Notice inviting Bid shall form a part of the contract document. The successful bidder/ Contractor, on acceptance of his bid by the Accepting Authority, shall within 4 months 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** or other standared CPWD Form as applicable (with upto date amendments & corrections).
20. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned ExecutiveEngineer/ Assistant Engineer (E- mail Id *.....) or ERP helpline no.18001803286 or e-mail lD cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

IMPORTANT POINTS TO BE OBSERVED BY BIDDERS BEFORE SUBMISSION OF TENDERS

1. The bidder shall see the site of work physically, its accessibility, way and means for mobilization and manpower at hospital site etc. and other related activities before quoting his rates. The quoted rates shall be for carrying out complete activities of work including all materials, T&P, labour, carriage and other inputs. Unless otherwise specified no claim whatsoever will be admissible on this account.

2. The contractor shall engage all manpower as per requirement of work and make all arrangements to make their permission passes from the concerned Hospital Authorites/Local authorities as per prevailing bylaws/restrictions, if any, for working at site of work as the site is located at Dr.RML Hospital premisis at DIZ Area, New Delhi. Nothing extra shall be paid on this account.

3. The work is carried out in the reputed Dr. RML Hospital premises at DIZ Area, New Delhi where daily huge footfall about of eight thousand patients and their attendants, office staff, securities persons etc. Progress of work may suffer due to restriction from working hours as the hospital authorities may ask to differ time for work from normal working hours for health safety of patients. The Bidder should quote his rates accordingly keeping the above conditions in mind. The labour and machinery might have to work during odd hours as well from safety point of view and in coordination with hospital authorities. No claim whatsoever shall be admissible on this account.

4. This work is of paramount importance and to be carried out with due diligence as the work will be used by the hospital staff and patients. Bidders are advised to take such urgency and importance into account before quoting rates.

5. The intending bidders should visit the site and ascertain the site conditions etc. The site will be handed over on “as is where is” basis in parts or full. No claim whatsoever shall be entertained by the department on this account.

6. The contractor must have to ensure not to damage the existing structures if any coming at site or on the way to access the site. The damage done, if any by the contractor shall be made good at his or her own risk & cost. No claim whatsoever shall be entertained by the department on this account.

7. If required, the work may be open to inspection by ‘Third Party’ as nominated by Engineer-in-charge and contractor shall fully co-operate and provide necessary assistance during the inspections. The contractor shall comply with the observations of such ‘Third Party’ inspections/quality control team and provisions of Clause-16 of GCC-2023 for maintenance/construction work shall be applicable in this regard.

8. The contractor has to adhere to all the rules and conditions as stipulated by local Administration of statutory authorities Delhi for execution of the work such as installation of Plants & Machineries, labour issues, etc. and abiding with all rules and regulations laid down by the statutory authorities from time to time. In case of any default, it will be the sole responsibility of the contractor for any repercussions thereof. Any legal and administrative issues on this subject with statutory authorities Delhi shall be the sole responsibility of the contractor. However, for the purpose of making any formal request required to be made by the department. The Engineer-in-charge shall facilitate in the matter. No claim whatsoever shall be admissible on this account.

9. Any payments required to be paid to statutory authorities Delhi related to installation, erection, operation, maintenance and transportation of machineries for working at site shall be borne by the contractor. Contractor will also obtain any further clearances as and when required from statutory authorities Delhi.

10. Mandatory recoveries shall be made from the running account bills as per prevailing norms during course of execution.

11. The Security Deposit shall be refunded after the prescribed period as stipulated in the agreement or after the final bill has been passed after the work is handed over to hospital authorities in all respect, whichever is later. No claim whatsoever shall be admissible on this account. This condition will be read with the provisions of clause-17 of GCC-2023 for maintenance/construction work.

12. The Contractor himself or his authorized representative will join the inspection team, fixed to hand over the completed work to RML hospital authorities and is bound to rectify all defects pointed out/intimated by the board members and nothing extra will be paid on this account. If he fails to do so, the defects will be rectified at his risk & cost by the department and will be recovered from his security deposits and/or any other dues lying with the Department.

13. The contractor has to start the work after submitting the work programme duly approved by the Engineer-in-charge. Physical progress shall be similar to the work programme submitted by the contractor and in accordance with the mile stone as in schedule 'F'.

14. There may be some restrictions imposed by the hospital authroties, in movement and execution of the work or may be asked to execute the work at particular time, may be in the night conditions and may be with limited labour and machineries for security and safety reasons of the patients. The Bidder should quote his rates accordingly keeping the above conditions in mind and no claim whatsoever shall be admissible on this account except grant of suitable Extension of Time.

15. As the work is to be carried out in the running hospital and due to space crunch site may be made available in phased manner. First phase site to be complete and handed over for the hospital authorities for use and then second phase may be made available so that day to day work of hospital may not suffer. No claim what so ever shall be entertained on this account.

16. No claim whatsoever shall be admissible for idling of labour and machineries due to any reason. It is expected that the successful bidder will engage, manage, man, machinery, material and money flow accordingly.

17. The contractor shall provide safety jacket, helmet & safety belt etc. to his worker at site of work. Nothing extra shall be paid to contractor in this account.

Executive Engineer
RML Division
CPWD, New Delhi

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

के.लो.नि.वि. /C.P.W.D.-7

भारत सरकार GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT

राज्य STATE :- **New Delhi** परिमंडल CIRCLE:- **Delhi Circle- 9**

शाखा BRANCH :- **B & R** मंडल DIVISION :- **RML Division**

Sub-Division – IV

सिविल कार्यो के लिए मद दर निविदा एवं संविदा
Percentage Rate Tender & Contract for Civil Works

Percentage rate tender for the work of:- **A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).**

Bids to be submitted online by **15:00 Hrs. on 12/11/2026**

(i) To be opened on line in presence of bidders who may be present at **15:30 Hrs. on 12/11/2026** **in the office of EXECUTIVE ENGINEER, RML DIVISION, CPWD, NEW DELHI.**

Issued to …….. Bid document made available On line to the agency.

Signature of the Officer issuing the documents. On line uploading authority

Designation: EXECUTIVE ENGINEER, DR. RML HOSPITAL DIVISION, CPWD, NEW DELHI.

Date of issue…….. **As per NIT**

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

निविदा **T E N D E R**

मैंने/हमनें कार्य के लिए निविदा आमंत्रण सूचना, अनुसूची क,ख,ग,घ,ड., और च, लागू विनिर्देश, नक्शे एवं डिजाइन, सामान्य नियम एवं निर्देश, ठेके के उपबंध, विशिष्ट शर्ते, दर अनुसूची एवं अन्य कागजात तथा ठेके की शर्तो में दिए गए नियम तथा निविदा कागजात में उल्लिखित अन्य बातों को पढ़ व जांच लिया है।
I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F. Specifications applicable. Drawings & Designs, General Rules and Directions, Conditions of Contract, clause of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender documents for the work.

मै/हम, एतत्द्वारा भारत के राष्ट्रपति के लिए अनुसूची 'च' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य, यथा–मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देशों, डिजाइनों, नक्शों के अनुरूप तथा सामान्य नियमावली के नियम–1 और ठेके की शर्तो के खंड–11 में उल्लिखित लिखित अनुदेशों एवं ऐसी सामग्रियों, जो प्रदान की जाती है और उसके संबंध में, ऐसी शर्ते जो लागू हो, के अनुरूप निष्पादन हेतु निविदा देता हूं/देते है ।
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 respects in accordance with, such conditions so far as applicable.

हम निविदा को, इसके खोले जाने की अन्तिम तारीख से 30 (तीस) दिन के लिए खुला रखने तथा इसकी शर्तो एवं निबंधनों में किसी प्रकार का परिवर्तन न करने के लिए सहमत हैं।
We agree to keep the tender open for **Thirty (30) days** from the due date of its opening and not to make any modifications in its terms and conditions.

~~रु. ''''''/- की धनराशि, धरोहर राशि के रूप में नकद/ट्रेजरी चालान रसीद/अनुसूचित बैंक की मॉग जमा रसीद/अनुसूचित बैंक की सावधी जमा रसीद/ अनुसूचित बैंक के डिमांड ड्राफट/अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में एतद्द्वारा अग्रेषित की जाती है। यदि मैं/हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्रस्तुत करने में असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के उक्त राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकारी या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिए पूर्णतया स्वतंत्र होगें। इसके अलावा, यदि मैं/हम विनिर्दिष्ट कार्य प्रारम्भ करने के असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि, तथा निष्पादन गारंटी जब्त करने के लिए पूर्णतया स्वतंत्र होगें अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'च' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खण्डों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूति–निक्षेप के रूप में रोक ली जायेगी। इसके अतिरिक्त मैं/हम सहमत हैं कि बयाना राषि या बयाना राषि तथा उपर्युक्त निष्पादन गारंटी जब्त हो जाने के मामले में मुझे/हमें कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।~~

A sum of **Rs. 97,077/- is here by forwarded in** Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee issued by a Commercial Bank as earnest money in favour of Executive Engineer, Dr. RML Hospital Division, CPWD, New Delhi. If I/we, fail to furnish the prescribed performance guarantee within prescribed period. I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely, The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentge mentioned in schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in caluse 12.2 and 12.3 of the tender form. Further I/we agree that in case of forfeiture of Earnest money or both earnest money & Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of the work.
I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD 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.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

मैं/हम एतत् द्वारा घोषणा करते है कि मै/हम निविदा कागजातों, नक्शों और कार्य से संबंधित अन्य अभिलेखा को गुप्त/गोपनीय कागजात के रूप में रखेगे और उनसे प्राप्त/ली गई जानकारी किसी अन्य को, जिन्हें मैं/हम सूचित करने के लिए प्राधिकृत हो, से भिन्न किसी को,नहीं बताएगें या जानकारी को किसी ऐसे रूप में प्रयोग नही करेंगे जो राज्य की सुरक्षा के लिए प्रतिकूल हो।

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 therefrom to any person other than a person to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety of the State.

तारीख Dated .....
ठेकेदार के हस्ताक्षर Signature of Contractor
डाक पता Postal Address #
साक्षी Witness : #
पता Address: #
उपजीविका Occupation : #

स्वीकृति /ACCEPTANCE

मै भारत के राष्ट्रपति की ओर से तथा उनके लिए रु0 :- ---------- (रूपए----------
----------)
की राशि के लिए उपर्युक्त निविदा (अधोलिखित पत्रों के अनुसार परिवर्तित) स्वीकार करता हूं।
The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. _____
(Rupees_____

नीचे दिए गए पत्र इस ठेका करार का हिस्सा होंगे।
The letters referred to below shall form part of this contract Agreement:-

I)

ii)

iii)

भारत के राष्ट्रपति की ओर से तथा उनके लिए
For & on behalf of the President of India.

हस्ताक्षर Signature .....
पदनाम Designation .....

तारीख Dated .....

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

सिविल कार्यों' की अनुसूचियां SCHEDULES FOR CIVIL WORKS

अनुसूची 'क' SCHEDULE 'A'

मात्राओं की अनुसूची (संलग्न)

Schedule of quantities at **Page No. 44-52**

अनुसूची 'ख' SCHEDULE 'B'

ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची

Schedule of materials to be issued to the contractor. **Not Applicable**

क्रम. सं. S.No.	मद विवरण Description of item	मात्रा Quantity	जिस दर पर सामग्रियां ठेकेदार को प्रभावित होगी वह दर अंकों एवं शब्दों में Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5

-----NIL--------

(Material required for the work shall be arranged by the Contractor)

EXECUTIVE ENGINEER,
RML DIVISION,
C.P.W.D., NEW DELHI

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

अनुसूची 'ग' SCHEDULE 'C'

ठेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयत्र
Tools and plants to be hired to the contractor

क्रम सं. Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of issue
1	2	3	4

-- NIL-- (ALL T&P SHALL *BE ARRANGED BY THE AGENCY*)

अनुसूची 'घ' SCHEDULE 'D'

कार्य के लिए विषेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची
Extra schedule for specific requirements/documents for the work, if any

(i) Important points to be observed by bidders before submission of tenders — Page No. 9-10
(ii) General/Additional Conditions — Page No. 22-25
(iii) Particular of specification — Page No. 26-29

अनुसूची 'ड' SCHEDULE 'E'

ठेके की सामान्य शर्तो का संदर्भ

1. Refrence to General Conditions of contract. — General Conditions of Contract for CPWD Works 2023 with correction slips issued pervious day of the last date of submission of the tender & market rates.

कार्य का नामः—

Name of work:- A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).

कार्य की अनुमानित लागत Estimated cost of work: : **Rs. 48,53,863/-**

(i) (a) धरोहर राषि Earnest money: : **Rs. 97,077/-**
(To be returned after receiving performance guarantee).

(ii) **निष्पादन गारंटी Performance guarantee** : **(a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher)**
(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

(iii) प्रतिभूति निक्षेपः **Security Deposit**: : **2.5% of tendered value.**

अनुसूची 'च' SCHEDULE 'F'

सामान्य नियम एवं दिशानिर्देशः
General Rules & Directions:
निविदा आमंत्रण करने वाला प्राधिकारी
Officer inviting bid - **EXECUTIVE ENGINEER (CIVIL), RML DIVISION, CPWD, NEW DELHI.**

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

कार्य की मदों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित मदों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के अनुसार होगा - निम्नानुसार

Maximum Item for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. Refer clause-12

परिभाषायें:– **Definitions:**

2(v) भारसाधक इंजीनियर
Engineer-in-Charge **EXECUTIVE ENGINEER (CIVIL), RML DIVISION, CPWD, NEW DELHI**

2(viii) स्वीकार कर्ता प्राधिकारी
Accepting Authority **EXECUTIVE ENGINEER (CIVIL), RML DIVISION, CPWD, NEW DELHI**

2(x) अतिरिक्त और लाभों को पूरा करने के लिए सामग्रियों की लागत पर प्रतिशतता
Item on cost of materials and labour to cover all overheads and profits. **15%**

2(xi) दरों की मानक अनुसूची
Standard schedule of Rates: **Delhi Schedule of rate 2023 with correction slips issued pervious day of the last date of submission of the tender & market rates.**

2(xii) विभाग
Department **Central Public Works Department**

9(ii) मानक के.लो.नि.वि. ठेका फार्म ----------
तक संशोधित और शोधित के.लो.नि.वि.
Standard CPWD contract form General Conditions of Contract for CPWD Works 2023 (Maintenance work) along with up-to-date correction slips issued pervious day of the last date of submission of the tender.

खण्ड–1

(i) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय, दिनों में।

Clause1

i) Time allowed for submission of Performance Guarantee, **Programme Chart (Time and progress) and applicable Labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof** from the date of issue of letter of acceptance. **7 days**

एक्सटेंशन, दिनों में

ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above…. **3 days**

खण्ड Clause 2 खण्ड 2 के तहत प्रतिकर निश्चित करने वाला प्राधिकारी
Authority for fixing compensation under clause 2 **SUPERINTENDING ENGINEER, DELHI CIRCLE-IX, CPWD, NEW DELHI.**

खण्ड Clause 2 क. क्या खण्ड 2 क लागू होगा।
Whether Clause 2A shall be applicable **No**

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

खण्ड Clause 5 कार्य आरम्भ करने की तारीख की गणना के लिए स्वीकृति पत्र जारी होने की तारीख से दिनों की संख्या.....दिन
Number of days from the date of issue of letter of acceptance for reckoning date of start. **10 days**

लक्ष्य मील–पत्थर। सारणीः लक्ष्य नीचे दी गई सारणी अनुसार

MILE STONE (S) AS PER TABLE GIVEN BELOW:

TABLE OF MILE STONE (S)			
Sl. No.	**Description of Milestone (Physical)**	**Time Allowed in Month (From the date of Start)**	**Percentage of tendered Amount (Major Component) to be with held**
1	1/8 of the whole work	1/4th Time allowed	In the event of not achieving the milestone as assessed from the running payments, 1.25% of the tendered value of work will be withheld for failure of each milestone.
2	3/8 of the whole work	1/2nd Time allowed	
3	5/8 of the whole work	3/4th Time allowed	
4	Full work	Full Time allowed	

कार्य निष्पादित करने के लिए अनुमत्य समय
Time allowed for execution of work **4 months**

निर्णायक प्राधिकारी – **Authority to convey the decision of shifting of milestone and extension of time -**

1. समय विस्तार ..... (प्रभारी कार्यपालक अभियंता या संयुक्त संविदा के मामले में कार्य के मुख्य हिस्से के प्रभारी अभियंता, जैसा भी मामला हो)
   Extension of time.....**Executive Engineer (CIVIL), RMLD, CPWD, New Delhi**

2. उपलब्धियों का पुनः अनुसूचिकरण ..... (प्रभारी अधीक्षण अभियंता, या संयुक्त संविदा के मामले में कार्य के बड़े अवयव के प्रभारी अधीक्षण अभियंता, जैसा भी मामला हो)

   RESCHEDULING OF MILE STONES.....**Superintending Engineer, DELHI CIRCLE-IX, CPWD, NEW DELHI**

3. Shifting of date of start in case of delay in handing over of site..... **Superintending Engineer, DELHI CIRCLE-IX, CPWD, NEW DELHI**

PRPFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Part	**Portion of site**	**Description**	**Time Period for handing over reckoned from date of issue of intent**
Part A	Porition without any hindrance	Full site available	As per LOI
Part B	Portions with encumbrances	--do--	Not applicable
Part C	Portions dependent on work of other agencies	--do--	Not applicable

खण्ड Clause 6
खंड लागू – (6) / Clause applicable –(6)

EMB (Electronic Measurement Book)
(As per circular DG/CON-Maintenance-2020/338 dt. 13.04.2023)

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य
Gross work to be done together with net Payment/adjustment of advances for material

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

Collected, if any, since the last such payment
for being eligible to interim payment **Rs. 12.00/- Lakh**

खण्ड Clause 7A

Whether Clause 7A shall be Applicable **Yes**

Clause 10A

कार्यस्थल प्रयोगषाला में ठेकेदार द्वारा उलब्ध कराये जाने परीक्षण उपकरण की सूची

Equipment required for field test as per specification provided by the contractor at site lab for the item under execution as per agreement.

List of testing equipment to be provided

Clause 10 B (ii) - Whether Clause 10 B (ii) shall be applicable: **No**

Clause 10C **Not Applicable**

Component of labour expressed as percent of value of work =

Clause 10CA **Not Applicable**

Authority to issue base price of material
s

S. No.	**Materials Covered under this clause:**	**Nearest Materials (other than cement*, reinforcement bars, the structural steel and POL) for which All India Wholesale Price Index to be followed:**	**Base Price and its corresponding period of all the Materials covered under clause 10 CA***
1	Cement PPC	---NA---	
2.	Steel reinforcement		

❖ For cement & TMT reinforcement the indices issued by the DG, CPWD shall be applicable.

खण्ड. 10CC खण्ड 10गग उन संविदाओं पर लागू होगा जिसमें कार्य समापन की अवधि, अगले कालम में दर्शायी गई अवधि से अधिक अनुबंधित है। NOT APPLICABLE

Clause 10CC- Clasue 10CC to be applicable in contracts
With stipulated period of completion exceeding
The period shown in the next column. NOT APPLICABLE

मूल्य वृद्धि के लिए अन्य सामग्री, श्रम, पी.ओ.एल. आदि के घटकों की अनुसूची।
Schedule of component of other Materials, Labour, POL etc. for price escalation.
निर्माण कार्य सामग्री के लिए सिविल घटक (खंड 10 ग के अन्तर्गत शामिल सामग्रियों को छोड़कर)/वैधुत कार्य में कुल मूल्य के प्रतिषत के रूप में प्रदर्षित
Component of Civil - Xm.....NIL.....%
Electrical construction materials expressed
as percent of total value of work
श्रम के घटक के कुल मूल्य की प्रतिषत के रूप में प्रदर्षित

NIL

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

Component of Labour expressed as percent of total value of work — Y……..%

पी.ओ.एल. के घटक–कार्य के कुल मूल्य के प्रतिषत के रूप में प्रदर्षित

Component of POL expressed as percent of total value of work — Z.NIL……..%

खण्ड Clause 11 कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश

SPECIFICATIONS TO BE FOLLOWED FOR EXECUTION OF WORK:-

CPWD Specification 2019 Vol.-I & II with correction slip issued pervious day of the last date of submission of the tender & manufacture specification.

खण्ड – Clause 12: Type of work:- **Maintenance work**

खण्ड– Clause 12: Authority to decide deviation
(a) upto 1.25 times of contract amount
(b) Beyond upto 1.25 times upto 1.5 times of contract amount

With recorded reasons

(a) Engineer-in-charge.
(b) SE/CE (As applicable)

खण्ड– Clause 12

12.2 & 12.3 — Deviation limit beyond which clause 12.2 & 12.3 shall apply for building works.

No limit

The completion cost of agreement should not exceed 1.5 times of tendered amount.

Clause 12.5

(i) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work sub-head in DSR and related items)

(ii) Deviation limit for items mentioned in earth work sub-head of DSR or related items…

खण्ड Clause 16

घटी हुई दरे निर्धारित करने की लिए सक्षम प्राधिकारी

Competent Authority for deciding reduced rates .

(i) **SE, DC-IX, CPWD New Delhi; upto 5% of the contract value**
(ii) **Full Power ADG (DR), New Delhi.**

खंड –Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनरी, औजार एवं सयंत्रों की सूचीः

List of mandatory machinery, tools & plants to be deployed by the contractor at site:- **As per direction of Engineer-in-charge and contract specification provision per site requirements**

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

Clause 19 C	…….. Authority to decide penalty for each default	Engineer – in - charge or his successor
Clause 19 D	…….. Authority to decide penalty for each default	Engineer – in - charge or his successor
Clause 19 G	…….. Authority to decide penalty for each default	Engineer – in - charge or his successor
Clause 19 K	…….. Authority to decide penalty for each default	Engineer – in - charge or his successor

Clause 25

(i) Counciliator — **ADG (DR)**

(ii) Arbitrator Appointing Authority — **SE, DC- IX**

(iii) Place of Arbitration — **New Delhi**

खण्ड– CLAUSE 32 (i): -

Requirement of Technical Representative(s) and Recovery Rate

S.No.	Requirement of technical staff		Minimum Experience (Years)	Designation of Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32(i)	
	Minimum Qualification of Technical Representative	Number (Civil Work)				
					Figures	Words
1	Graduate Engineer **Or** Diploma Engineer	**1**	2 **Or** 5 Respectively	Project Manager cum Planning /Quality/ Site/ Billing Engineers)	Rs. 15,000/- (per month per person)	Rs. Fifteen Thousand only/ (Per Month)

Assistant Engineer retired from Govt. services that are holding Diploma will be treated at par with Graduate Engineer. Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at per 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.

खण्ड Clause 38

I) क) केलोनिवि द्वारा मुद्रित दिल्ली दर अनुसूची - **2023** के आधार पर सीमेन्ट और बिटुमन की अनुमानमूल मात्रा निर्धारित करने के लिए अनुसूची / विवरण

I) (a) Schedule/statement for determining theoretical Quantity of cement & bitumen on the basis of Delhi Schedule of **Rates 2023** up to dated.

II) अनुमानमूलक मात्राओं में अनुमत्य विचलन
Variations Permissible on Theoretical Quantities

क) सीमेन्ट जिन कार्यो के लिए निविदा में अनुमानित मूल्य रू. 25 लाख से अधिक न हो — 3 प्रतिशत जमा / घटा

a) Cement
For works with estimated cost put to tender not more than Rs. 25 lakhs — 3% plus/minus.

जिन कार्यो के लिए निविदा में अनुमानित मूल्य रू. 25 लाख से अधिक हो — 2 प्रतिशत जमा / घटा

for works with estimated cost put to tender more than Rs. 25 lakhs — 2 % plus/minus.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

ख।)	बिटुमन सभी कार्यो के लिए	2.5 प्रतिषत केवल जमा और घटा के पक्ष में शून्य
b)	Bitumen for all works	2.5% on plus side & nil on minus side.
ग)	इस्पात प्रत्येक व्यास, कोट और श्रेणी के लिए पूनर्वलन और संरचनात्मक इस्पात काट	2 प्रतिशत जमा/घटा
c)	Steel Reinforcement and structural steel sections for each diameter, section and category.	2% plus/minus
घ)	सभी अन्य सामग्रियां	शून्य
d)	All other materials	Nil.

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

(a) Civil Work

S.No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1	Cement	Nil	Less use beyond the permissible variation not allowed and liable to be rejected.
2	Steel Reinforcement	Nil	
3	Structural Steel	Nil	

GENERAL CONDITIONS

1. The work shall be carried out as per CPWD specifications 2019 Vol I & II with upto date correction slip to the date of receipt of tender. Where CPWD specifications are silent, relevant B.I.S. codes shall be applicable. If the item is not available in the relevant B.I.S. codes then the decision of the Engineer-in-charge shall be final.
2. The contractor has to make his own arrangement for all the materials required for the work and get them approved from the Engineer-in-charge before using the same in the work.
3. The dismantling wherever required shall be done in a manner that no other portions of the building or its fixtures are damaged. If any damage is done to the building it will be made good by the contractor at his own cost and no claim what so ever will be entertained on the work.
4. **The contractor must get himself acquainted with the proposed site for the works and study specifications and conditions carefully before tendering, no claim whatsoever on this account shall be entertained later on.**
5. The work shall be carried out complying in all respects with the requirement of relevant bylaws of the N.D.M.C. or any other local body.
6. All incidental charges of any kind for the materials to be arranged by the contractor whatsoever including cartage, storage, cutting and wastage etc. shall be borne by the contractor himself and nothing extra will be paid to him on this account.
7. The contractor shall have to carry out the work according to the programme mutually decided between him and the Engineer-in-charge of the work. No claim for idle-labour on any account shall be entertained.
8. Necessary recoveries such as water charges, Income Tax, GST, Labour welfare cess etc. as per applicable rate shall be made from the any amount due to the contractor.
9. **The quantities of items should not be executed beyond the agreement quantities without prior permission of the Engineer-in-Charge.**
10. Contractor will have to make his own arrangement for tools and plant & machinery required for the work and department will not supply any tools and plants.
11. The contractor should study the General Conditions of Contract before tendering. This shall be the part of the agreement. It is available in the office of EE/AE & in market.
12. Testing charges shall be borne by the contractor in all cases. All expenditure to be incurred for testing of samples e.g. packing, sealing, transportation, loading, unloading etc including testing charges shall be borne by the contractor, for the testing from the laboratories approved by ADG/SDG time to time.
13. Any damages done to the electric fittings, installations, while using them shall be made good by him at his own cost.
14. **Dr. RML Hospital is facing space crunch as of now due to some big construction activities going on and also due to heavy patient rush. Accordingly, agency has to make their own arrangements for stay of their workers and for the construction of the store also, outside the Hospital complex. Agency shall quote their rates keeping in mind the said situation. Nothing extra shall be paid over and above the quoted rates.**
15. The rates of items include all leads, lifts, heights etc. No extra payment shall be made on any account.
16. **If contractor uses electricity of department, a recovery @ 0.5% shall be made on gross bill amount from each bill. If no electricity is required, then no recovery shall be made on this account.**
17. Site may be made available in parts. The contractor shall start the work within 72 hours from the time the instructions to execute the work are given through site order book/letter/ or otherwise.
18. Agency shall be fully responsible for watch and ward of site, fittings etc. till the work is completed and accepted/taken over by the department. Nothing extra shall be paid for same.
19. The contractor shall make his own arrangement of water required for the work as per clause 31 of the general conditions of the contract for CPWD works and clause 31A of the said conditions stands deleted. However 1% (one percent) water charges shall be recovered on the gross amount of bill from the contractor, if government water is used.
20. Other agencies working at site may also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.
21. The Contractor's Engineers should present at the site on all working days or as working hours allowed by Engineer-in-charge shall carry mobile phones to enable the Engineer-in-charge to have proper communication with them. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.
22. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff and/or labour. The contractor shall adhere to CPWD Safety Code as given in GCC 2023 for Construction/maintenance works. No claim whatsoever in this regard shall be entertained/accepted by the department.

Executive Engineer/RMLD
CPWD, New Delhi

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

ADDITIONAL CONDITIONS

1. Inspection of materials and work: All the materials brought to the site by the contractor for use in the work as well as fabricated work shall be subject to inspection and approval by the Engineer-in-charge.
2. Removal of rejected materials: In case any materials are rejected by the Engineer-in-Charge, the same shall be removed from the site within 48 hours, failing which the same may be got removed by the Engineer-in-charge at the risk and cost of the contractor.
3. Manufacturer's Test Certificate: The contractor shall produce Manufacture's Test Certificate for material supplied by him & for use in work at site. The test(s) shall be carried out as per relevant specifications/ BIS Code as directed by Engineer-in-charge.
4. Contractor should ensure the availability of material at site duly tested as per specifications and approved by the Engineer-in-charge. Dismantling etc. shall not be carried out before the availability of approved material at site. The decision of Engineer-in-Charge shall be final and binding.
5. Area such as corridor, rooms etc. are to be should be cleaned every day. Wherever the malba / rubbish occurs on account of work at upper floors / roof, the same shall be brought down through stair case or with some mechanical arrangement only and shall not be thrown to the ground directly from upper floors and has to be disposed off at specified dumping point in the area. In no case malba / rubbish / unserviceable material or Construction material shall be stacked or dumped near the staircase / path /road berms / road / lawn / outside premises even for temporarily purpose. **The contractor shall have to make all the arrangement for Carriage, stacking and disposal of malba/dismantled unservicable at the specific location in the hospital campus at his own cost. Nothing extra shall be paid for placing the malba at specific approved point, even for lead exceeding 50 metre & lift exceeding 1.5 Metre, as specified in the item.**
6. If the contractor fails to comply the above conditions for removal / disposal of malba, a fine of Rs.500/- for each fault per day shall be recovered from the contractor. The department may remove the malba so generated and dumped, by issue a notice or instruction through site order book at the risk and cost of the contrctor. (In this case, item for disposal of malba at approved municipal ground shall not be paid).
7. No claim / dispute shall be entertained on the conditions at any stage either during execution of work or after completion of work and decision of the Engineer-in-charge shall be final and binding.
8. Unless and until specified in the item the contractor shall make his own arrangement for lifting / hoisting / placing of steel girders / steel sections by suitable arrangement either manually or by mechanical crane etc. as approved by the Engineer-in-charge upto all heights in the building at no extra cost.
9. The contractor shall stack the building materials away from the building at site as approved by the Engineer-in-charge and nothing extra for lead / lift of material for bringing the materials manually in the premises shall be paid.
10. During execution of work the agency may have to dismantle certain existing items of the work other than taken in schedule of quantity. This dismantled materials received during demolition, if not taken back by the Department, shall be recovered at the rates as follows: -
    a) Wooden window/doors/shutters with or without frames shall be recovered @ Rs.200/- per Sqm except M.S. bars.
    b) Sectional windows / steel door windows / C.I / G.I. Pipes etc. at Rs. 30/- per Kg.
    c) Old C.I. flushing cistern including fittings at Rs. 250/- per cistern.
    d) Aluminium sections, tees, angles, channels etc. at Rs. 160/- per kg.
    e) Plyboards / flushing cistern & other PVC materials etc.Rs. 12/- per kg by weight.

    The decision of Engineer in charge for dismantled materials to be taken back & for mode of payment & for recovery etc. shall be final and binding.
11. The contractor shall at his own cost make arrangement for weighing of the dismantled materials at site of work.
12. The dismantled bricks, brick tile and red sand stone shall be accounted for recovery from the contractor at rate described below:-

S. No.	Item	Cement mortar	Mud mortar	Recovery rate
1	Bricks	297 nos. or actual quantity which ever is more in one cum of brick work dismantled	371 nos. or actual quantity which ever more in one cum of brick work dismantled	Rs. 3500/- per thousand.
2	Brick tiles	228 nos. or actual quantity which ever is more per ten sqm area dismantled		Rs. 3500/- per thousand.
3	Red sand stone of any thickness	60% of area dismantled or actual quantity which ever more		Rs. 150/- per sqm.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

13 Before starting the work the contractor shall chalk out a programme in consultation with the Junior Engineer /Assistant Engineer-In-charge as to inform the occupants at least one week ahead. The contractor shall have to adhere to this programme failing which contractor shall be responsible for any inconvenience caused lo the occupants. In order to ensure that the work is carried out according to the programme drawn up the contractor shall ensure adequate supply of the material and employ required labour strength for execution of work. In case contractor fails to arrange / employ adequate labour to stick the programme, the Engineer-in-charge may supplement the labour and cost of the labour shall be recovered from the contractor after issue of one day's notice to the contractor. No claim for idle labour shall be entertained. The contractor shall depute his representatives daily at site of work for the record of the department.

14 The contractor shall prepare one sample of all items which should be got approved from the Engineer-in-charge. Only on acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should be confirmed to the approved samples.

15 The contractor shall note that the items of work in any room shall be undertaken at one time, one after the other and completed at one stretch in time allowed for the same by the Engineer-in-charge.

16 The contractor and/or his authorized representative should see the site order book every day and get the compliance noted by the J.E. /A.E. / Engineer-in-charge.

17. The rooms/sites where the work is to be executed on any day shall be got approved from the representatives of the Engineer-in-charge at the site of work. No work shall be carried out in any room/site without the approval of the representative of the Engineer at the site of work. Such work carried out without the approval of the representative of the work shall be rejected and will not be measured and paid for.

18. The substandard work shall be rejected out-rightly. The decision of the Engineer-in-charge shall be final and binding in this regard.

19. Nothing extra shall be paid to the contractor for excess consumption of materials in case of material arranged by him.

20. Any damages done to the existing structure shall be made good by the contractor at his own risk and cost.

21. The rates of all items of work shall unless clearly specified include the cost of all labour, material and other aspects involved in the execution of work.

22. Due to security reason the contractor shall have to arrange timetable of labour according to the security staff and Engineer-in-charge instructions. The contractor should see the site before the execution of work.

23. The contractor shall make his own arrangement for getting the permission to ply the trucks from the traffic police.

24. Passes shall be arranged by the department for inside the building only.

25. The contractor shall be responsible for behaviour and conduct of his workers. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.

26. The contractor shall have to remove all splashes after completing the work. In case the splashes are not removed by the contractor the same shall be got removed by the Engineer-in-charge and necessary recovery for the cost of removal of splashes shall be made from the contractor.

27. The work shall be carried out in the manner complying in all respects with the requirement of relevant bye-laws of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.

28. For completing the work in time, the contractor might be required to work in two or more shifts including night shifts and no claim whatsoever shall be entertained on this account, notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulation and the agreement entered upon and/or extra amount for any other reason.

29. The contractor must take adequate precautions to ensure that no spillage of construction material/malba/building rubbish takes place on to the carriageway. Failure to observe this will make the contractor liable to pay compensation @ Rs. 100/- (Rs. One Hundred only) per day, per metre length of each carriage way as affected by spill over of any construction material, subject to a maximum of 5% (Five percent) of the estimated cost of the work put to the tender. The decision of Engineer-in-charge in this regard, shall be final and binding on the contractor.

30. The temporary warning lamps shall be installed at all barricades during the hours of darkness and kept lit at all times during these hours.

31. The malba/rubbish shall be disposed off by mechanical transport to the approved municipal dumping ground for which payment shall be made as per item in the agreement. The lead specified

in the agreement is indicative only. The rate to be quotated by the agency /contractor for disposal upto the approved municipal dumping ground shall be inclusive of all and nothing extra over and above the agreement item(s) shall be paid. If the quantum, of malba, so generated from the work is less than one truck load, the same shall have to be collected in wheel barrow /trolley and shall be dumped at the specified dumping point, approved by the Engineer in-charge, in the area and the same should be lifted as soon the one truck load is collected or within three days which ever is earlier. **Malba is to be disposed at nearest approved MCD dumping ground by mechanical transport as per direction of Engineer-in-charge. Payment will be made on production of MCD receipt.**

32. Water Proofing Work:-

The tenderer shall associate specialized agencies for water proofing work with **M.O.U. as per Annexure-A & Annexure-B** who have satisfactorily completed three water proofing works of similar nature of each costing not less than 40% of tendered amount of corresponding water proofing item, or two water proofing works of similar nature each costing not less than 60% of tendered amount of corresponding water proofing item or one similar work costing not less than 80% of tendered amount of corresponding water proofing item; during the last seven years ending last day of the month previous to the one in which tenders are invited. The value of executed works shall bebrought 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 previous day of last day of submission of tenders.

However, the main contractor shall also be eligible to carry out himself the water proofing works without associating any specialized agency provided they fulfil the above prescribed eligibility criteria.

GUARANTEE BOND:- Ten years guarantee bond of water proofing item in prescribed proforma, herewith shall be submitted by the contractor which shall also be signed by the contractor to meet their liability/liabilities under the guarantee bond.

10% of total cost of water proofing item (excluding cost of external plaster on masonary, if water proofing compound added in external plaster also) shall be retained as additional security deposit and the amount so withheld would be released after ten years from the date of completion of the entire work under the agreement. If the performance of the work done is found unsatisfactory and any defects noticed during the guarantee period, they shall be rectified by the agency within 10 days of receipt of intimation of defects in the work. If the defects pointed out are not attended to within the specified period, the same will be got done from another agency at the risk and cost of the agency. However, the security deposit deducted may be released in full against bank guarantee of equivalent amount in favour of Engineer in charge, if so decided by the Engineer in charge. The Security deposit against this item of work shall be in addition to the security deposit mentioned elsewhere in contract form.

33 The order of preference in case of any discrepancy as indicated under "Conditions of Contract" given in the General Conditions of contract for Central P.W.D. works 2020 Form may be read as the following:-

33.1 Description of Item in schedule of quantities.
33.2 Additional Specification and special condition, if any.
33.3 General conditions.
33.4 Contract clauses of General conditions of contract for Central P.W.D. works 2023 Form.
33.5 CPWD Specifications with upto date correction slips.
33.6 Architectural /Structural/Shop drawing.
33.7 Indian Standard Specifications/BIS.
33.8 Sound engineering practice.
33.9 Manufacturers Specifications.

34. Recovery of the dismantled (Unserviceable) material:-

During the execution of the work if any dismantled material found to be unserviceable and credit to the work the rates should not be less than are as (i) Fuel Wood/PVC material and the like similar materials @ 12/- per kg. (ii) GI Pipe/SCI Pipe/MS Grill/CI Pipe etc. and the like similar materials @ Rs. 30/- per kg (iii) CP Brass/Brass etc. & the like similar material @ 350/- & (iv) Aluminium material etc. and the like similar materials @ 160/- per kg (should not be less than as mentioned) and nothing extra shall be paid on account of these materials.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

PARTICULAR SPECIFICATIONS

1. The work, in general, shall be executed as per description of item, specifications attached, updated CPWD Specifications, MoRTH Specification with correction slips issued up to the date of receipt of tender and relevant BIS Codes, BSEN codes, ISO Codes & ASTM Codes.

2. All the works unless otherwise specified hereinafter or permitted by Engineer-in-charge shall be done in accordance with the latest editions of CPWD specification and relevant BIS Codes, BSEN codes, ISO Codes & ASTM Codes as on the date of receipt of tenders or any other specified code.

   Any additional standard specifications or criteria published by the BIS or other foreign standard and in practice upto the date of receipt of tenders shall also taken into account. In the absence of any definite provisions an any particular issue in the above mentioned specifications / relevant BIS Codes, BS, EN codes, ISO Codes & ASTM Codes, the design and construction shall be in conformity with the Sound Engineering Practice and in all such matters the decision of the Engineer-in-charge shall be final and binding on the contractor and nothing shall be paid extra.

3. In case of any discrepancy or contradiction amongst the specified standards the following order of preferences shall generally prevail.

   i. Nomenclature of items etc. given in Schedule of Quantities.
   ii. Particular Specifications, Special conditions and additional specifications if any.
   iii. Drawings attached with the tender.
   iv. CPWD Specifications, 2019 Vol. I & II with up-to-date correction slips.
   v. MoRTH Specifications for Roads & Bridge works (Fifth revision) published by IRC.
   vi. Relevant BIS Codes with the latest revisions.
   vii. Relevant IRC Codes with the latest revisions.
   viii. International standards such as BS, EN, ASTM etc. and accepted international practice as approved by Engineer-in-Charge.
   ix. Sound Engineering Practice as per directions of the Engineer-in-Charge.

   If there are varying or conflicting provision made in any document forming part of the contract, the Engineer-in-charge shall be the deciding authority with regard to the Intention / interpretation of the document and his decision shall be binding without any reservations.

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

4.1 The contractor shall submit samples of brand / make of various materials to be used for the approval of the Engineer-in-Charge along with samples. All approved samples shall be displayed at the site office along with copy of the approvals.

4.2 The contractor shall submit shop drawings of staging and formwork arrangement etc. for the approval of Engineer-in-Charge. Unless stated otherwise, the rate for concrete in plain concrete or reinforced concrete or prestressed concrete, shall be deemed to include all formwork required in accordance with this Section, which shall not be measured separately. The contractor shall also submit bar bending schedule for approval of Engineer-in-charge before execution.

5. CONDITIONS FOR STEEL

5.1 The contractor shall procure steel reinforcement bars conforming to relevant BIS codes from main producers as approved by the ministry of Steel and secondary producers or re-rollers having valid BIS licence. For TMT bars conforming to relevant BIS code, procurement shall be made from main producers and secondary producers having valid BIS licence. The contractor shall have to obtain and furnish test certificates to the Engineer – In – Charge in respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer – In – Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week's time from written order from the Engineer-in-Charge to do so.

5.2 The contractor will produce original challan / voucher for purchase of steel reinforcement from approved manufacturer as a proof of having the steel reinforcement purchased from approved manufacturer**.**

5.3 The steel reinforcement shall be brought to the site in bulk supply of 10 tonnes or more or as decided by the Engineer–in–Charge. Every consignment of steel brought to site shall be accompanied with test certificate issued by the manufacturer.

5.4 The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion by applying coating of corrosion inhibitor slurry as per nomenclature of the item and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

5.5 For checking nominal mass, tensile strength, bend test, rebind test etc. specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below:-

Size of bar	**For consignment below 100 tonnes**	**For consignment over 100 tonnes**
Under 10mm dia	One sample for each 25 MT or part thereof	One sample for each 40 MT or part thereof
10mm to 16mm dia	One sample for each 35 MT or part thereof	One sample for each 45 MT or part thereof
Over 16mm dia	One sample for each 45 MT or part thereof	One sample for each 50 MT or part thereof

5.6 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in Clause-10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. No payment for excess consumption of steel shall be allowed. However, for consumption lesser upto the permissible theoretical variation, recovery shall be made in accordance with conditions of contract at schedule 'F' (CPWD-8), without prejudice to action for acceptance of work / item at reduced rate or rejection as the case may be.

5.7 Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in -Charge.

5.8 The mild steel and medium tensile steel bars to be used shall conform to IS: 432 and cold twisted bars and TMT bars shall conform to IS : 1786.

5.9 (i) Reinforcement including authorised spacer bars and lappages shall be measured in length of different diameters as actually (not more than as specified in the drawings) used in the work nearest to a centimetre. Wastage and unauthorized overlaps shall not be measured.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

(ii) Records of actual sectional weights shall also be kept diawise and lotwise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer - in - Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as Derived Actual Weight.

(iii) (a) If the Derived Weight as in sub - para (ii) above is lesser than the Standards weight then the Derived Actual Weight shall be taken for payment.

(b) If the Derived Actual Weight is found more than the Standard Weight, then the Standard Weight as worked out in sub - para (ii) above shall be taken for payment. In such case nothing extra shall be paid for the difference between the Derived Actual Weight and the standard weight.

5.10 **SPECIFICATIONS OF THERMO-MECHANICALLY TREATED BARS (TMT BARS)**

5.10.1 Thermo - Mechanically Treated Bars (TMT Bars) shall be used in all R.C.C. works. TMT Bars of Fe 415 grade conforming to IS - 1786 Specifications shall be procure from Main producers as approved by Min. of Steel and secondary producers having valid BIS licence.

5.10.2 Every care should be taken to avoid mixing different types of grades of bars in the same structural members as main reinforcement to satisfy clause 25.1 of IS: 456.

5.10.3 The point of change over shall be planned at any one particular level and shall be done through columns only. At the point of change over, it shall be necessary to increase the

area of main steel in columns by 10% and the length of lap of bars by 50%.

6. CONDITIONS FOR CEMENT

(i) The contractor shall Procure 43 grade (conforming to IS 8112) ordinary Portland cement, as required in the work, from reputed manufacturers of cement, having a production capacity of one million tonnes or more per annum, such as A.C.C., Ultratech, Birla, J.K. Cement, etc. as approved by Ministry of Industry, Government of India, and holding licence to use ISI certification mark for their product whose name shall be got approved from Engineer-in-charge. Supply of cement shall be taken in 50 kg. Bags bearing manufacturer's name and ISI marking.

(ii) The contractor shall assess theoretical requirement of cement to be used in the work. The cement shall be brought at site in supply of approximately 50% of the total assessed requirement or 100 bags which ever is more. In case assessed requirement is less than 100 bags, then agency has to bring whole quantity in one lot. However decision of the Engineer-in-Charge shall be final.

(iii) The cement godown of the capacity to store a minimum of 200 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. 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.

(iv) The contractor shall produce manufacturer’s test certificate for cement for each lot of cement, which the contractor has brought at site. The contractor shall also produce bill of purchase from manufacturer or their authorized dealer in addition.

(v) 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.

(vi) Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-Charge.

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

7. READY MIXED CONCRETE.

The contractors should declare at the time of tendering as to how he will arrange design mix concrete i.e. whether he would install fully automatic concrete batching plant at the site of work or would arrange design mix concrete from approved ready mix concrete plant. **The contractor shall procure RMC from the reputed manufacturers preferred make. In case, the RMC is procured by the contractor from the agency other than preferred make, approval of NIT making authority shall be essential.** Contractor should, however, note that no reason for delay on account of time taken in deciding Job Mix Formula shall be accepted. If the contractor decides to procure ready –mixed- concrete from RMC plants, he shall, within a week of award of the work, submit a list of at least three R.M.C. plant companies of repute along with the details of such plants indicating name of owner/company, its location, capacity, technical establishment, past experience and text of Memorandum of Understanding (MOU) proposed to be entered between purchaser and supplier to the satisfaction of Engineer-in-charge, who, after satisfying himself about quality/capability of the company, shall give approval in writing (subject to drawl of MOU). The MOU shall be drawn with RMC plant owner/company and submitted to Engineer-in-charge within a week of such approval. The contractor will not be allowed to purchase ready-mixed-concrete without completion of above stated formalities for use in this project.

Notwithstanding the approval granted by Engineer-in-charge in aforesaid manner, the contractor shall be fully responsible for quality of concrete including input control, production control, transportation and placement etc. The Engineer-in-charge will reserve right to deploy his representative to inspect plant site at any stage and reject the material / concrete if he is not satisfied about quality of material/ product. The contractor should, therefore, draw MOU/ agreement with RMC owner / company very carefully keeping all terms and conditions/specifications forming a part of this tender document.

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)
Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/Security Deposit/Mobilization Advance

1. WHEREAS the Executive Engineer …….(name of division)……..,CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under ……..(NIT Number)……..dated ..... for ..... (name of work) The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ……(Rupees …….only) valid upto …….(date)* ……..as **Earnest Money Deposit** from …….(name and address of contractor)……..(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer ……... (name of division) ……..……, CPWD on behalf of the President of India) (hereinafter called "The Government") has entered into an agreement bearing number ……with ……..(name and address of the contractor) …….. (hereinafter called "the contractor") for execution of work …… (name of work) ……..The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ……..(Rupees …….. only) valid upto …….. (date) …….. as **Performance Guarantee/Security Deposit/Mobilization Advance** from the said contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, ……(indicate the name of the bank) …….. (hereinafter referred to as "the Bank"), hereby undertake to pay the Government an amount not exceeding Rs. ……. (Rupees ……..only) on demand by the Government within 10 days of the demand.

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

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

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

6. We, ……(indicate the name of the Bank) ……., further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the contractor's liabilities.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

8. We, ……. (indicate the name of the Bank) ……., undertake not to revoke this guarantee except with the consent of the Government in writing.

9. This bank guarantee shall be valid up to ……. unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. ……..(Rupees …….only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

DATE.....

WITNESS:

1. Signature ……..
Name and address

Authorized Signatory
Name
Designation
Staff code No.
Bank Seal

2. Signature…….
Name and address

***Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.**

*** In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.**

GUARANTEE BOND TO BE EXECUTED BY THE CONTRACTOR FOR WATER PROOFING TREATMENT

The agreement made this _____ day of _____ two thousand and _____ between _____ S/o _____ (hereinafter called the GUARANTOR of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract. (Herein after called the Contract) dated _____ and made between the GUARANTOR OF THE ONE PART AND the Government of the other part, whereby the contractor interalia, undertook to render the structures in the said contract the work in the said contract recited completely water and leak proof.

THE GUARANTOR hereby guarantee that the water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be ten years to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects

The decision of the Engineer in charge with regard to cause of leakage shall be final. During the period of guarantee the guarantor shall make good all defects and in case of any defects being found render the structure 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 notice from the Engineer in charge calling upon him to rectify the defects, failing which the work shall be got done by the Department through some other contractor at the guarantor's cost and risk. The decision of the Engineer in charge as to the cost payable by the Guarantor shall be final and binding.

That if the guarantor fails to execute the water proofing, or commits breach thereunder then the guarantor will indemnify the Principal and his successor against all loss, damage, cost of expenses or otherwise which may be incurred by him by reason of any 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 cost incurred by the Government on the decision of the Engineer in charge will be final and binding on the parties.

IN WITHNES WHEREOF those presents have been executed by the obligator _____ and _____ by for and on behalf of the PRESIDENT OF INDIA on the day , month and year first above written.

Signed sealed and delivered by OBLIGATOR in presence of :.

1. _____
2. _____

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY_____ _____ in the presence of :

1. _____
2. _____

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF STRUCTURAL REPAIRS WORKS

This agreement made this ..... day of ..... two thousand and.....between.....Son of.....(hereinafter called the GUARANTOR of the 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 for contract) dated .....and made between the GUARANTOR of the one part and the GOVERNMENT of the other part, hereby the contractor interalia, under took to render the buildings and structures on the said contract completely structurally sound.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain sound and strong **for five years** from the date of completion of work.

NOW THE GUARANTOR hereby guarantee that structural repairs done by him will render the structures completely steady & strong and the minimum life of such repairs shall be five years to be reckoned from the date of the completion of works.

Provided that the guarantor will not be responsible for damage caused due to earthquake or misuse of buildings or alteration and for such purpose. The decision of the Engineer-in-Charge with regard to cause of damage shall be final and binding.

During this period of guarantee the guarantor shall make good all defects 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 the guarantor fails to make good the defects 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 and the decision of the Engineer-in-Charge will be final and binding on both the parties.

An amount equivalent to 2% of **item No…….** will be deducted as from Bills as security and the same will be refunded after five years from the date of completion of work.

IN WITNESS WHEREOF THESE PRESENTS HAVE BEEN EXECUTED BY THE OBLIGATOR THE DAY, MONTH, AND YEAR FIRST ABOVE WRITTEN.

Signed, sealed and delivered by OBLIGATOR in presence of:

1.

2.

Signed for and on behalf of THE PRESIDENT OF INDIA BY ----------in the presence of:

1.

2.

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

MINIMUM QUALITY ASSURANCE PLAN

1. 1. Minimum Quality Assurance Plan done as per No. DG/SOP/28 dated 15.11.2021.

2. Maintenance of Register of Tests

i) All the registers of tests to be carried out at construction site or in outside laboratories is maintained by the contractor which is issued to the contractor by Engineer-in-charge.

ii) All Samples of materials including cement concrete cubes is taken jointly with Contractor by JE, if there is no JE, out of this at least 50% samples shall be taken in presence of AE in charge and 10 % sample shall be taken in presence of EE. All the necessary assistance is to be provided by the contractor. Cost of sample of materials including testing charges is to be borne by the contractor and he/she is responsible for safe custody of samples to be tested at site.

iii) All the test in field lab setup at construction site is carried out by the Engineering Staff deployed by the contractor preferably. The percentages of engineering staff deployed by the field officers 100% witnessed by JE and 50% of tests shall be witnessed by AE-in-change. At least 10% of the tests are to be witnessed by the Executive Engineer.

iv) All the entries in the registers will be made by the designated Engineer Staff of the Contractor and same is regularly reviewed by the field officers as well as the Engineer in charge. Contractor shall be responsible for safe custody of all the test registers.

3. Performa for mandatory test as per Annexure 54 (refer SOP no. 7/2) is attached with each Running bill. Submission of copy of all Test Registers, Material at Site Register along with each alternate Running Account Bill and Final Bill shall be mandatory. These registers are duly reviewed by Engineer in charge in Division Officeand receipts of registers should also be acknowledged by Account branch by signing the copies and register to confirm receipt in Division Office.

4. Agency will submit the methodology of various operations conducted before the start of work. Agency has to work with according to specifications & technical parameters and the methodology as approved by Engineer-in-charge and get adapted the same thereof. The falling which, the department will not be bound to make the payment of regarding executed items of the work. Any dispute between the agency and department regarding this, Engineer-in-charge's decision is final and binding.

5. Maintenance of Material at Site (MAS) Register-

i) All the MAS Registers including cement and steel registers shall be maintained by contractor which shall be issued to the contractor by Engineer-in-charge.

ii) Each of the entry of receipt of material at site shall be 100% test checked by JE or by AE if there is no JE. If both JE & AE are available AE should test check at least 50% of the materials.

iii) Each MAS Register is checked by JE & AE at least once a week.

iv) Cement register is reviewed by EE at least once in a month for work at same station and alternate months for work at out station.

Executive Engineer
RML Hospital Division,
CPWD, New Delhi

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

LIST OF PREFERRED MAKES OF MATERIALS

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the **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 **Engineer-in-Charge**, (See also conditions of contract).

Sl. No.	Materials	Approved make
1.	Poly-Sulphide Sealant	Pidilite, Tuffseal, DURABUILD, Makphalt
2.	Damp Proof Material	Impermo, Dura Build, Acco-Proof, Makphalt
3.	Structural Steel, Sections	Tata, Sail, RINL, Jindal, Apollo, JSW, JSPL
4.	Admixture	FOSROC, MC BAUCHEMIE, CICO/Dura Build, BASF, SIKA
5.	White Cement	J.K. White, Birla White
6.	Water Proofing Compound	Tap Crete, CICO, Dura Build, Accoproof, Impermo (BySnowcemIndiaLtd.), Pidilite, Dura Build/Fosroc
7.	Bitumen	Indian Oil, Hindustan Petroleum, Bharat Petroleum
8.	Injection Grouting	Pidilite (DrFixit), Sika, Fosroc, DURABUILD
9.	Non-metallic Surface Hardener	MC Deritop F.H.
10.	Locks/Latch	Godrej, Harrison, Dorma, Dorset, YALE, Hafle,Geze
11.	Laminates, Vineer	Formica, Merino, Decolam, Greenlam, Kitlam, Century, Greenply, Archid, Coastto Coast, Timex, Natural Decowood, Alu-Tech
12.	Wire Mesh	Sterling Enterprises, Trimurty Welded Mesh
13.	Prelaminated Particle Board	Action TESA, Bhutan Boards, Greenlam, Kitlam, Century, Green Panel
14.	Adhesive	Pidilite, Dura Build, Dunlop, Asian Paint
15.	Epoxy Mortar/Floor/ GROUT	Fosroc, Dura Build, Sika, BASF
16.	Dash Fasteners	Hilti, Ficher, Bosch, Wurth, Canon
17	Flush Door shutters Decorative/ Non-Decorative)	Green Ply, Duro, Merino, Century, Greenlam, Centuryply, Europly, Merino, Green Panel, FALCONGREEN
18.	Board & Plywood	Duro, Kitply, Century, Greenlam, Archid, Bhutan Tuff, Green Panel
19.	Hydraulic Door Closer/Floor Spring	Hardwyn, Godrej, Dorset, Dorma, Hafele, Assa Abloy
20.	Wooden Door Fittings of Brushed Steel	Dorma, Godrej, Dorset, Hafele, Geze
21.	S.S. Staircase Railing	Jindal Stainless Steel Ltd., Hardwyn, Geze, Dorma, Kitch
22.	Smoke Seal Strip	Imported Promat/Astro Flame, Sehgal Doors
23.	Door Closer Lock	Ingerboll Rand / Dorma, Hardwyn, Everest, Hafele, Assa Abloy
24.	Anodized Aluninium Hardware (Heavy Duty)	Hardima, Everite, Sigma (ISI Marked), Earl Bihari, Dorma
25.	Tempered Glass	Modi Float & Saint Gobain, ASAHI, Glaverbel
26.	Polyester Powder Coating Shades	Nerolac, Berger, J & N
27.	Aluminium Sections	Jindal, Hindalco, Indalco, KALCO, Global, Bhoruka
28.	Friction Stay Hinges	Earl-Bihari, Godrej, Hettich, Haffele

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

29.	Nuts, Bolts and Screws, Steel	Kundan, Priya, Atul, Puja
30.	EPDM Gasket	Hanu/Anand
31.	Structural Silicone	Dow Corning/Wacker
32.	Weather Silicone	Dow Corning/Wacker, Dura Build,
33.	Adhesive Tape	Norton, 3M, Avery Denisson
34.	Glazed Ceramic Tiles	KAJARIA, NITCO, ASIAN, RAK, Oasis, Varmora, MOZIO, SOMANY, ORIENTBELL
35.	Vitrified Tiles (all types)	GRANITO, NAVIN DIAMOND, KAJARIA, ASIAN, RAK, NITCO, RESTILE, SOMANY, ORIENTBELL
36.	Tile Adhesive70.	CICO, Dura Build, PIDLITE FERROUS, AsianPaint, Fosroc, MYK LATICRETE, MAKPHALT
37.	C.C. Pavers	NITCO-(ROCKARD), TUFTEK, K.K Pvt. Ltd., Hindustan Tile, Dalal, MODERN
38.	Acrylic Emulsion Paint	ASIAN Paints, ICI, NEROLAC, BERGER, SHALIMAR, JK MAXX PAINT
39.	Luxury Emulsion Paint	Burger-silk, Asian-Royal, ICI-Velvet, Nerolac- Impression, SHALIMAR, JK MAXX PAINT
40.	Grass Paver	Unistone, Ultra, Shree, Supertile, Modern, K.K., NITCO
41.	Water-Proof Cement Paint	Kilicknixon, Durocem, Snowcem, Berger, ICI, AsianPaints, Jenson & Nickolsen, JK MAXX PAINT
42.	Synthetic Enamel Paint	Berger, Nerolac, Asian Paints, ICI India Ltd., SHALIMAR, JK MAXX PAINT
43.	Plastic Emulsion Paint	Berger, Nerolac, ICI India Ltd., Asian Paint, JK MAXX PAINT
44.	Fireclay Sinks & Drain Boards	Parry, Sunfire, Hindware, Cera
45.	Stainless Steel Sinks	Nilkanth, AMC, Cobra, Jayna, Nirali, CERA, KINGSTON, Shakti
46.	C.P. Brass Fittings	Jaquar, Marc, Jonhson, CERA, KINGSTON, Kohler,Roca, Grohe, Player, Prima, Shakti, KICH
47.	Soil, Waste & Vents Pipes & Fittings A) Centrifugal Cast Iron	Neco, RIF, SKF, HIF, RPMF
48.	LA (CI) Pipes	RIF, Neco, Electro Steel, Kesoram, RPMF
49.	G.I. Pipes	Tata, Jindal – Hissar, Prakash Surya
50.	G.I. Fittings (Malleable Cast Iron)	Unik, ICS
51.	Gunmetal Valves	Leader, Sant, Zoloto
52.	Stone Ware Pipe & Gully Traps	Perfect, Parry, Anand
53.	R.C.C. Pipes-(NP-2)	Lakshmi, Sood & Sood, Jain & Co.
54.	MS Pipe	Kesoram, Electro Steel, TATA, Well Span
55.	C.I. Double Flanged Sluice Valves	Kirloskar, IVS, Burn
56.	C.I. Double Flanged Non-Return Valves	Kirloskar
57.	C.I. Manholes Covers	B.C. RIF, NECO, SKF, RPM39-42, RPMF
58.	UPVC Pipe	Supreme, Prince, Finolex, Astral, AKG
59.	Ball Valves	Zoloto, IBP, Arco
60.	Butterfly Valves	Audco
61.	Spider Fittings	Dorma, Sevax, Hettich, Hafele, EBCO
62.	Mineral Fibre False Ceiling	Armstrong, Hunter Douglas, Dexune, Diamond (Ceiling), Hi-Steel, RITE, RK Ceiling
63.	APP Sheet for water proofing	Roflex, STP, Dermabit, Water tite (Alex), Bitumat Co.Ltd., Asian Paint, Technow, NICOL, Torchtar, MAKPHALT
64.	PE-AL-PE PIPES & FITTINGS	Jindal, Supreme, Kitec
65.	PVC/SINTHETIC WATER TANK	Sintex, Uniplast, Polycon, Sovisy

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

66.	Self Closing Pillar Taps	Jaquar, KAISER VITALS, Kingston
67.	Hot Water Insulation	Glass Wool/ Mineral Wool
68.	Elastomeric Sleeve	Up Twiga / Rocklloyd
69.	Beveled Edge Mirror	Atul/Saint Gobain/Modi guard, Jolly,
70.	Rolling Shutters	Rama Rolling Shutters / Joyti Rolling Shutters / AnandIndustries
71.	Wall Putty	Birla White, J.K White, Berger
72.	Drapery Rod, Venetian Blinds, Roller blinds	Mac, Vista, Hunter-Douglas, Rossele, Wall Track,Deck, PHIFER
73.	Ready Mixed Concrete	ACC, Unitech, Ultra Tech (Birla), L&T, RMC India, M/s NDCON Construction, Shri Ram Ready Mix Concrete Pvt. Ltd.,
74.	PTMT Fittings	Prayag, Shakti Brand, Polytuf
75.	HDPE PN-6, PE-80	Dure-line, Supreme, Vikas - “Tijaria”
76.	Electric Resistance Welded (ERW) PipesSlotted/Blind for Tube well	Jindal, SAIL, TATA, Wellspun
77.	Polycarbonate sheet	Lexan brand of GE or equivalent
78.	Texture Decorative Paint	OIKOS/SKK/ARMOURCOAT, Ultra Tech MAS
79.	Metal False Ceiling	Armstrong, Hunter Duglus, Dampa, Lindner, Durlum, Dexune, Credence, Saint Gobain, Supersil & Hi-Steel, RITE, R.K Ceilings, Credence, Unidus, Tranquil
80.	UPVC Window/Door	Rehau, Veka, Fenesta
81.	Laquered Glass	Modi, Saint Gobain, Asahi, Glaverbel
82.	Bamboo and wooden grill/ baffle, backer/ box metalspecial false ceiling	Armstrong, Hunter Douglas, SAS, Dampa, Lindner, Anutone, Ecophone, USG Boral, AMF, RITE, RK Ceiling, Unidus
83.	Hard wood Flooring/Engineering wood flooring	Juncker, Vitofloor, Parador, Pergo, Mikasa, Vista, Green Panel
84.	Wooden Laminate Flooring	Vista, Juncker, Vitofloor, Pergo, Green Panel
85.	Nylon Carpet Tiles/ Rolls	Forbo Flotex, Euronics, SHAW
86.	Calcium Silicate and Gypsum Board/ Tiles	Ramco-Hilux, Gyproc, Boral, Saint Gobain, USG, Dexune, RITE, R.K Ceilings, Unidus
87.	Fabric	Response, SAROM, RR DÉCOR, D DÉCOR
88.	Accoustic Board / Panel	Anutone, Ecophone, Gyptech, RITE, R.K Ceilings, Credence, Unidus, E3, Tranquil
89.	HARDWARE & FITTINGS	DORMA, HAFELE, GEZE, ASSAABLOY
90.	GLASS	SAINTGOBAIN, AIS, ART N GLASS
91.	PLY	Duro, Greenply, Centuryply, Archidply, Green Panel
92.	Gypsum Board	Saint Gobain, USG Boral
93.	Glass partition	Dorma, HAFLE, Alloy, ASSA ABLOY
94.	Glass film	3M Film, Innovation Décor, Millenium, Business Ltd.
95.	Vinyl Flooring	Gerflor, Tarkett, Responsive, LG Hausys, Show Wonder Floor.
96.	Waste Bins	Mofna Industries, K.C. Green Revolutions, Hafele
97.	Signages	Innovation Décor, Hanu Marketing Pvt. Ltd., Hiskala
98.	Laquered Glass	Saint Globain, AIS, ART N GLASS
99.	Italian Marble	Stonex, Marble City, J.C.R. Marble, Malani marble
100.	Engineered Stone	Kalinga, Shubham Stone, Rahul Marble
101.	Melamine foam	Ecotone, NSA Builtech
102.	Mosaic & Decorative Tiles	Cameo Impex, Sindron

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

103.	Stone / Tile Adhesive	MYK Laticrete, Pidilite, Mapei
104.	Wall Paper	Rossele, Vescom, Fabric Overseas
105.	Shower Cubicle	Jacquar, Assaabloy
106.	Sliding folding partition	Dorma, Hafele, Assabloy
107.	R.O. System	Venza, Sarah Aquasoft, Sarah Puritech, Kent
108.	Pre-laminated MDF Board	Green Panel, Marino, Veer, Century, E3
109.	Modular Pantry/kitchen	Space Wood, Grandeur, ALSTONE, E3
110.	PU-Polish & Sealer	NEROLIAC, ASIAN PAINT, PIDILITE, JK Maxx Paint
111.	Fabric Ceiling	NSA BUILDTECH, DELHI GYPSUM, INSULATION PRODUCTS, RITE
112.	Steel Reinforcement (TMT Bars)	Tata, SAIL, RINL, JSPL, JSW
113.	Ordinary Portland Cement (43 grade)	ACC, Gujarat Ambuja, J.K, Ultra-Tech, Birla Uttam, Shri Cement, Cement Corporation of India.
114.	Prelaminted Particle Board Exterior Grade	Novapan, Merino, Kitlam, TESA Action Co., Centuary, Green Lam
115.	Pink primer	Dulex, Nerolac, JK Maxx Paint
116.	*GRG False ceiling*	*Diamond, Saint Gobin, USG Bond, RITE, RK Ceiling*
117.	Red Oxide Zinc Chromate Primer	High performance yellow metal primer, Dulex, Nerolac, Nippon
118.	Acrylic Distemper	Tractor, Dulux, Asian Paint, Berger, Nerolac, Opus Birla, JK Maxx Paint
119.	Water Proof Cement paint	Asian exterial wall prmer, ICI DULUX, Cem Colour, JK Maxx Paint
120.	Acrylic smooth exterior paint with silicon additives	Dulux, Berger, Ultima, Nerolac, Opus Birla, JK Maxx Paint
121.	Puf Panel	E Pack, Prefab, BNAL. Lloyd, Interarch.
122.	LGSF Steel/Coil	Tata, Jindal and Bhushan Steels, Sail.
123	WPC Door/ Board/Frame/Window/Jali	Alstone, Parasnath, Jindal GSL Pvt. Ltd., BVW, Kaka, Rajshri Plastiwood, FALCONGREEN
124	Overhead steel storage unit/furniture	Duaco, Delite Hi Tech, Godrej, Indo Inovation, Durian, Wipro, Haworth, Royalsburg as per direction of Engineer-in-charge.
125	Pre laminated cement bonded particle board	Bison Or equivalent
126	SMC/GRP Water Tank	Sovisy, Sintex, Devi Polymer, Amitex
127	ALUMINIUM COMPOSITE PANEL (ACP)	REYNOARCH, VIRGO, Alu-Tech, Alomax
128	ALUMINIUM HONEYCOMB PANEL	REYNOARCH, VIRGO Or equivalent
129	HIGH PRESSURE LAMINATE (HPL) ALUMINIUM HIGH PRESSURE LAMINATE (AHPL)/ TOILET CUBICALS	REYNOARCH, VIRGO, Alu-Tech, Alomax, E3
130	WPC Louvers	REYNOARCH, Hi-Steel, FALCONGREEN
131	WARDROBE	ALSTONE Or equivalent
132	SILICONE SEALENT	ALSTONE Or equivalent
133	PVC DOORS & WINDOWS	ALSTONE Or equivalent
134	PU SILICONE	ALSTONE Or equivalent
135	AAC ADHESIVE	REYNOARCH Or equivalent
136	Terrazzo Tiles (Precast) /Plain/ Chequerred	NITCO, HINDUSTAN, MODERN, Unistone, K.K. Manhole
137	Cement Concrete Tiles/Hardonite Tiles	NITCO, NTC, HINDUSTAN, Unistone, Dalal, Surendera
138	Clay Tiles on Roof	KENZAI, JOHNSION
139	Vitreous China Sanitary ware	Parryware, Hindware, Kohlar, Toto, Roca
140	Copper Tubes/Pipes	Rajco, Max Flow ABC

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

141	Copper Fittings	Yorkshine, IBP, Bconex
142	Unglazed Vitrified Tiles	Johnson – (Endura), Somany – (Dura Stone), Regency – (Tiles), Kajaria, Oasis, Varmora
143	Entrance Matting	3m, Forbo, Parker Electrocnics, Abhishek Solution
144	Pre-Cast Cement Concrete Manhole Frame & Cover	K.K. Manhole & Gratings Co. Pvt. Ltd, Dalal Tile Industries, ABC
145	Ductile iron manhole frame & covers	RBAC, PLASMA
146	GFRP manhole frame & covers	Dudhi, NICU
147	S&S Centrifugally Cost (spum) Ductile Iron Pipe as per IS: 8329	Tata Ductura, JSAW-NIRJAL/JSAW-JAL/ELECTRO STEEL
148	S&S CI Standard Special Suitable for Mechanical Jointing as per IS: 13382	Tata Ductura, JSAW-NIRJAL/JSAW-JAL/ELECTRO STEEL
149	Precoated galvanised iron profile sheet 0.50 mm TCT	Tata, JSW
150	Fire retardant curtain	Window Techs/Adora Business Enterprises/Decorex

*** RAW MATERIAL SOURCE TO BE APPROVED BY THE ENGINEER-IN-CHARGE.**

NOTE:- THE MATARIALS NOT COVERED IN ABOVE LIST OF APPROVED MAKE/BRAND, SHALL BE OF I.S.I. MARKS AS APPROVED BY ENGINEER-IN-CHARGE.

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/ Maintenance 2023/18

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

VIDYUT BHAWAN, NEW DELHI Dated: 27.02.2026

Subject: Modifications in General Rules & Directions, Clause 1 and Schedule E of GCC 2023 Maintenance Works

The following modifications are made in the General Rules & Directions, Clause 1 and Schedule E of GCC 2023 Maintenance Works.

Existing provision	Modified provision
General Rules & Directions 11 (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E' and within the period specified in Schedule F.	**General Rules & Directions** 11 (i) The Contractor whose tender is accepted, will be required to furnish performance guarantee as mentioned in Schedule 'E' and within the period specified in Schedule F. .....
Clause 1 **Performance Guarantee** (i) The contractor shall submit an irrevocable Performance Guarantee at specified percentage of the tendered amount as mentioned in Schedule 'E', in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance.	**Clause 1** **Performance Guarantee** (i) The contractor shall submit an irrevocable Performance Guarantee as mentioned in Schedule 'E', in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance. .....
Sl. No. (ii) to (v)	No change
SCHEDULE 'E' Reference to General Conditions of contract Sl. No. (i)	**SCHEDULE 'E'** Reference to General Conditions of contract No change

27/2/26
EE(C)
D.P. Jindal
EE (Contract)

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

(ii) Performance Guarantee : 5% of tendered value.	(ii) Performance Guarantee : **(a)** 5% of tendered value **or Estimated Cost Put to Tender (ECPT) (whichever is higher).** **(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.**
Sl. No. (iii)	No change

This issues with the approval of DG, CPWD.

27.02.2026

चन्दर पाल (सी.एण्ड एम.)
Chander Pal, SE (C&M)
अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2026/ Maintenance e-file 9212995 (DFA/ 9365660)
केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।
(केलोनिवि वेबसाईट के माध्यम से)

27/2/26
EE(C)
D.P. Jindal
EE (Contract)

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन
No. DG/Manual- 2024/22
ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi Dated: 23.03.2026

Sub: Modification in para 5.1.1 of CPWD Works Manual 2024.

Following Modification is made in para 5.1.1 of CPWD Works Manual 2024:

Existing Provision	Modified Provision
5.1.1 Necessity for Earnest money To safeguard against a bidder withdrawing or altering his/her bid during the bid validity period, earnest money shall be obtained from the bidders for all tenders unless otherwise mentioned in the tender documents.	**5.1.1 Necessity for Earnest money** To safeguard against a bidder withdrawing or altering his/her bid during the bid validity period, earnest money shall be obtained from the bidders for all tenders unless otherwise mentioned in the tender documents. **EMD shall be made / issued only from the account of the bidder / tenderer submitting the bid/tender. EMD made/ issued from the account other than that of the bidder/ tenderer submitting the bid, shall not be accepted**

This issues with the approval of DG CPWD.

23.03.26

(चन्द्र पाल)
अधीक्षण अभियंता (सी.एंड एम.)

चन्द्र पाल, अधी. अभि.(सी.एण्ड एम.)
Chander Pal, SE (C&M)

Issued from file No. CSQ/CM/16(1)/2026 e-file 9210279 (DFA/ 9359805)

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

23/3/26
K.G. Bansal
EE (Manual)

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/CON/Maintenance 2023/13

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI **Dated: 31.01.2025**

Subject: Modifications in Clause 7A of GCC 2023 for Maintenance Works

The following amendments are made in the Clause 7A of GCC 2023 for Maintenance Works:

Existing provision	Modified provision
Clause 7A No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.	**Clause 7A** **(a)** No Running Account Bill/**Final Bill** shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge. **(b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-** **1. Details of person employed with date of their employment up to previous month.** **2. Documents of payment made to the employees directly into their bank accounts up to previous month.** **3. Documents of attendance through biometric attendance or other mode up to previous month.** **4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.** **5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.** **6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge.** **(c) In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.**

This issues with the approval of DG, CPWD.

31/1/25

(दिनेश कुमार उज्जैनिया)

अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/17(1)/2023/Maintenance e-file 9184028 (DFA/9313089)

केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु।

(केलोनिवि वेबसाईट के माध्यम से)

31.1.25

R K SINGH

EE(Manual)

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

Information and instruction for Executive Engineer for e - tendering

1. The Executive Engineer of all division of CPWD should receive the original EMD for tender of other division.
2. To safeguard against a bidder withdrawing or altering his/her bid during the bid validity period, earnest money shall be obtained from the bidders for all tenders unless otherwise mentioned in the tender documents. **EMD shall be made / issued only from the account of the bidder / tenderer submitting the bid/tender. EMD made/ issued from the account other than that of the bidder/ tenderer submitting the bid, shall not be accepted.**
3. The NIT approving authority/EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD alongwith NIT:-

Receipt of deposition of original EMD

(Receipt No……/Date……

Name of work:- A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).

1. NIT No.: **30/EE/RMLD/2026-27**
2. Estimated Cost: **Rs. 48,53,863/-**
3. Amount of Earnest Money Deposit: **Rs. 97,077/-**
4. Last date of submission of bid: **12/11/2026 (Upto 15:00 Hrs.)**

(To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded alongwith NIT)

1. Name of contractor ……...
2. Form of EMD…… ……...
3. Amount of Earnest Money Deposit ……..….
4. Date of submission of EMD……..
5. Email id of the bank issuing DD/FDR etc. ……

Note:- EMD should be drawn in favour of ***"Executive Engineer Dr. RML Hospital Division, CPWD, New Delhi".***

Signature, Name and Designation of EMD receiving officer (EE/AE(P)/AE/AAO) alongwith Office Stamp

4. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P)/AE/AAO.
5. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
6. The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (https://etender.cpwd.gov.in free view of tenders) that the particular contractor is not L-1 tenderer and work is awarded.
7. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

Executive Engineer
RML Division, CPWD,
New Delhi

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

SCHEDULE OF QUANTITY

Name of work:- **A/A to Dr. RML Hospital, New Delhi dg. 2026-27. (SH: Repair and renovation of back side staircase in OPD Building at Dr. RML Hospital, New Delhi).**

S.No.	Description of item	Qty.	Unit	Rate	Amount
1	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:				
1.1	1:3:6 (1 cement: 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 20 mm nominal size derived from natural sources)	8.00	cum	9311.40	74491.00
2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.				
2.1	Granite stone slab of colour black, Cherry/Ruby red				
2.1.1	Area of slab over 0.50 sqm	28.00	sqm	5136.30	143816.00
3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge				
3.1	Granite work	441.00	mtr	510.95	225329.00
4	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases in stone and holes in walls wherever required.	36.00	kg	714.40	25718.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

5	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
5.1	150x10 mm	32.00	each	82.55	2642.00
6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
6.1	100 mm	32.00	each	59.55	1906.00
7	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	1394.00	kg	772.40	1076726.00
8	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :				
8.1	Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	243.00	sqm	3186.70	774368.00
9	12 mm cement plaster of mix :				
9.1	1:6 (1 cement: 6 coarse sand)	150.00	sqm	343.65	51548.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

10	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, excluding cost of Scaffolding.	297.00	sqm	156.05	46347.00
11	Wall painting with acrylic emulsion paint, 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.				
11.1	Two coats	297.00	sqm	137.45	40823.00
12	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	286.00	sqm	19.75	5649.00
13	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge				
13.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	4.60	cum	2434.25	11198.00
14	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
14.1	Of area 3 sq. metres and below	16.00	each	143.50	2296.00
15	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	128.00	kg	3.85	493.00
16	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	115.00	sqm	266.45	30642.00
17	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.	189.00	sqm	54.65	10329.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

18	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)				
18.1	For fixed portion				
18.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	195.00	kg	530.90	103526.00
18.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
18.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	229.00	kg	634.45	145289.00
19	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):				
19.1	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm	63.00	sqm	1505.25	94831.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

20	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	95.00	kg	638.35	60643.00
21	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				
21.1	25 mm average thickness	212.00	sqm	126.75	26871.00
22	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.				
22.1	Bars upto 12 mm diameter	1434.00	mtr	8.25	11831.00
23	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				
23.1	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	212.00	sqm	141.20	29934.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

24	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.Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and / or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/ mm2).				
24.1	25 mm average thickness in 2 layers.	212.00	sqm	587.35	124518.00
	Total				**3121764.00**
	Cost after using correction factor on DSR 2023 on account of GST @ 0.973				3037476.00
	Add Cost Index @ 4.03%				122410.00
	Total				**3159886.00**
25	Disposal of building rubbish, earth mixed malba, plastic bags & all type of floating, solid and semi-solid malba/rubbish etc by mechanical transport fitted with GPS Mechanism including loading and unloading and spreading with all leads and lifts upto nearest authorised MCD dumping ground complete as per the direction of Engineer-in-charge (Payment shall be made on production of print out of GPS Mechanism & MCD receipt for payment of ground tax. MCD dumping gound tax, if any, shall be reimbursed separately on production of receipt).	88.00	MT	459.05	40396.00
26	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge	848.00	kg	117.25	99428.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

27	Granite stone work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the granite shade (To be secured to the backing by means of cramps, which shall be paid for separately). Granite stone slab of colour Black, Cherry/Ruby Red complete direction of Engineer in charge. (i) Area of slab over 0.5 sqm.	220.00	sqm	5703.05	1254671.00
28	Granite work gang saw cut (Table rubbed and polished and machine cut) of thickness 18mm for wall lining (veneer work) including dado, skirting, risers of steps etc. on 12 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the Granite shade: (To be secured to the backing by means of cramps, which shall be paid for separately. Granite stone slab of colour black, Cherry/Ruby red (i) Area of slab upto 0.5 sqm.	41.00	sqm	5249.40	215225.00
29	Providing & fixing Floor marking tape is used for area demarcation. This tape is made of pvc. This tape has high resistance to solvents, oil and water. Great for office and industrial use. Floor Marking Tape is made of plasticized polyvinyl chloride (PVC) as carrier material which is coated with natural rubber adhesive with premium grade and durable properties. It is designed for marking and distinguishing of ground andregion, identification of hazardous regions such as construction sites and commonly used safety warming. Widely used in facility aisles, equipment storage and wall storage Denote the location of fire extinguishers or other fire fighting equipments Marking of internal sporting courts such as volleyball court, football court and badminton court Ideal for general purpose warning and marking such as hazard warning to increase danger awareness Suited for Car Wash Station, Emergency	423.00	metre	172.69	73047.00

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)

	Exit, Gym. Exhibition, Construction Site, Traffic Lane, Automotive Industry etc.				
30	Forming grooves of uniform size 5mm x 4mm in 18mm thick polished granite stone in flooring to make the floor anti-skid as per directed by Engineer-in-Charge.	818.00	metre	31.65	25890.00
31	Credit for Unservisable aluminium section etc. as per direction of Engineer-in-charge.	64.00	kg	-160.00	-10240.00
32	Credit of Unservisable dismantled CI, GI, mild steel section etc. as per direction of Engineer in charge.	128.00	kg	-30.00	-3840.00
33	Credit of wooden/Plyboard material with or without frames shall be recovered except M.S. bars.	50.00	kg	-12.00	-600.00
				Total	**4853863.00**

Note: - The rate of item no. 31, 32 & 33 shall be effective in the bills of contractors at the rate quoted by the contractor or rate mentioned in the NIT whichever is higher. For example, if a contractor quotes 10% below, then his rate for item no. 31, 32 & 33 shall be Rs. 160/kg, Rs. 30/kg & Rs. 12/kg if a contractor quotes 10% above, then his rate for item no. 31, 32 & 33 shall be Rs. 176/kg, Rs. 33/kg & 13.2/kg respectively.

Executive Engineer
RML Division, CPWD,
New Delhi

Correction = Nil, Insertion = Nil, Overwriting = Nil, Deletion = Nil, AE(P)