

NOTICE INVITING FOR e-TENDER

Name of Work: A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).

Index

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NIT No. 24/EE/SJHD/2026-27 for Rs. 36,34,714/- (Rupees Thirty six lakh thirty four thousand seven hundred fourteen Only) having Pages No. 1 to 49 is hereby approved.

**Executive Engineer,
SJHD, CPWD
New Delhi**

CENTRAL PUBLIC WORKS DEPARTMENT
Notice Inviting e-Tenders

The Executive Engineer, Safdarjung Hospital Division, CPWD, New Delhi – 110029 (Tel. No.: 011-26109901 / e-mail: deleecsjh.cpwd@nic.in) on behalf of the President of India invites **online percentage rate bid from approved and eligible contractor as well as specialized agency** for the following work: -

NIT No.	24/EE/SJHD/2026-27
Name of work & location	A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).
Estimated cost put to Tender	Rs. 36,34,714/-
Earnest Money	Rs. 72,694/-
Last date of online submission of bid, copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD and other document as specified in the bid document	Upto 03:00 PM on Dated 29.08.2026
Time & date of opening of bid	03:30 PM on Dated 29.08.2026

**** To be filled in by EE(C), SJHD**

The bid forms and other details can be obtained from the website www.etender.cpwd.gov.in. To participate in the bidding process for tenders to be hosted on the new website, all intending contractor(s)/Firm (s)/agencies are requested to register/update their profiles on the new e-Tendering and e-Auction website: <https://etender.cpwd.gov.in> and <https://eauction.cpwd.gov.in> respectively. Information on updation of profiles is available on CPWD Website <https://www.cpwd.gov.in> vide circular; <https://www.cpwd.gov.in/WriteReadData/othercir/50798.pdf> All intending contractor(s)/Firm(s)/Agencies are requested to update their profile in new e-tendering website well in advance before last date of submission of tender.

**Executive Engineer,
SJHD, CPWD
New Delhi**

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The **Executive Engineer, Safdarjung Hospital Division, CPWD, New Delhi – 110029** (Tel. No.: 011-26109901 / e-mail: deleecsjh.cpwd@nic.in) on behalf of the President of India invites online **percentage rate** bid **from approved and eligible contractor as well as specialized agency** for the following work: -

NIT No.	24/EE/SJHD/2026-27
Name of work & location	A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).
Estimated cost put to bid	Rs. 36,34,714/-
Earnest Money	Rs. 72,694 /-
Stipulated Period of Completion of work	45 (Forty five) Days
Last date of online submission of bid, copy of receipt of deposition of original EMD and other document as specified in the bid document	Upto 03:00 PM on 29.08.2026
Time & date of opening of bid	03:30 PM on 29.08.2026

**** To be filled in by EE(C), SJHD**

Eligibility Conditions -

(i) Three similar works, each of value not less than Rs 14,53,886/-

Or

(ii) Two similar works each of value not less than Rs. 21,80,828/-

Or

(iii) One similar work of value not less than Rs. 29,07,771/-.

Similar work shall mean (*Similar work means “Protection/prevention work for Termite treatment”)

Agencies who produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority regarding experience of having completed the works satisfactorily during last seven years ending on previous day of last day of submission of tender of magnitude as specified below :

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

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. The successful bidder (to be called as Main Contractor) shall have to associate specialized agency(s) for execution of the specialized work(s) after the acceptance of tender as per the details mentioned in “Special Conditions for association of Specialized Agencies”
3. Information and Instruction/s for bidders posted on web site shall form bid document.
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 www.etender.cpwd.gov.in or www.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 Receipts or/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of **Executive Engineer (C), SJHD, CPWD, New Delhi** as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE(P), CPWD and other documents as specified.
Note: EMD deposited in any Division office of Executive Engineer (CPWD) only will be accepted and not to any other Organizational/PWD Office.
5. 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>.
6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website. The intending bidder must have valid class-III digital signature to submit the bid.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate of civil & electrical component as given 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. The bid can only be submitted after deposition of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD. **(Form-A)**.
11. Those contractors not registered on the website mentioned above, are required to get registered beforehand.
12. The intending bidder must have valid contractor registration and digital signature to submit the bid.
13. Contractor should quote the percentage above or below to two places of decimal only.
14. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
15. The tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them. Otherwise, department may reject the bid.

16. The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.
17. If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
18. Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.
19. The agency shall follow the standard operating procedure and guidelines scrupulously at the construction site to contain the outbreak of COVID-19. It is the sole responsibility of the agency to adhere to the SOPs issued by CPWD and other orders & Guidelines issued by various Governments (Govt. of India and or/ state Govt. and /or Dist. Administrative of local Govt). The quoted rates shall inclusive of all such required measures and materials like Soaps, Detergents, Sanitizers, Disinfections, Masks, Gloves and other personal protection equipment's to contain COVID-19 and nothing extra shall be paid."
20. Contractor should have IPCA (Indian Pest Control Association) Membership valid Certificate.

Executive Engineer
SJHD CPWD
New Delhi

LIST OF MANDATORY DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION:

1. Insurance Security Bonds, account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee of any Commercial Bank against EMD.
2. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD. **(Form 'A')**.
3. 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 undertaking 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.
“as applicable” means –GST registration is required in the State/UT from where the contractor makes taxable supply of goods or services or both and not in the other state.
4. An affidavit on Rs.100 stamp paper duly attested by notary is to be uploaded as regard to that I/we have not been debarred/suspended for tendering in CPWD till the last date of submission of bid.
5. Email & mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence)
6. 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.
7. Sample consent letter of Contractor for e-MB on page no. 15.
8. Affidavit as per clause 1.2.4 of CPWD-6 at NIT Page No-8.
9. Contractor must upload the Insecticides License issued by Govt. of NCT of Delhi.
10. Contractor must upload IPCA (Indian Pest Control Association) Membership valid Certificate.
11. Certificates of work experience of similar works done along with copy of Abstract of Final bill along with payment vouchers to verify the amount of similar work (issued by not below the rank of Executive Engineer).

**Executive Engineer,
SJHD, CPWD
New Delhi**

CHECK LIST FOR BIDDERS FOR SUBMISSION OF BID

1. The bidder should read all the instructions, terms & conditions, contract clauses, nomenclature of items, specifications etc., contained in the bid document very carefully, before quoting the rates.
2. The bidder should also read the General conditions of contract 2023 (Maintenance work) (Amended up to date) published by D.G., CPWD, Nirman Bhawan, New Delhi-110011 which will be a part of the Agreement.
3. The bidder shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and nothing shall be payable extra whatsoever unless otherwise specified.
4. The bidder shall have to execute guarantee bond in respect of water supply & sanitary installations as per Performa at Annexure I.
5. The bidder shall have to execute guarantee bond in respect of Water Proofing treatment as per Performa at Annexure II.
6. The bidder shall have to make his own arrangement for housing facilities for staff and labour away from site and shall have to transport the labour to and fro between site and labour camp at his own cost. No labour huts will be allowed to be constructed at the site except a few temporary sheds for chowkidars and storekeepers. The decision about how many huts can be allowed for chowkidars and storekeepers at site shall rest with the Engineer-in-charge and the bidder shall have no claim on this account.

**Executive Engineer,
SJHD, CPWD
New Delhi**

CPWD-6 FOR e-TENDERING
GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER

The **Executive Engineer, Safdarjung Hospital Division, CPWD, New Delhi – 110029** (Tel. No.: 011-26109901 / e-mail: deleecsjh.cpwd@nic.in) on behalf of the President of India invites online **percentage rate** bid from approved and eligible enlisted contractor in Building and Roads category of CPWD for the work of “**A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala)**”.

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tender.

1. The work is of ~~Composite~~ **Estimated Cost:- Rs. 36,34,714/-** This estimate, however, is given merely as a rough guide.

- 1.2 Bids shall be opened of only those approved and eligible contractors of CPWD as well as specialized agencies having successfully completed works of similar work who fulfill the following condition:

Agencies who produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority regarding experience of having completed the works satisfactorily during last seven years ending on previous day of last day of submission of tender of magnitude as specified below :

1.2.0 DEFINITION OF SIMILAR WORK :-

Similar work shall mean (*Similar work means “Preventive Measure for Termite treatment”)

Criteria of eligibility :

Contractor who fulfill following requirement shall be eligible to apply.

1.2.1 Joint ventures are not accepted.

1.2.2 (i) Three similar works, each of value not less than Rs 14,53,886/-,

Or

(ii) Two similar works each of value not less than Rs. 21,80,828/-

Or

(iii) One similar work of value not less than Rs. 29,07,771/-.

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

1.2.4 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under -

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in 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. (Scanned copy to be uploaded at the time of submission of bid).

- 1.2.5 References, information and certificates from the respective clients certifying suitability, work experience, technical knowledge or capability of the bidder should be signed by an officer not below the rank of Executive Engineer or equivalent

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (as amended up to last date of submission of bid) which is available as a Govt. of India Publication and

also available on website <https://etender.cpwd.gov.in> or www.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 **45 (Forty five) Days** 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. The site for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract 2023(Maintenance) can be seen on website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. The contractor registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.
9. **The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:**
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid documents.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
 - (iv) If a tenderer quote nil rates against each item in item rate tender or does not quote any percentage above or below on the total amount of the tender or any section / sub head in percentage tender, the tender shall be treated as invalid and not considered lowest tender.
 - (v) The documents scanned and uploaded by the participated agency should be in the proper format (JPG format and PDF format). In case during the opening of tender and downloading the documents, if the documents uploaded by the firm are not downloadable or not openable or not readable, then the agency will be disqualified and this shall be responsibility of the contractor and the department will not entertain any request in this regard.

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 (C), SJHD, 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, SJHD, CPWD, New Delhi 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) 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. EMD deposited in any Division office of Executive Engineer (CPWD) only will be accepted and not to any other Organizational/PWD Office.**

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

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including **e- Bank Guarantee** of any Commercial bank having validity for a period of **90 days for single bid** works and **180 days for two bid system** 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.

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

- (i) **e-tender Processing Fee** – One time payment for new registration or renewal <https://etender.cpwd.gov.in> validity One year

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

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 **03:30 PM on 29.08.2026.**

10. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of 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 in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited shall be returned after receiving the aforesaid performance guarantee. Contractor whose bid is accepted will also required to furnish either copy of applicable licenses/registrations or proof for applying obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work and programme chart (Time and Progress) within the period specified in Schedule F.
11. The description of the work is as follows:
“A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala)”. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
12. The competent authority on behalf of President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. 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.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
15. 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 a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the 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.
16. 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.
17. The bid for the works shall remain open for acceptance for a **period of Thirty (30) days** from the date of opening of bid.
 - 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 7 days after last date of submission of bids, then the Government shall without prejudice to any other 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 the Government 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 for the work 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.
18. This Notice Inviting Tender shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - a) The Notice Inviting Tender, 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 (Amended upto the last date of submission of bid)
19. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of services (as provided in CGST Act 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any.
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 Executive Engineer/ Assistant Engineer (Phone no....., e- mail Id *.....) or ERP help line no. 18001803286 or e-mail Id 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.

~~21. For Composite Bids~~

- 21.1.1 ~~The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and earnest money will be fixed with respect to the combined estimated cost put to tender for the composite bid.~~
- 21.1.2 ~~The financial bid document will include following three components:~~
- ~~**Part A:** CPWD-6 and CPWD-7~~
- ~~**Part B:** General / specific conditions, specifications and schedule of quantities applicable to major component (Civil work) of the work.(SE/EE in charge of major component shall also be competent authority under clause 2 and clause 5 as mentioned in schedule A to F for major components).~~
- ~~**Part C:** Schedule A to F, general/specification condition, specialization and schedule of quantity applicable to minor component (Electrical work) of the work.~~
- 21.1.3 ~~The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individually as per details given in respective minor component.~~
- 21.1.4 ~~After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's in charge of minor components. One such signed set of agreement shall be handed over to EE in charge of minor component(s). EE of major component will operate **Part A** and **Part B** of the agreement. EE in charge of minor component(s) shall operate **Part C** along with **Part A** of the agreement.~~
- 21.1.5 ~~Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.~~
- 21.1.6 ~~Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~
- 21.1.7 ~~The main contractor has to associate agency(s) for major component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer in charge of major component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer in charge of major component(s).~~
- 21.1.8 ~~In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer in charge of major component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~
- 21.1.9 ~~The main contractor has to enter into agreement with contractor(s) associated by him for execution of major component(s). Copy of such agreement shall be submitted to EE in charge of each major component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.~~
- 21.1.10 ~~Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer in charge of the discipline of minor component directly to the main contractor~~
- 21.1.11 ~~The composite work shall be treated as complete when all the components of the work are completed. The completion certificate of the composite work shall be recorded by Engineer in charge of major component after record of completion certificate of all other components.~~
- 21.1.12 ~~Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~
22. In case of extension of agreement due to delay and/or reduction in scope of work due to foreclosure, no claim on account of reduction in value of work, loss of business, loss of profit, consequently overheads, any type of interest etc. shall be entertained.
23. If the exigencies of the work so demand, the engineer-in-charge may allow payment to a third party, who is creditor to the contractor, after fulfilling the conditions under clause 7B.

**Executive Engineer (C),
SJHD, CPWD,
New Delhi**

सं0 54(कैश) / का.अभि. / स.ज.अ.मं. / 2025-26 /

दिनांक:

ई-निविदा आमन्त्रण सूचना

कार्यपालक अभियंता, स.ज.अ.मं., के.लो.नि.वि. नई दिल्ली-110029 (दूरभाष सं0. 011-26109901) के द्वारा भारत के राष्ट्रपति की ओर से निम्नलिखित कार्य के लिए ऑनलाईन दर प्रतिशत निविदा **From approved and eligible contractor as well as specialized agency** से आमन्त्रित की जाती हैं। नि.आ.सू.सं0. **24/EE/SJHD/2026-27** कार्य का नाम: **A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).** अनुमानित लागत: **Estimated Cost:- Rs. 36,34,714/-** धरोहर राशि: **Rs. 72,694/-** समापन की अवधि: **45 (Forty five) Days** निविदा भरने की अन्तिम तिथि एवं समय: **29.08.2026 upto 03 :00 PM** तक।

Tender forms and other details can be obtained from the website <https://etender.cpwd.gov.in>.

कार्यपालक अभियंता
सं0ज0अ0मं0, के.लो.नि.वि.
नई दिल्ली

Copy to:

1. अधीक्षण अभियंता, दिल्ली परिमंडल-10, के.लो.नि.वि., ईस्ट ब्लॉक-1, तल-7, आर.के. पुरम, नई दिल्ली को सूचनार्थ।
2. कार्यपालक अभियंता (वै), स.ज.अ.वै.मं., के.लो.नि.वि. नई दिल्ली को सूचनार्थ।
3. कार्यपालक अभियंता, क.पा.आ.मं., के.लो.नि.वि. नई दिल्ली को सूचनार्थ।
4. योजना शाखा, स.ज.अ.मं., के.लो.नि.वि. नई दिल्ली को सूचनार्थ।
5. सहायक अभियंता-1, 2, 3, 4 एवं 5, स.ज.अ.मं., के.लो.नि.वि. नई दिल्ली को सूचनार्थ।
6. नोटिस बोर्ड, स.ज.अ.मं., के.लो.नि.वि. नई दिल्ली।

ई-मेल द्वारा

कार्यपालक अभियंता

SECTION-I
BRIEF PARTICULARS OF THE WORK

1. Salient details of the work for which bids are invited, are as under:
 - (i) Name of work: - **A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).**
 - (ii) Estimated Cost: **Rs. 36,34,714/-**
 - (iii) Period of completion: **45 (Forty five) Days**
 - (iv) Last date and time of submission of bid **29.08.2026 at 03:00 P.M.**
2. The work site is situated in area under the jurisdiction of SJHD, CPWD, New Delhi for Civil works.
3. General features and major components of the work are as under: -

Civil works: -As per scope of work and Schedule of Quantities attached.
4. Work shall be executed according to the General conditions of contract Maintenance Work-2023 with amendment issued upto date of submission of tender including extension, if any for Central PWD works available separately at Printer's outlets. The bidder may obtain the address of the outlets of the Printer from the Executive Engineer, SJHD, CPWD, New Delhi.

**Executive Engineer,
SJHD, CPWD
New Delhi**

Sample Consent Letter of Contractor for e-MB
Letter Head of Contractor

To,
The Executive Engineer
Safdarjung Hospital Division
CPWD, New Delhi – 110029

Name of Work : - A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).

NIT No. 24/EE/SJHD/2026-27

Sir,

With reference to the above cited work and agreement, I hereby submit my consent for recording of online measurement on CPWD ERP system and making payment of work done on the basis of online submission of measurement of CPWD ERP System.

Yours faithfully,

Dated

Place.....

(Signature of Contractor/authorized representative)

Name & Seal

GENERAL TERMS AND CONDITIONS

1. The work is to be carried out in **Safdarjung Hospital, New Delhi** which includes all branches like Civil work.
2. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
3. For the discipline of Civil works CPWD specifications 2019 (Vol. I & II) with up to date correction slips. All Electrical works shall be carried out as per CPWD specification Electrical Works, Part-I (Internal)-2023; Part-II (External)-2023, General Specifications for Heating, Ventilation & Air-Conditioning (HVAC) - 2017, General Specifications for Electrical Works Part VI Fire Detection and Alarm System – 2018 Indian Electricity Rules –1995 as amended till date of receipt of tenders. For items which are not covered under CPWD specifications, the special conditions / BIS specifications shall apply. In this regard the decision of Engineer-in-Charge shall be final.
4. All materials, T & P, consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in preference as per the nomenclature of the item/ as per approved list/CPWD Specifications and as per directions of Engineer-in-Charge. Replaced materials used shall have same or richer specifications to the original materials and compatible to the work.
5. All malba / rubbish / silt / waste / garden waste etc. generated due to any operation shall be disposed off on daily basis by the contractor to the specified common disposal point to be decided by Engineer-in-charge. After the collection of full truck load of the said malba (approx 4.5 cubic Metre), the same shall be disposed off same day by the contractor to the authorized municipal Dhallao/ dumping ground, which will be paid for separately as per the item in contract. The contractor shall be fully responsible for any consequences arising out of non-removal and disposal of such malba / rubbish etc. In case of failure, a compensation of Rs. 4000/- per day (Rupees Four thousand) only shall be recovered from the bill / security deposit of the contractor.
6. The contractor or his representative shall be available at site on every visit of officer-in-charge as well as visit of senior officers.
7. Chases, holes & drilling works etc. shall be done using power operated tools.
8. The contractor shall have to carry out the work other than day to day construction according to program given by the Executive Engineer / Assistant Engineer / Junior Engineer-in-charge. The contractor shall not carry out any work in any building without permission of Engineer-in-charge or his authorized representatives. The contractor shall have to adhere to this program failing which he shall be wholly responsible for any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and Signature shall be attested by the contractor for record in the department.
9. The offices where the work is to be executed on any day shall be got approved from the representative of the Engineer-in-charge at the site of work. No work shall be carried out in any office without the approval of the representative of the Engineer-in-charge.
10. Any work carried out without the approval of the representative of the Engineer-in-charge at the site of work shall be rejected and shall not be measured and paid for.

11. The site for the collection and stacking of the material shall be got approved from the Engineer-in-charge.
12. The sample of all the items shall have to be got approved by the contractor from the Engineer-in-charge before the supply commences and shall be without prejudiced to the right of the Engineer-in-Charge to get random samples tested out of the actual lot received.
13. The Engineer-in-Charge will be at liberty to take respective sample(s) of each item of Schedule of Quantity in any approved laboratory as decided by him. The sample for testing will be provided by the contractor. All expenditure required to be incurred for taking sample, conveyance, packing and testing charges etc. will be borne by the contractor himself. In case any sample particular lot fails in testing, the contractor will be bound to replace the entire lot with fresh material of prescribed specification and the rejected lot will be returned to the contractor only after fresh lot is supplied.
14. Rejected materials will have to be removed by the contractor at his own cost immediately of the instructions of doing so.
15. In case of any dispute regarding rejection of quality of materials, the decision of the Engineer-in-Charge will be final and binding upon the contractor.
16. All taxes applicable at prevalent rates shall have to be paid by the contractor himself and the rates quoted by him shall include these taxes and nothing extra on this account shall be payable.
17. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
18. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
19. Articles manufactured by the reputed firms and approved by Engineer-in-Charge shall only be used. Only articles classified, as 'first quality' by the manufacturer shall be used unless otherwise specified. In case articles bearing ISI, certification is not available in the market, quality of samples brought by the contractor shall be judged by standards laid down in the relevant CPWD specifications. For the items not covered by CPWD specifications relevant BIS standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the Engineer-in-Charge before actual execution of work.
20. The quantities of any item shall not be exceeded beyond the agreement quantities without prior permission of Engineer-in-Charge.
21. Statutory applicable recoveries such as on account of GST, Income tax, Surcharge, Construction Worker's Welfare Cess etc. as applicable from time to time shall be made from the gross amount of Running A/c Bill and Final Bill of the contractor.
22. The contractor shall make his own arrangements for obtaining electric connection, if required and make necessary payments directly to the department concerned.
23. The contractor shall make his own arrangement for getting the permission for entry of trucks carrying materials for the site from the traffic police.
24. No payment shall be made to the contractor for any damage caused by rain, snow fall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.
25. Some restrictions may be imposed by the security staff etc. on the working and or movement of labour and materials, etc., the contractor shall be bound to follow all such restrictions / instructions and nothing shall be payable on this account.
26. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part. No

hindrance shall be caused to traffic during the execution of the work by storing materials on the road.

27. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work.
28. The rate for all items of work shall, unless otherwise clearly specified, include cost of all labour, material and other inputs involved in the execution of the items.
29. The order of preference in case of any discrepancy as indicated in condition no. 8.1 under “Conditions of Contract” given in the General Conditions of contract for Central P.W.D work 2023 (Maintenance) form may be read as the following.
 - i. Description of Schedule of Quantities.
 - ii. Particular Specification and Special Condition, if any.
 - iii. General conditions.
 - iv. Contract clauses of General conditions of contract.
 - v. CPWD Specifications.
 - vi. Drawings.
 - vii. Indian Standard Specifications of BIS.
 - viii. Sound engineering practice.
 - ix. Manufacturers Specifications.
30. Any reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.
31. The contractor will not have any claim in case of any delay by the Engineer-in-Charge in removal of trees or shifting, removing of telegraph, telephone or electric lines (overhead or underground), water and sewer lines and other structure etc., if any which may come in the way of the work. However, suitable extension of time can be granted to cover such delay.
32. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments left out of his work and dress the site around the building to the complete satisfaction of the Engineer-in-charge before the work is treated as completed.
33. For unsatisfactory / not attending to the required / specified work the Engineer-in-Charge reserves his rights to levy compensation in accordance with the scale of non-conformity and the period for which this non-conformity continues.
34. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any permanent / temporary set up for his staff in the campus.
35. The contractor shall comply with proper and legal orders and directions of the local or public authority or Municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
36. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
37. The contractor shall depute Engineers for Civil and Electrical Works as per the provision mentioned in schedule F.
38. Any other inventory added during the contract period to any of the installations of these office area/Common areas shall also be maintained within the scope of work without any extra cost.
39. The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work or wherever necessary so as to avoid accidents. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accidents occurring due to any cause.

The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

40. Any damage caused due to negligence of contractor during the routine construction shall be of firm's responsibility. The firm has to make good the same at his own risk and cost.
41. The contractor will arrange & store all the materials along with relevant bill/invoices of materials brought at site so that officers of CPWD can review the quantity and quality of material present in store.
42. All the materials to be used at site shall be of preferred make only and it shall be got approved from Engineer-in-charge before use.
43. The sample of all the items shall have to be got approved by the contractor from the Engineer-in-charge before the supply commences and shall be without prejudiced to the right of the Engineer-in-Charge to get random samples tested out of the actual lot received.

**Executive Engineer,
SJHD, CPWD
New Delhi**

RECEIPT OF DEPOSITION OF ORIGINAL EMD (FORM-A)

Receipt of deposition of original EMD (Receipt No. Date.....)		
1.	Name of Work	A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).
2.	NIT No.	24/EE/SJHD/2026-27
3.	Estimated Cost	Rs. 36,34,714/-
4.	Amount of Earnest Money Deposit	Rs. 72,694/-
5.	Last date of submission of bid	29.08.2026 upto 03:00 PM
6.	Name of Contractor	
7.	Form of EMD	
8.	Amount of Earnest Money Deposit	
9.	Date of submission of EMD	
10.	E-Mail ID	
11.	Mobile No.	
Signature of EMD receiving Officer: Name and Designation of EMD receiving Officer: Office Stamp:		

columns form 6 to 11 are mandatory to be filled by bidder

C.P.W.D.- 7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
PERCENTAGE RATE BID AND CONTRACT FOR WORK

STATE :- **Delhi**
BRANCH :- **B&R**
REGION :- **Region Delhi**

CIRCLE:- **Delhi Circle-10**
DIVISION :- **SJHD**

Percentage Rate Bid

Name of work :- **A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).**

Dear Sir,

- (i) Bids to be uploaded online by **03:00 PM on 29.08.2026**
- (ii) To be opened online in presence of Bidders who may be present at **03:30 PM on 29.08.2026** in the office of Executive Engineer, SJHD, CPWD, New Delhi.

**** To be filled by Executive Engineer (C), CPWD, New Delhi.**

TENDER

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all 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 of accordance with, such conditions so far as applicable.

We agree to keep the tender open for 30 (**Thirty**) days from the date of opening of price bid and not to make any modification in its terms and conditions.

A copy of earnest money deposit receipt of prescribed amount deposited 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 is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely.

The said performance guarantee shall be guarantee to execute all the works referred to in the bid documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the bid form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in 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 Performance Guarantee.

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

Dated

Signature of the Contractor

Postal Address -----

Telephone No. -----

Witness: -----

FAX -----

Address: -----

E-MAIL -----

Occupation: -----

...**...To be filled by the Executive Engineer

...***...To be filled by the Contractor

ACCEPTANCE

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

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

(a)

(b)

(c)

For & on behalf of President of India

Signature*

Dated:*

Designation.....*

***To be filled in by the Engineer-in-charge**

On Non-Judicial Stamp Paper of Minimum Rs. 100/-
(Guarantee offered by Bank to CPWD in connection with the execution of contractors)
Form of Bank Guarantee for Earnest Money Desposit/ Performance Guarantee/
SecurityDeposit/Mobilization Advance

1. Whereas the Executive Engineer, SJHD, 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) (herein after referred to as "the Bank"), hereby undertake to pay to 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 hereby 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 vary 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.
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 I, strike out the portion not applicable. Bank Guarantee will be made either for performance guarantee/security deposit/mobilization advance, as the case may

**TERM & CONDITION FOR AIR POLLUTION FROM DEMOLITION &
CONSTRUCTION ACTIVITIES**

The guidelines regarding preventive measures for Air Pollution from demolition & construction activities issued by Ministry of Environment and Forest notification dated 29.03.2016 & Office Memorandum No. DG/CON/Misc./04 Dated 23.01.2017 and any other guide lines issued even during the execution in compliance of Hon'ble National Green Tribunal directions are applicable to the contractor (some guide lines / directions are enclosed herewith). All appropriate protection measures as per NGT & DPCC guidelines / directions shall be taken by the contractor and nothing extra shall be payable to the contractor on this account.



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DG/CON/Misc./04

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAVAN, NEW DELHI

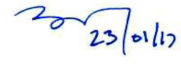
DATED: 23.01.2017

Sub : Compliance on Construction & Demolition Waste Management Rules, 2016 – Regarding Disposal of Waste to the approved by local Authority.

Ref : Ministry of Environment and Forest notification dt. 29.03.2016 Construction and Demolition Waste Management Rules 2016 in exercise of powers Conferred by Environment (Protection) Act 1986 (Available at web address www.moef.gov.in).

The above Rules notified by Ministry of Environment and Forest are brought to the notice of all NIT approving authorities and they are directed to incorporate suitable provisions in the special conditions and ensure compliance of the Rules.

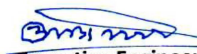
This issues with the approval of ADG(TD).


Superintending Engineer (C&M)

Issued from file No. CSQ/CM/C/17(1)/2017

Copy to:-

1. All Spl. DGs, CPWD, E-in-C, PWD, Delhi Govt. They are requested to endorse a copy of this O.M. to all ADGs, CEs, SEs & EEs concerned.


Executive Engineer (C)

[Published In the Gazette of India, Part-II, Section-3, Sub-section (ii)]
Ministry of Environment, Forest and Climate Change

NOTIFICATION

New Delhi, the 29th March, 2016

G.S.R. 317(E).—Whereas the Municipal Solid Wastes (Management and Handling) Rules, 2000 published vide notification number S.O. 908(E), dated the 25th September, 2000 by the Government of India in the erstwhile Ministry of Environment and Forests, provided a regulatory frame work for management of Municipal Solid Waste generated in the urban area of the country;

And whereas, to make these rules more effective and to improve the collection, segregation, recycling, treatment and disposal of solid waste in an environmentally sound manner, the Central Government reviewed the existing rules and it was considered necessary to revise the existing rules witha emphasis on the roles and accountability of waste generators and various stakeholders, give thrust to segregation, recovery, reuse, recycle at source, address in detail the management of construction and demolition waste.

And whereas, the draft rules, namely, the Solid Waste Management Rules, 2015 with a separate chapter on construction and demolition waste were published by the Central Government in the Ministry of Environment, Forest and Climate Change vide G.S.R. 451 (E), dated the 3rd June, 2015 inviting objections or suggestions from the public within sixty days from the date of publication of the said notification; and Whereas, the objections or suggestions received within the stipulated period were duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sections 6, 25 of the Environment(Protection) Act, 1986 (29 of 1986), and in supersession of the Municipal Solid Wastes (Management and Handling) Rules, 2000, except as respect things done or omitted to be done before such supersession, the Central Government hereby notifies the following rules for Management of Construction and Demolition Waste –

1. Short title and commencement—(1) These rules shall be called the Construction and Demolition Waste Management Rules, 2016.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Application.—The rules shall apply to every waste resulting from construction, re-modelling, repair and demolition of any civil structure of individual or organisation or authority who generates construction and demolition waste such as building materials, debris, rubble.

3. Definitions —(1) In these rules, unless the context otherwise requires,–

- (a) “ACT” means the Environment (Protection) Act, 1986 (29 of 1986);
- (b) "**construction**" means the process of erecting of building or built facility or other structure, or building of infrastructure including alteration in these entities;
- (c) "**construction and demolition waste**" means the waste comprising of building materials, debris and rubble resulting from construction, re-modelling, repair and demolition of any civil structure;
- (d) "**de-construction**" means a planned selective demolition in which salvage, re-use and recycling of the demolished structure is maximized;
- (e) "**demolition**" means breaking down or tearing down buildings and other structures either manually or using mechanical force (by various equipment) or by implosion using explosives.
- (f) "**form**" means a Form annexed to these rules;

(g) “local authority” means an urban local authority with different nomenclature such as municipal corporation, municipality, nagarpalika, nagarnigam, nagarpanchayat, municipal council including notified area committee and not limited to or any other local authority constituted under the relevant statutes such as gram panchayat, where the management of construction and demolition waste is entrusted to such agency;

(h) “schedule” means a schedule annexed to these rules;

(i) “service provider” means authorities who provide services like water, sewerage, electricity, telephone, roads, drainage etc. often generate construction and demolition waste during their activities, which includes excavation, demolition and civil work;

(j) “waste generator” means any person or association of persons or institution, residential and commercial establishments including Indian Railways, Airport, Port and Harbour and Defence establishments who undertakes construction of or demolition of any civil structure which generate construction and demolition waste.

(2) Words and expressions used but not defined herein shall have the same meaning defined in the ACT.

(4) Duties of the waste generator –

(1) Every waste generator shall prima-facie be responsible for collection, segregation of concrete, soil and others and storage of construction and demolition waste generated, as directed or notified by the concerned local authority in consonance with these rules.

(2) The generator shall ensure that other waste (such as solid waste) does not get mixed with this waste and is stored and disposed separately.

(3) Waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month shall segregate the waste into four streams such as concrete, soil, steel, wood and plastics, bricks and mortar and shall submit waste management plan and get appropriate approvals from the local authority before starting construction or demolition or remodelling work and keep the concerned authorities informed regarding the relevant activities from the planning stage to the implementation stage and this should be on project to project basis.

(4) Every waste generator shall keep the construction and demolition waste within the premise or get the waste deposited at collection centre so made by the local body or handover it to the authorised processing facilities of construction and demolition waste; and ensure that there is no littering or deposition of construction and demolition waste so as to prevent obstruction to the traffic or the public ordains.

(5) Every waste generator shall pay relevant charges for collection, transportation, processing and disposal as notified by the concerned authorities; Waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month shall have to pay for the processing and disposal of construction and demolition waste generated by them, apart from the payment for storage, collection and transportation. The rate shall be fixed by the concerned local authority or any other authority designated by the State Government.

(5) Duties of service provider and their contractors –

(1) The service providers shall prepare within six months from the date of notification of these rules, a comprehensive waste management plan covering segregation, storage, collection, reuse, recycling, transportation and disposal of construction and demolition waste generated within their jurisdiction.

(2) The service providers shall remove all construction and demolition waste and clean the area every day, if possible, or depending upon the duration of the work, the quantity and type of waste generated, appropriate storage and collection, a reasonable timeframe shall be worked out in consultation with the concerned local authority.

(3) In case of the service providers have no logistics support to carry out the work specified in sub rules(1) and (2) , they shall tie up with the authorised agencies for removal of construction and demolition waste and pay the relevant charges as notified by the local authority.

(6) Duties of local authority-The local authority shall

- (1) issue detailed directions with regard to proper management of construction and demolition waste within its jurisdiction in accordance with the provisions of these rules and the local authority shall seek detailed plan or undertaking as applicable, from generator of construction and demolition waste
- (2) chalk out stages, methodology and equipment, material involved in the overall activity and final clean up after completion of the construction and demolition
- (3) seek assistance from concerned authorities for safe disposal of construction and demolition waste contaminated with industrial hazardous or toxic material or nuclear waste if any
- (4) shall make arrangements and place appropriate containers for collection of waste and shall remove at regular intervals or when they are filled, either through own resources or by appointing private operators
- (5) shall get the collected waste transported to appropriate sites for processing and disposal either through own resources or by appointing private operators
- (6) shall give appropriate incentives to generator for salvaging, processing and or recycling preferably in-situ
- (7) shall examine and sanction the waste management plan of the generators within a period of one month or from the date of approval of building plan, whichever is earlier from the date of its submission
- (8) shall keep track of the generation of construction and demolition waste within its jurisdiction and establish a data base and update once in a year
- (9) shall device appropriate measures in consultation with expert institutions for management of construction and demolition waste generated including processing facility and for using the recycled products in the best possible manner
- (10) shall create a sustained system of information, education and communication for construction and demolition waste through collaboration with expert institutions and civil societies and also disseminate through their own website;
- (11) shall make provision for giving incentives for use of material made out of construction and demolition waste in the construction activity including in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads.

(7) Criteria for storage, processing or recycling facilities for construction and demolition waste and application of construction and demolition waste and its products-

- (1) The site for storage and processing or recycling facilities for construction and demolition waste shall be selected as per the criteria given in **Schedule I**;
- (2) The operator of the facility as specified in sub- rules (1) shall apply in **Form I** for authorization from State Pollution Control Board or Pollution Control Committee.
- (3) The operator of the facility shall submit the annual report to the State Pollution Control Board in **Form II**.
- (3) Application of materials made from construction and demolition waste in operation of sanitary landfill shall be as per the criteria given in **Schedule II**.

(8) Duties of State Pollution Control Board or Pollution Control Committee-

- (1) State Pollution Control Board or Pollution Control Committee shall monitor the implementation of these rules by the concerned local bodies and the competent authorities and the annual report shall be sent to the Central Pollution Control Board and the State Government or Union Territory or any other State level nodal agency identified by the State Government or Union Territory administration for generating State level comprehensive data. Such reports shall also contain the comments and suggestions of the State Pollution Control Board or Pollution Control Committee with respect to any comments or changes required;
- 2) State Pollution Control Board or Pollution Control Committee shall grant authorization to construction and demolition waste processing facility in **Form-III** as specified under these rules after examining the application received in **Form I**;
- (3) State Pollution Control Board or Pollution Control Committee shall prepare annual report in **Form IV** with special emphasis on the implementation status of compliance of these rules and forward report to Central Pollution Control Board before the 31st July for each financial year.

(9) Duties of State Government or Union Territory Administration-

- (1) The Secretary in-charge of development in the State Government or Union territory administration shall prepare their policy document with respect to management of construction and demolition of waste in accordance with the provisions of these rules within one year from date of final notification of these rules.
- (2) The concerned department in the State Government dealing with land shall be responsible for providing suitable sites for setting up of the storage, processing and recycling facilities for construction and demolition waste.
- (3) The Town and Country planning Department shall incorporate the site in the approved land use plan so that there is no disturbance to the processing facility on a long term basis.
- (4) Procurement of materials made from construction and demolition waste shall be made mandatory to a certain percentage (say 10-20%) in municipal and Government contracts subject to strict quality control.

(10) Duties of the Central Pollution Control Board - (1) The Central Pollution Control Board shall,-

- (a) prepare operational guidelines related to environmental management of construction and demolition waste management;
- (b) analyze and collate the data received from the State Pollution Control Boards or Pollution Control Committee to review these rules from time to time;
- (c) coordinate with all the State Pollution Control Board and Pollution Control Committees for any matter related to development of environmental standards;
- (d) forward annual compliance report to Central Government before the 30th August for each financial year based on reports given by State Pollution Control Boards of Pollution Control Committees.

(11) Duties of Bureau of Indian Standards and Indian Roads Congress - The Bureau of Indian Standards and Indian Roads Congress shall be responsible for preparation of code of practices and standards for use of recycled materials and products of construction and demolition waste in respect of construction activities and the role of Indian Road Congress shall be specific to the standards and practices pertaining to construction of roads.

(12) Duties of the Central Government –

- (1) The Ministry of Urban Development, and the Ministry of Rural Development, Ministry of Panchayat Raj, shall be responsible for facilitating local bodies in compliance of these rules;
- (2) The Ministry of Environment, Forest and Climate Change shall be responsible for reviewing implementation of these rules as and when required.

13. Timeframe for implementation of the provisions of these rules - The timeline for implementation of these rules shall be as specified in **Schedule III**:

14. Accident reporting by the construction and demolition waste processing facilities- In case of any accident during construction and demolition waste processing or treatment or disposal facility, the officer in charge of the facility in the local authority or the operator of the facility shall report of the accident in **Form-V** to the local authority. Local body shall review and issue instruction if any, to the in charge of the facility.

**Executive Engineer,
SJHD, CPWD
New Delhi**

Schedule I

Criteria for Site Selection for Storage and Processing or Recycling Facilities for construction and

Demolition Waste

[See Rule 7(1)]

- (1) The concerned department in the State Government dealing with land shall be responsible for providing suitable sites for setting up of the storage, processing and recycling facilities for construction and demolition and hand over the sites to the concerned local authority for development, operation and construction, which shall ultimately be given to the operators by Competent Authority and wherever above Authority is not available, shall lie with the concerned local authority.
- (2) The Local authority shall co-ordinate (in consultation with Department of Urban Development of the State or the Union territory) with the concerned organizations for giving necessary approvals and clearances to the operators.
- (3) Construction and demolition waste shall be utilized in sanitary landfill for municipal solid waste of the city or region as mentioned at Schedule I of this rule. Residues from construction and demolition waste processing or recycling industries shall be land filled in the sanitary landfill for solid waste.
- (4) The processing or recycling shall be large enough to last for 20-25 years (project based on-site recycling facilities).
- (5) The processing or recycling site shall be away from habitation clusters, forest areas, water bodies, monuments, National Parks, Wetlands and places of important cultural, historical or religious interest.
- (6) A buffer zone of no development shall be maintained around solid waste processing and disposal facility, exceeding five Tonnes per day of installed capacity. This will be maintained within the total area of the solid waste processing and disposal facility. The buffer zone shall be prescribed on case to case basis by the local authority in consultation with concerned State Pollution Control Board.
- (7) Processing or recycling site shall be fenced or hedged and provided with proper gate to monitor incoming vehicles or other modes of transportation.
- (8) The approach and or internal roads shall be concreted or paved so as to avoid generation of dust particles due to vehicular movement and shall be so designed to ensure free movement of vehicles and other machinery.
- (9) Provisions of weigh bridge to measure quantity of waste brought at landfill site, fire protection equipment and other facilities as may be required shall be provided.
- (10) Utilities such as drinking water and sanitary facilities (preferably washing/bathing facilities for workers) and lighting arrangements for easy landfill operations during night hours shall be provided and Safety provisions including health inspections of workers at landfill sites shall be carried out made.
- (11) In order to prevent pollution from processing or recycling operations, the following provisions shall be made, namely:
 - (a) Provision of storm water drains to prevent stagnation of surface water;
 - (b) Provision of paved or concreted surface in selected areas in the processing or recycling facility for minimizing dust and damage to the site.
 - (c) Prevention of noise pollution from processing and recycling plant;
 - (d) Provision for treatment of effluent if any, to meet the discharge norms as per Environment (Protection) Rules, 1986.
- (12) Work Zone air quality at the Processing or Recycling site and ambient air quality at the vicinity shall be monitored.
- (13) The measurement of ambient noise shall be done at the interface of the facility with the surrounding area, i.e., at plant boundary.
- (14) The following projects shall be exempted from the norms of pollution from dust and noise as mentioned above:
For construction work, where at least 80 percent construction and demolition waste is recycled or reused in-situ and sufficient buffer area is available to protect the surrounding habitation from any adverse impact.
- (15) A vegetative boundary shall be made around Processing or Recycling plant or site to strengthen the buffer zone.

Schedule II**Application of materials made from construction and demolition waste and its products.****[See Rule 7(3)]**

Sl. No.	Parameters	Compliance Criteria
1	Drainage layer in leach ate collection system at bottom of Sanitary Landfill Gas Collection Layer above the waste at top of Sanitary Landfill and Drainage Layer in top Cover System above Gas Collection Layer of Sanitary Landfill For capping of sanitary landfill or dumpsite, drainage layer at the top	Only crushed and graded hard material (stone, concrete etc.) shall be used having coarse sand size graded material (2mm – 4.75mm standard sieve size) Since the coarse sand particles will be angular in shape (and not rounded as for riverbed sand), protection layers of non-woven geotextiles may be provided, wherever required, to prevent puncturing of adjacent layers or components.
2	Daily cover	Fines from construction and demolition processed waste having size up to 2 mm shall be used for daily cover over the fresh waste. Use of construction and demolition fines as landfill cover shall be mandatory where such material is available. Fresh soil (sweet earth) shall not be used for such places and borrow-pits shall not be allowed. Exception – soil excavated during construction of the same landfill. During hot windy days in summer months, some fugitive dust problems may arise. These can be minimised by mixing with local soil wherever available for limited period.
3	Civil construction in a sanitary landfill	Non-structural applications, such as kerb stones, drain covers, paving blocks in pedestrian areas

Form –V
See [Rule14]
Accident reporting

1. Date and time of accident :
2. Sequence of events leading to accident :
3. The type of construction and demolition waste involved in accident :
4. Assessment of the effects of the accidents
 - a. on traffic, drainage system and the environment :
5. Emergency measures taken :
6. Steps taken to alleviate the effects
 - a. of accidents :
7. Steps taken to prevent the recurrence
 - a. of such an accident :
8. Regular monthly health checkup of workers at
 - a. Processing / recycling site shall be made
9. Any accident during the collection,
 - a. transportation and treatment including
 - b. processing and recycling should be informed
 - c. to the Competent Authority (Local Authority) or
 - d. Prescribed Authority

Date : Authorized Signatory

Place: Designation

[18-6/2014-HSMD]
Bishwanath Sinha, Joint Secretary

NOTE:- 1. This Card is valid only for specified working place/place of duty. 2. The Contractor is fully responsible for any misuse of this card beyond duty hours/days. 3. The Contractor bears responsibility for the character of Cardholder worker.	• Sl. No..... WORKERS IDENTITY CARD Name of Agency with address :- Telephone No./Mobile Registration No. :- VALID UPTO
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Name of Worker :- Present Address:- Permanent Address:- Identification Mark:- Place of Duty	Photo Signature of Worker Signature of Contractor :
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PROFORMA OF SCHEDULES

SCHEDULE 'A'				
Schedule of quantities		CIVIL	:	Attached
SCHEDULE B				
Schedule of materials to be issued to the contractor:			NIL	
SCHEDULE C				
Tools and plants to be hired to the contractor:			NIL	
SCHEDULE 'D'				
Extra schedule for specific requirements/documents for the work, if any:			NIL	
SCHEDULE 'E'				
Reference to General Conditions of contract: -		General Conditions of Contract (GCC)– Maintenance Work -2023 amended/modified up to last date receipt of tender i/c extension, if any		
Name of Work:-		A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).		
Estimated cost of work:-		Civil	:	Rs. 36,34,714/-
(i)	Earnest money: (To be returned after receiving performance guarantee)		:	Rs. 72,694/- (To be refunded after receipt of P.G.)
(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.		
(iii)	Security Deposit :-	2.5% of tendered Value.		
SCHEDULE 'F'				
General Rules & Directions: -				
Officer inviting tender:-		Executive Engineer (C), SJHD, CPWD, New Delhi.		
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3		See below		
Definitions:				
2 (vi)	Engineer-in-Charge	(i)	Civil work	Executive Engineer (C), SJHD, CPWD, New Delhi. or his successor

2 (viii)	Accepting Authority	Competent Authority.	
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits.	15%	
2 (xi)	Standard schedule of Rates	Civil	DSR 2023 upto date correction slips upto the last date of receipt of online bid including extension & Market Rates .
2 (xii)	Department	Central Public Works Department	
9 (ii)	Standard CPWD contract form	GCC -2023 Maintenance work, CPWD form 7 as modified and corrected up to date amended/modified up to last date receipt of tender i/c extension, if any)	

Clause 1

(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, in days.	7 days
(ii) Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period as provided in (i) above.	3 days

Clause 2

Authority for fixing compensation under clause 2.	Superintending Engineer, DC-X, CPWD, R.K. Puram, New Delhi or his successor.
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Clause 2A

Whether Clause 2A shall be applicable	Not Applicable
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Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start :	10 days
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Mile stone(s) as per table given below:

Sl. No.	Description of Milestone (Physical)	Time allowed in days (From date of start)	Amount to be with-held in case of non-achievement of milestone.
----- Not applicable -----			
Time allowed for execution of work :		45 (Forty five) Days	
Authority to decide:			
(i)	Authority to convey the decision of shifting of Milestone and Extension of time	Executive Engineer, SJHD, CPWD, New Delhi.	
(ii)	Authority to decide Re-scheduling of mile stones and Extension of time	Superintending Engineer, DC-X, CPWD, R.K. Puram, New Delhi or his successor	
(iii)	Shifting of date of start in case of delay in handing over of site	Superintending Engineer, DC-X, CPWD, R.K. Puram, New Delhi or his successor.	

Schedule of handing over of site			
Part	Portion of site	Description	Time Period for handing over reckoned from date of issue of Performance guarantee
Part A	Portion without any hindrance	All	As per Performance Guarantee
Part B	Portions with encumbrances	Nil	NA
Part C	Portions dependent on work of other agencies	Nil	NA
Clause 5A			
Whether Clause 5A shall be applicable		Not Applicable	
Clause 6			
Electronic Measurement Book (EMB)			
Mode of measurements		Electronic Measurement Book (EMB) through CPWD ERP Portal	

Clause 7	
Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Work done 40% of Tender Amount Or Mutually Agreed by Engineer-in- charge and Agency
Clause 7A	
Whether Clause 7A shall be applicable	Yes
Clause 10A	
List of testing equipment to be provided by the contractor at site lab.	As per requirement of site and direction of Engineer-in-charge.
Clause 10B(i)	
Whether Clause 10B(i) shall be applicable	Not Applicable

Clause 10C	Not Applicable		
Component of labour expressed as percent of value of work	Civil Work		

Clause 10CC			
Whether Clause 10CC shall be applicable	Not Applicable		

Clause 11	
Specifications to be followed for execution of work	
Civil works:	C.P.W.D. Specification 2019 Vol.-I and Vol.-II (with correction slips upto last date of receipt of online tender including extension, if any) and as per manufactures specification

Clause 12

Type of work:	MAINTENANCE WORKS
Clause 12.2 & 12.3 Deviation limit beyond which clauses 12.2 shall apply for building works.	No Limit

Clause 16 Competent Authority for deciding reduced rates. (Shall be limited upto 5% of the Contract Value.)	Superintending Engineer, DC-X, CPWD, R.K. Puram, New Delhi or his successor
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Clause 18		
List of mandatory machinery, tools & plants to be deployed by the contractor at site	:	Civil works: As required for executing the items as per Schedule of Quantities and as per directions of Engineer-in-charge

Clause 19

Clause 19 C	 Authority to decide penalty for each default	Engineer – in - charge
Clause 19 D	 Authority to decide penalty for each default	Engineer – in - charge
Clause 19 G	 Authority to decide penalty for each default	Engineer – in - charge
Clause 19 K	 Authority to decide compensation for each default	Engineer – in - charge

Clause 25

Settlement of Disputes by Conciliation and Arbitration:

(a)	Conciliator: -	ADG(Delhi), CPWD, New Delhi
(b)	Arbitrator :- Appointing Authority	Superintending Engineer, DC-10, CPWD, New Delhi
(c)	Place of	New Delhi

Arbitration: -	
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Clause 32							
“Requirement of Technical Representative (s) and Recovery Rates”							
Sl. No.	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical /Technical Representative	Minimum Experience in years	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32(i) (Rs per month per person)	
						Figures	words
1	Graduate Engineer or Diploma Engineer	Civil work	Planning /Quality/ Billing Engineer	2 or 5 respectively	1	15,000/-	Rupees Fifteen Thousand only

Note:

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

Clause 38			
(i)	(a)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 printed by CPWD with up to date correction slips	
(ii)	Variations permissible on theoretical quantities:		
	a)	Cement for works with estimated cost put to tender not more than Rs. 25 Lakh	3% plus/minus.
		For works with estimated cost put to tender more than Rs 25 Lakh	2% plus/minus.
	b)	Bitumen for all works.	nil on minus side
	c)	Steel Reinforcement and structural steel sections for each diameter, section and category.	2% plus/minus
	d)	Paints & Chemicals	Nil

**Executive Engineer,
SJHD, CPWD,
New Delhi**

GENERAL CONDITIONS

1. It shall be deemed that the contractor has satisfied himself about the nature and location of the work general and local conditions, particularly those pertaining to transport, handling and storage of materials, general ground conditions and highest flood level etc. before tendering. The department shall not be responsible for lack of knowledge as also the consequences thereof. The information & site data shown in the drawings and mentioned herein or elsewhere in the tender documents are being furnished for general information and guidance only. The Engineer-in-Charge shall not be responsible for the correctness thereof or any interpretations / or conclusions drawn there from by the contractor and nothing extra shall be paid even if, the site conditions / information are different or otherwise incorrect as it is presumed that the contractor has satisfied himself of all possible contingencies, situations, bottlenecks and acts which may be required between different agencies.
2. The contractor must study the specifications and conditions carefully before tendering. If there are varying or conflicting provisions made elsewhere forming part of the contract, the Engineer-in- Charge shall be the deciding authority with regard to the intention / interpretation of the documents and it will be binding on the contractor without any reservation whatsoever and nothing extra shall be paid. Any error in description, quantity or rate in schedule of work /item or any omissions there from shall not vitiate the contract or release the contractor from the execution of the whole work or any part of the work comprised there in according to drawings and specifications or from any of his obligations under the contract.
3. For completing the work in time, the contractor might be required to work in shifts including night shifts and no claims whatsoever shall be entertained on this account. Not with standing 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 regulations and the agreement entered upon and / or extra amount for any other reasons.
4. The contractor or his authorized representative should always be available at the site of work to take instruction from the departmental officers, and ensure proper execution of work.
5. Permission shall be obtained by the contractor directly from traffic authorities for entry of trucks, vehicles and machinery to site of work as may be required for timely completion of the work.
6. **The contractor shall make his own arrangements for stores, labour tents etc. Water supplied by the department or not, recovery @ 1% shall be made on gross amount of work done.**
7. The contractor shall make his own arrangements for stores, labour tents etc. Electricity supplied by the department or not, recovery 1percentage shall be made on gross amount of work done, if Government Electricity is used at the work
8. The contractor shall make his own arrangement of power connection at his own cost. No claim of whatsoever due to power failure shall be entertained.
9. Income Tax plus levied surcharge on Income Tax and Sales Tax / Work contract tax and other taxes etc. as applicable shall be recovered from the contractors.
10. The rates shall be inclusive of the pumping, bailing out of water due to rains, floods, leakage from sewers or water mains, sub soil water table or any other cause whatsoever during the course of execution of work. Nothing extra shall be payable on this account.
11. The quantity of earth required for filling back in trenches, plinth and side of foundations shall be kept at site of work by the contractor in such a manner so as not to hinder the progress of work in any way and/or any other construction activity. The contractor shall also ensure that the movement of traffic on service as well as main roads around the site of work is also not affected due to stacking of earth.
12. The contractor shall take instructions from the Engineer-in-Charge for stacking of all materials at site. The contractor shall not stack any materials on any location which may cause serious

inconvenience to the public and other construction agencies using the site/surrounding. The Engineer-in-Charge may ask the contractor to remove all such material(s) considered by him to be causing inconvenience to anyone. Nothing shall be payable on this account.

13. The probable quantity of surplus earth etc. shall be removed simultaneously by the contractor. If the contractor fails to remove the malba within 48 hours, the department may remove the malba so collected and recovery @ Rs. 2,000/- per cum shall be made from the contractor. The decision of Engineer-in-charge shall be final in this regard.
14. Building rubbish / surplus excavated earth shall be removed simultaneously with the progress of the work so as to keep the site clear and to avoid any hindrance to the work and to prevent any inconvenience to public / traffic using the surrounding areas/ service roads.
15. The contractor shall have to carry out the work according to the programme submitted by him and approved by the Engineer-in-charge of the work. No claim for idle-labour on any account shall be entertained. If for any reason, any part of the site is not available temporarily for some time for any part of the work under the contract, the agreed construction schedule shall be suitably modified and contractor shall diligently divert his men and materials to utilize them profitably and no claim of damages whatsoever shall be entertained on this account. However the contractor shall be allowed suitable extension of time for completing the work as deemed fit by the competent authority.
16. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers etc. He shall be responsible for all damages and accidents caused to existing / new work due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work.
17. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fee and charges which may be liable. The contractor shall give due notices to municipality/police and / or other authorities that may be required under the law / rules in-force prevailing in that area and obtain all requisite permissions for temporary obstructions / enclosures and pay all charges which may be leviable on account of his execution of the work under the Agreement. Nothing extra shall be payable on this account.
18. Some restrictions may be imposed by the security staff / Traffic Police on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
19. Any damages done by the contractor to any existing work shall be made good by him simultaneously at his own cost. Existing adjacent buildings, drain pipes, culverts, overhead wires, water supply lines and similar services encountered during the course of execution shall be protected against damage by the contractor and nothing extra shall be payable for the same. The contractor shall not store material or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
20. The contractor shall maintain in good condition all work executed by him till completion of the work and handing over the same to the department.
21. Approved samples of materials / items shall be kept at site of work till completion of the work. Each approved sample shall be signed by the contractor and Engineer-in-charge.
22. A reference made to any Indian Standard Codes in these documents, shall imply reference to the latest version of that standard including such revision / amendments as issued by the Bureau of Indian Standards at the time of execution of work. The contractor shall have to keep all relevant publications / codes at the site at his own cost. However, Engineer-in-Charge may direct for keeping any other publication / code at the site of work, required in connection with work.
23. All necessary tests as per the NIT / CPWD specifications / relevant BIS codes shall be carried out on all other materials whether ISI marked or otherwise. Wherever NIT/ CPWD specifications/ relevant BIS codes do not specify the frequency of tests the same shall be carried out as per the direction of the Engineer-in-Charge. The material shall be got tested in approved laboratory for Delhi Circle -10 or as decided by Engineer-in-charge. The cost of sample including packing, transportation and other incidental charges shall be borne by the contractor.

24. Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and nothing extra shall be payable to him on this account. The rate for all items in which use of cement is involved shall be inclusive of charge for curing.
25. No structural member shall be chased or cut without the written permission of the Engineer-in-charge.
26. The entire work shall be carried out strictly as per CPWD specifications 2019 Vol. I & II with upto date correction slips. Wherever CPWD specifications are silent relevant BIS codes shall be applicable. If the item is not available in the relevant BIS Code then the decision of the Engineer-in-charge shall be final.
27. The contractor shall, if required by the Engineer-in-charge produce manufacturer's test certificate for any material of particular batch of materials supplied by him. The test(s) carried out as per relevant specifications / BIS code.
28. All incidental charges of any kind for the materials to be arranged by the contractor what so ever i/c cartage, storage, cutting and wastage etc. shall be borne by the contractor himself and nothing extra will be paid to him on this account.
29. The Contractor has to make his own arrangement for all the materials reqd. for the work & get the materials approved from the Engineer-in-charge before using the same in the work.
30. The dismantling wherever required should 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 this account.
31. The building rubbish is to be removed side by side during the progress of work & malba should be disposed off in authorized dumping ground. The site will be properly cleaned & dressed before recording of completion certificate.
32. The rates for different items of work shall apply for all heights, lifts & depths unless, otherwise specified.
33. The contractor must get himself acquainted with the proposed site for the works & study specifications & conditions carefully before tendering. No claim whatsoever on this account shall be entertained.
34. Contractor shall clear all the rubbish, scaffolding etc. from the site before the date of completion of work.
35. The work shall be carried out complying, in all respects, with the requirement of relevant local bye laws including NDMC/MCD/PWD.
36. All incidental charges of any kind whatsoever i/c cartage, storage, cutting & wastage etc. shall be borne by the contractor himself & nothing extra will be paid to him on any account.
37. The site shall be made available in stages as the work consists of dismantling & relaying etc. The contractor shall have to carry out the work according to programme given by Executive Engineer/Assistant Engineer-in-charge of the work. No claim for idle-labour on any account shall be entertained.
38. The work shall be carried out as per drawing, designs given by the Engineer-in-charge.
39. Stacking of materials shall be done by the contractor as per direction/ approval of Engineer-In-Charge.
40. The quantities of items should not be executed beyond the agreement quantities without prior permission of Engineer-in-charge.
41. Contractor will have to make his own arrangement for tools, plants & machinery required for the work & department will not supply any tool, plant except stipulated in the agreement.
42. The contractor should read the clauses of CPWD form 7 before tendering. The form shall be part of the contract. This form is available in the office of EE/AE & market as well as internet www.tenderwizard.com CPWD or www.cpwd.gov.in
43. S&S C.I. spun or ductile standard specials shall conform to relevant BIS specifications & bear ISI marking.

44. Department shall issue necessary request letter to local bodies addressed to local concerned bodies for necessary road cutting permission. The Contractor shall be responsible to obtain the required permission & accordingly he will plan the execution of work. The road restoration charges shall be paid by the department. No payment shall be made to the contractor for obtaining the road cutting permission. Secured advance if any shall be paid after receipt of road cutting permission.
 45. The contractor shall take all necessary measures for the safety of traffic during execution of work and provide, erect and maintain such barricades, including signs, marking, flags, lights and flagmen as necessary, at either end of the excavation/embankment and at such intermediate points, as directed by the Engineer-in-charge for the proper identification of construction area. He shall be responsible for all damages and accidents caused due to negligence on his part. Nothing extra shall be paid on this account.
 46. Dismantled materials i.e. G.I./C.I. pipe & fittings etc. shall be kept in safe custody of the contractor as per directions of Engineer-in-charge & no payment shall be made on this account. Engineer-in-charge may allow removal of dismantled materials from site before payment of final bill.
 47. All G.I./C.I. pipe, joints should be got test checked from AE, EE, being hidden item before refilling of Earth by Contractor. The contractor is responsible for getting it test checked.
 48. Contractor will have to engage sufficient Nos. of workers, plumber, beldar to execute all complaints. One supervisor authorized by the contractor or his authorized representative or his qualified Engineer will remain at Enquiry Office to obtain/collect all the complaints & will further give to his workers. The Supervisor will have to maintain a register (as per Annexure B) on monthly basis & have to submit in duplicate to the concerned JE/AE. Supervisor has to give the complaints to the workers in prescribed Performa (Annexure C) which will be duly signed by Allottee/Client if any and the daily report to be submitted to the JE for records. Contractor has to intimate his mobiles numbers and that of supervisor/plumber in writing at enquiry counter so that urgent complains may be given on phone immediately.
 49. Contractor will have to issue Identity cards to all workers/staff engaged on the work. Police verification of all workers is also to be done.
 50. **DISPUTES:-** In case of any disputes or interpretation, Arbitration clause no. 25 of 'General Condition of Contract for CPWD Works 2023 (Maintenance work)' with upto date correction slips shall be followed.
 51. There shall be no concretization of the trees within one meter of their circumference.
 52. The contractor shall take all necessary measures for the safety of traffic during execution of work and provide, erect and maintain such barricades, including signs, marking, flags, lights and flagmen as necessary, at either end of the excavation/ embankment and at such intermediate points, as directed by the Engineer-in-charge for the proper identification of construction area. He shall be responsible for all damages and accidents caused due to negligence on his part. Nothing extra shall be paid on this account.
 53. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fee and charges which may be liable. The contractor shall give due notices to municipality/police and / or other authorities that may be required under the law / rules in-force prevailing in that area and obtain all requisite permissions for temporary obstructions / enclosures and pay all charges which may be leviable on account of his execution of the work under the Agreement. Nothing extra shall be payable on this account.
- For completing the work in time, the contractor might be required to work in shifts including night shifts and no claims 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 regulations and the agreement entered upon and / or extra amount for any other reasons.

54. If there is any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed.
- (i) Description (Nomenclature) of item as per Schedule of Quantities.
 - (ii) Particular Specifications and Special Conditions, if any.
 - (iii) CPWD Specifications (as amended/ modified up to previous day to last date of submission of bid)
 - (iv) Indian Standards Specifications of B.I.S.
 - (v) Additional Conditions
 - (vi) General Conditions of Contract – Maintenance Work 2023 for CPWD Works (as amended/ modified up to previous day to last date of submission of bid)
 - (vii) ASTM, BS or other foreign origin code mentioned in tender document.
 - (viii) Manufacturer's specifications and as decided by the Engineer-in-Charge.
 - (ix) Sound Engineering practices or well established local construction practices.
 - (x) Drawings, if any.
55. Water tanks, taps, sanitary, water supply & drainage pipes, fittings & accessories should conform to bye-laws of local body/corporation, where CPWD specifications are not available. The contractor should engage approved licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/ Corporation authorities wherever required at his own cost. The Contractor shall submit for the approval of the Engineer-in-charge, the name of the plumbing agency (along with their working experience in recent past) proposed to be engaged by him.
56. Due to unprecedented circumstances created by Covid 19, there may be delay or cut in allocation of budget to this division. Hence, no claim whatsoever shall be entertained if there is delay in payment.
57. **Agency will have to intimate its e-mail address, whatsapp contact and mobile phone no. in writing while at the time of submission of performance guarantee. Every notice, letter, intimation shall be intimated through same means of communication which will supersede the means of intimation through postal process.**

**Executive Engineer
SJHD, CPWD
New Delhi**

CONDITIONS FOR ANTI-TERMITE TREATMENT WORK

1. Total quantity of the anti-termite chemical required shall be arranged only after obtaining the prior approval of the make by Engineer-in-charge in writing. Materials shall be kept under double lock and key and proper account of anti-termite chemical used in the work shall be maintained. It shall be ensured that the consumption of the compound is as per specified requirements.
2. The finished surface after termite proofing treatment shall have adequate as per the direction of the Engineer-in-charge.
3. Before commencement of treatment on any surface, it shall be ensured that complete safety measures are taken up. Work shall be executed by experienced worker only.
4. The approved specialized agency for the work of termite proofing will have to execute a guarantee bond in prescribed Performa enclosed at ANNEXURES for removing any defects for at least 05 years.
5. The sole responsibility about the efficiency of termite proofing treatment shall rest with the contractor.
6. 10 percentage of the cost of termite proofing work shall be retained as additional security deposit and the amount so withheld would be released after one years reckoned from the date after maintenance period prescribed in the contract. If the performance of the work done is found unsatisfactory and any defects noticed during the guarantee period, they shall be rectified by the contractor within seven 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 contractor.

GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF ANTI TERMITE TREATMENT

This agreement made this day of year two thousand and Twenty Four between M/s.....(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 the contract (hereinafter called the Contract) dated and made between the GUARANTOR OF THE ONE PART AND Government of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said Contract recited, completely termite-proof/water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said work will remain termite-proof for five years to be reckoned from the date of giving of anti termite treatment.

Now the guarantor hereby guarantees that ANTI TERMITE TREATMENT given by him will render the structures completely termite proof and the minimum life of such Anti termite treatment shall be five years to be reckoned from the date after maintenance period prescribed in the contract. Provided that the guarantor will not be responsible for damage caused by earthquake or structural defects or misuse or alteration and for such purpose.

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

During this period of guarantee the Guarantor shall make good all defects and for that matter, shall replace at his risk and cost such wooden members as may be damaged by termites, and in case of any other defect being found he shall render the building termite-proof at his cost to the satisfaction of the Engineer-in-charge, and shall commence the works of such rectification within seven days from date of issuing 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, and in the later case the decision of the Engineer-in-charge as to the cost recoverable from the Guarantor shall be final and binding.

That if the Guarantor fails to execute the anti-termite treatment or commits breaches hereunder then the Guarantor will indemnify 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 supplemental agreement. As to the amount of loss and/or damage and/or cost incurred by the Government, the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor And by for and on behalf of the President of India on the day, month and year first above written.

Signed, sealed and delivered by OBLIGOR in the presence of –

- 1.
- 2.

Signed for and on behalf of THE PRESIDENT OF INDIA by in the presence of.

- 1.
- 2.

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
D.P. Jindal
EE (Contract)

अधीक्षण अभियंता (सी.एंड.एम.)
Chander Pal SE (C&M)

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


 27/2/26
 EE (Contract)

SCHEDULE OF QUANTITIES					
Name of Work : A/R & M/O Safdarjung Hospital, New Delhi during 2026-27. (SH: Prevention of wood work and Masonry works in New Boys Hostel and Dharamshala).					
S No	Description	Qty	Unit	Rate	Amount
1	Earth Work				
1.1	Supplying chemical emulsion in sealed containers including delivery as specified.				
1.1.1	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	3197.00	ltr	234.75	750496.00
1.2	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				
1.2.1	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.:				
1.2.1.1	With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	1112.00	mtr	53.45	59436.00
1.2.2	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor:				
1.2.2.1	With Chlorpyriphos / Lindane E.C. 20% with 1% concentration	1914.00	Sqm	310.05	593436.00
1.2.3	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :				
1.2.3.1	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	4793.00	mtr	43.00	206099.00
1.2.4	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	7084.00	mtr	279.70	1981395.00
				Total	3590862.00
				Correction Factor @ 0.973	3493909.00
				Add cost index @ 4.03%	140805.00
				Total	3634714.00

**Executive Engineer
SJHD, CPWD,
New Delhi**