INDEX

NIT NO: **251/2026-27/DED-201**

Name of Work: Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement of old & defective firefighting equipment at annexe building).

Estimated cost: Rs. 13,56,598/-

Earnest Money: Rs. 27,132/-

Time allowed: **02 Months**

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NIT Amounting to Rs. 13,56,598/- (Rupees Thirteen Lakhs Fifty Six Thousand Five Hundred Ninety Eight Only) contains Page 1 to 35 is hereby approved.

सहायक अभियन्ता (यो0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Assistant Engineer (P)
DED-201, CPWD
B.K.S. Marg, New Delhi

कार्यपालक अभियन्ता (वै0 एंव यं।0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Executive Engineer (E&M)
DED-201, CPWD
B.K.S. Marg, New Delhi

Addition: NIL Overwriting: NIL Correction: NIL Deletion: NIL

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Executive Engineer (E&M), DED-201 CPWD, 5th Floor Pamba Block, B.K.S. Marg New Delhi 110001 (Phone No.:- 011-23413374 Email Id:- deleeepwed2.cpwd@nic.in) on behalf of President of India invites online percentage rate bids from **approved and eligible registered contractors of CPWD in Composite / Building and Road Category** in appropriate class **or Specialized Agency** in **Two bid** system for the following work:

S. No.	NIT No.	Name of work & Location	Estimated cost put to bid (Rs.)	Earnest Money	Stipulated Period of completion of work (in months)	Last date & time of online submission of bid, copy of receipt of deposition of original EMD, and other documents as specified in the bid document.	Date & Time of Opening of Technical bid.
1	2	3	4	5	6	7	8
1	251/2026-27/DED-201	Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective fire fighting equipment at terrace)	Rs.13,56,598/-	Rs.27,132/-	02Months	26-11-2026 upto 03.00 PM	26-11-2026 at 03.30 PM

Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

- CPWD enlisted contractors - 1(a), 1 (e)
- specialized agency - 1(a), 1 (b), 1 (c), 1 (d), 1 (e)

1. (a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of the month previous to the one in which tenders are invited.

i) Three similar works each costing not less than Rs. 5.43 Lakhs.

or

two similar works each costing not less than Rs. 8.14 Lakhs.

or

one similar work costing not less than Rs. 10.86 Lakhs.

Similar work shall mean works of **SITC of Fire Fighting System.** The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of tenders. **The certificate should be signed by minimum EE level officer.**

ii) In case, the eligible work has been executed by a Joint Venture through one or more individual firm(s), then cost of completed work shall be distributed among the individual firm(s) in proportion to their share in Joint Venture and that will be considered as work experience for individual firm(s) for pre-qualification in bidding.

(b) Should have had Average Annual Financial Turnover of **30%** of the estimated cost put to tender **i.e. Rs. 4.07 Lakhs** during the last three years ending 31st March 2026(Scanned copy of

Certificate from CA with Unique Document Identification Number (UDIN) to be uploaded). The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum.

(c) Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five years ending 31st March 2026

(d) Should have a Banker's Certificate from a commercial Bank for **Rs 5.43 Lakhs** or Net Worth certificate from CA with Unique Document Identification Number (UDIN) of minimum 10 % amount of ECPT **i.e. Rs. 1.36 Lakhs** (Scanned copy of original to be uploaded).

(e) Should have bidding capacity equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

Bidding Capacity = {[AxNxM]-B}

Where,

A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of annual turnover shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

M = Multiplier Factor, the value of M may be taken as under:-

(i) 1.5 for the bids with estimated cost upto Rs. 1000 crore.

(ii) 2.0 for the bids with estimated cost above Rs. 1000 crore and upto 2000 crore.

(iii) 2.5 for the bid with estimated cost above Rs. 2000 crore.

B = Value of existing commitments of ongoing works during the period of execution of work for which bids have been invited.

2. 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 is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form part of bid document.
4. The bid document consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website htpp://etender.cpwd.gov.in or www.cpwd.gov.in free of cost.
5. But the bid can only be submitted after depositing 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 Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD /e-transfer through bharatkosh.gov.in favour of Executive Engineer (E), PWED-II, CPWD, New Delhi, in the office of Executive Engineer (E), PWED-II, CPWD, New Delhi or any Executive Engineer, CPWD and receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified within stipulated time. The same can also be deposited through bharatkosh.gov.in by selecting urban development & poverty alleviation, under EMD head by further selecting PAO: - 043144, PAO (NDZ), CPWD, MOUD, New Delhi, there after DDO-143174, Executive Engineer (E), PWED-II, CPWD New Delhi. Earnest money shall be returned to the unsuccessful bidders on completion of e-tender and uploading the scanned copy of receipt of Bharatkosh is mandatory.
6. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step-to-step process are available on download section of https://etender.cpwd.gov.in.
7. 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.

8. On opening date, the contractor can login and see the bid opening process. After opening of bid he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Certificate of Financial Turn Over: At the time of submission of bid contractor may upload Affidavit/Certificate from CA mentioning Financial Turnover of last 7 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
11. Contractor must ensure to quote rate of each item. The column 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.
12. The Technical Bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
    The decision of rejection of technical bid alongwith reasons of rejections shall be uploaded on ERP portal by tender inviting authority. The aggrieved bidder can make appeal against the decision, on ERP portal within 48 hours of uploading of decision of rejection of technical bid.
    After receipt of appeal from the aggrieved bidder, the tender inviting authority shall upload the decision on the appeal preferably within 3 working days and in no case the financial bid shall be opened without disposal of appeal and uploading the same on ERP portal.
13. ~~Pre Bid conference shall be held in the chamber of ..... at ..... on ..... to clear the doubt of intending bidders, if any.~~
14. ~~When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.~~
15. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
16. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has submitted the documents as per terms of the NIT.
17. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/taking up of works in CPWD. The department reserves the right to verify the particulars furnished by the applicant independently.
18. The bidders are advised to inspect and examine the site & its surroundings and satisfy themselves before submitting their tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent upon any misunderstanding or otherwise shall be allowed.
19. ~~This bid is being invited for repair/rehabilitation/upgradation of the bungalows primarily allotted to the Member of Parliament. The contractor must prepare the program in consultation with Engineer-in-charge as per requirement and the contractor must augment the resources accordingly.~~
20. All needful statutory provision to be adopted at site to tackle epidemic/pandemic or similar situation of Covid-19 shall be done by the agency and expenditure on the same shall be borne by the contractor.

21. List of Document to be scanned and uploaded within the period of bid submission:

i) Insurance surety bond, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee issued by a Commercial Bank against EMD. The Bidder can also deposit EMD in Bharatkosh (www.bharatkosh.gov.in) through Net banking, the details of account as given below:-

Controller code:- 030-Ministry of Housing and Urban Affairs
PAO Code: - 043144, PAO (NDZ),
DDO Code:- 143174

Note 1: - EMD Should be in favour of Executive Engineer(E), PWED-2, CPWD, New Delhi).

(Note 2: - EMD shall be made / issued only from the account of the bidder / tenderer submitting the bid / tender. EMD made / issued from the account other than that of the bidder / tenderer submitting the bid, shall not be accepted).

ii) Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD document shall be issued from the place in which the office of receiving division office is situated) OR acknowledgment slip of depositing EMD through bharatkosh.gov.in.

iii) Certificates of Work Experience. (issued by the authority of the rank of Executive Engineer or equivalent)

iv) Certificate of Financial Turnover from CA.

v) Banker's Certificate or Net Worth Certificate.

vi) Loss and profit statement issued from CA

vii) Affidavit as per provisions of clause 1.2.2 of CPWD-6.

viii) 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".

ix) Copy of enlistment order of CPWD contractor in appropriate class in Composite/Building and Road category. **(Not applicable for specialized agency)**

x) Valid Electrical Contractor License or undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate the contractor having valid electrical license of appropriate class.
(Undertaking Form Enclosed Pg. 11).

xi) ERP Training Certificate issued by National CPWD Academy (NCA), Ghaziabad / Regional Training institute, CPWD.

xii) Copy of Pan Card.

xiii) The agency shall upload Bank Account Details registered with his firm like Bank name, A/c Number, IFSC Code, A/c name on blank paper / firm letter head with valid email ID and Mobile No. or Bank Pass Book having details of Account.

xiv) Any other Document as specified in the NIT.

Note: The SI. No. iv to vi are not applicable for CPWD enlisted contractors of appropriate class in Buildings & Roads category).

सहायक अभियन्ता (यो0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Assistant Engineer (P)
DED-201, CPWD
B.K.S. Marg, New Delhi

कार्यपालक अभियन्ता (वै0 एंव यां0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Executive Engineer (E&M)
DED-201, CPWD
B.K.S. Marg, New Delhi

INFORMATION AND INSTRUCTIONS FOR TENDER INVITING AUTHORITY FOR E-TENDERING

1. The Engineer-in-Charge/DDH of any divisions/projects of CPWD or any other officer designated by CPWD Directorate from time to time, are authorized to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.
2. The NIT approving authority/ Tender inviting authority at the time of issue of NIT also fills and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-

Receipt of deposition of original EMD

(Receipt No…… / date… …… **)**

1. **Name of work: -** Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective firefighting equipment at terrace)
2. NIT No.: - **251/2026-27/DED-201**
3. Estimated Cost.: - Rs. 13,56,598/-
4. Amount of Earnest Money Deposit: - Rs. 27,132/-
5. Last date of submission of bids: - 26-11-2026, upto 15:00 Hrs.

(*To be filled in by Tender inviting authority / NIT approving authority at the time of issue of NIT and uploaded along with NIT)

1. **Name of Contractor** …… #
2. **Form of EMD** …… #
3. **Amount of Earnest Money Deposit** …… #
4. **Date of submission of EMD** …… #

Signature, Name and Designation of EMD receiving officer along with officer stamp

To be filled by EMD receiving EE/DDH)

3. The Authority receiving EMD in original form examines the EMD deposited by the bidder and issues receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazetted authority as authorized by the Engineer-in-Charge/DDH.
4. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving authority releases the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier, after verification from the e-tendering portal website (https:// etender.cpwd.gov.in>closed Tender>all) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

Note: - 1. Receipt of EMD issued by Sub Division will not be accepted. And Tender / Bid shall be rejected.

CPWD-6 for e-Tendering

Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of **CPWD in Composite / Building and Road Category** in appropriate class **or Specialized Agency** in **Two bid** system for the work of "Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annex Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective firefighting equipment at terrace)

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

1.1 The work is estimated to cost **Rs. 13,56,598/-** This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids. For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

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

1.2.1 Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD Contractors.
For works estimated cost up to tendering limit of class -I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture category).

(a) (i) Three similar works each of value not less than Rs. 5.43 Lakhs

Or

(ii) Two similar works each of value not less than Rs. 8.14 Lakhs

Or

(iii) One similar work of value not less than Rs.10.86 Lakhs (all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited.

(b) Should have had Average Annual Financial Turnover of **30%** of the estimated cost put to tender i.e. Rs. 4.07 Lakhs during the last three years ending 31st March 2026(Scanned copy of Certificate from CA with Unique Document Identification Number (UDIN) to be uploaded). The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum.

(c) Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five years ending 31st March 2026

(d) Should have a Banker's Certificate from a commercial Bank for **Rs 5.43 Lakhs** or Net Worth certificate from CA with Unique Document Identification Number (UDIN) of minimum 10 % amount of ECPT **i.e. Rs. 1.36 Lakhs** (Scanned copy of original to be uploaded).

1.2.2 To become eligible for issue of tender, the tenderer 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 tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid).

2. Agreement shall be drawn with the successful bidders on prescribed Form No. C.P.W.D.-7 which is available as a Govt. of India Publication and also available on website 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 **02 Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

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

~~OR~~

~~The site for the work shall be made available in parts as specified below:~~
~~.....~~

~~(ii) The architectural and structural drawing for the work is available~~

~~OR~~

~~The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~

5. The bid document consisting of plans, specifications, the schedule of quantities of the various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website htpp://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. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer(E), PWED-2, CPWD, NEW DELHI)/ e-transfer through bharatkosh.gov.in by selecting urban development & poverty alleviation, under EMD head by further selecting PAO:- 043144, PAO (NDZ), CPWD, MOUD, New Delhi, their after DDO-143174, Executive Engineer (E), PWED-II, CPWD New Delhi shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

   A part of earnest money 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.

   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, who has deposited EMD with any division of CPWD and other documents scanned and uploaded are found in order.

(Note 1: - EMD Should be in favour of Executive Engineer(E), PWED-2, CPWD, NEW DELHI)
(Note 2: - EMD shall be made / issued only from the account of the bidder / tenderer submitting the bid / tender, EMD made / issued from the account other than that of the bidder / tenderer submitting the bid, shall not be accepted.)

The Price bid submitted shall be opened at 03:30 PM on 26-11-2026.

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:
    i) The bidders are found ineligible.
    ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
    iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
    iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. The contractor whose bid is accepted will be required to furnish performance guarantee as per OM No. DG/Manual-2024/20 dated 27.02.2026 performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee 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 along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and 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 within the period specified in Schedule F.

12. **The description of the work is as follows**:
    Name **of work: - Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective firefighting equipment at terrace).**
    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 bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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

be summarily rejected.

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

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

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

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

18. The bids for the work shall remain open for acceptance for a period of ~~30 (thirty) days from the date of opening of bids in case of single bid system and~~ 75 (seventy-five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further

(i) If and tenderer withdraws his tender within 7 days after last date and time (24 hours basis) 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 and tenderer withdraws his tender after expiry of 7 days after last date and time (24 hours basis) 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 respective 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.

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

a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

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

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 011-23413374, e - mail Id deleeepwed2.cpwd@nic.in,) or ERP helpline 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.

*To be filled in by NIT approving authority.

सहायक अभियन्ता (यो0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Assistant Engineer (P)
DED-201, CPWD
B.K.S. Marg, New Delhi

कार्यपालक अभियन्ता (वै0 एंव यं0)
दि0वै0मं0–201, के0लो0नि0वि0
बी0के0एस0 मार्ग, नई दिल्ली।
Executive Engineer (E&M)
DED-201, CPWD
B.K.S. Marg, New Delhi

Addition: NIL Overwriting: NIL Correction: NIL Deletion: NIL

Undertaking Form

UNDERTAKING FOR ASSOCIATING VALID ELECTRICAL CONTRACTOR LICENSE HOLDER

1. **Name of work**: - Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective fire fighting equipment at terrace)
2. NIT No.: - 251/2026-27/DED-201
3. Estimated Cost. Rs. 13,56,598/-
4. Amount of Earnest Money Deposit Rs. 27,132/-
5. Last date of submission of bids: - 26-11-2026, upto 15:00 Hrs.

I undertake that I will either obtain valid electrical license at the time of execution of electrical work or associate the contractor having valid electrical license of appropriate class after acceptance of tender along-with Performance Guarantee otherwise department shall forfeit the deposited EMD absolutely & shall reject my/our tender and debar me/us from re-tendering for this work

Signature :-.....

Agency Name :-.....

Agency Address :- .....

.....

CPWD-7

GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT

STATE:- Delhi **BRANCH:-** E & M **ZONE:-** NDZ –II
DIVISION: - DED-201 **Sub-Division: -** II

Percentage Rate Tender & Contract for Works

Tender for the work of:- Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective firefighting equipment at terrace).

(i) To be uploaded/submitted by **15:00 Hours** on **26-11-2026** **at** etender.cpwd.gov.in

(ii) To be opened in presence of tenderers who may be present at **15:30 Hours** on **26-11-2026** in the office of Executive Engineer(E), DED-201, CPWD, 5th Floor, Pamba Block, B.K.S. Marg, New Delhi-110001.

TENDER

I/We have read and examined the notice inviting tender, schedule, part A, B, C & D, Specifications applicable, Drawings & Designs, General Rules and Directions, **General Conditions of Contract, of 2023 (maintenance work)** as amended/modified up to the previous day to last date of submission of Bid, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the **Conditions of contract of 2023 (maintenance work)** as amended/modified up to the previous day to last date of submission of Bid, and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for ~~Thirty (30) days from the due date of its opening in case of single bid system and for~~ Seventy Five (75) from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialized work and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

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 (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance 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 performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

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 & integrity of the State.

Dated: …….. **Signature of Contractor**

Witness: … … … … … … … … . **Postal Address**

Address:

Occupation:

ACCEPTANCE

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

On non-judicial stamp paper of minimum Rs. 100

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

1. Whereas the **Executive Engineer(E), DED-201, BKS Marg New Delhi-110001** CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under.....(NIT number) ..... dated …….. for (name of work). The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ..... (Rupees …….. only) valid up to ..... (date)*..... as Earnest Money Deposit from ..... (name and address of contractor) ..... (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

   OR

   Whereas the **Executive Engineer(E), DED-201, BKS Marg, New Delhi-110001** 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 up to ..... (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 here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ……..... (Rupees ……only)

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

5. We, ... (indicate the name of the Bank) ….. , further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to 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 rerating 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 not withstanding 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 Contractor.

8. We, ... (indicate the name of the Bank)…… , undertake not ot 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 ……..

WITNESSES:

1. Signature…….. Authorized signatory Name
   Name and Address

   Designation

   Staff Code No.

   Bank Seal

2. Signature……..
   Name and address

*Date to be worked out on the basis of validity period of 45 Days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender. **ln paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

FINANCIAL INFORMATION

I. Financial Analysis – Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Years

2021-22	2022-23	2023-24	2024-25	2025-26

(i) Gross Annual turnover on construction works.

(ii) Profit/Loss.

II. Financial arrangements for carrying out the proposed work.

III. Solvency Certificate from Bankers of the bidder in the prescribed Form "B".

Signature of Chartered Accountant with Seal

Signature of Bidder(s).

FORM "B"

FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/s./Sh. …… having marginally noted address, …….. a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs……. (Rupees …….). This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature) For the Bank

NOTE:

(1) Bankers' certificates should be on letter head of the Bank, addressed to tendering authority i.e. Executive Engineer (E&M) DED-201, CPWD, 5th Floor Pamba Block, B.K.S. Marg New Delhi 110001.

(2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM "B-1"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

It is to certify that as per the audited balance sheet and profit & loss account during the year……., the Net Worth of M/s. …… (Name & Registered Address of individual/firm/company), as on…….. (the relevant date) is Rs…….. after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30% in the last three years ending on (the relevant date)

Signature of Chartered Accountant ……

Name of Chartered Accountant……

Membership No. of ICAI……..

Date and Seal

NOTE:

1. Net Worth certificate should be on letter head of the Chartered Accountant, addressed to tendering authority i.e. Executive Engineer (E&M) DED-201, CPWD, 5th Floor Pamba Block, B.K.S. Marg New Delhi 110001
2. In case of partnership firm, certificate should include names of all partners as recorded with the Chartered Accountant.
3. The certificate should not be more than 6 months old.

FORM 'C'

DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DATE OF SUBMISSION OF TENDERS

S. No	Name of work / project and location	Owner of sponsoring organization	Cost of work in lacs of rupees	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending /In progress with details*	Name and address /Telephone number of officer to whom reference may be made	Whether the work was done on back-to-back basis Yes/No
1	2	3	4	5	6	7	8	9	10

*Indicate gross amount claimed and amount awarded by the Arbitration Tribunal.

Signature of Bidder(s)

FORM "C-1"

PROJECT UNDER EXECUTION

S. No.	Name of work / project & location	Owner or sponsoring organization	Cost of work in crore of Rupees	Date of commencement as per contract	Stipulated date of completion	Up to date percentage progress of work	Slow progress if any and reason thereof	Name and address / telephone number of officer to whom reference may be made	Remarks

Signature of Bidder(s)
With company seal

Form 'C-3'

CALCULATION OF BIDDING CAPACITY DETAILS OF EXISTING COMMITMENTS AND ONGOING WORKS

S. No.	Name of work / project & location	Owner or sponsoring organization	Contract value in crores of rupees	Date of commencement as per contract	Stipulated date of completion	Up to date percentage progress of work	Remaining work in percentage (100- column 7)	Existing commitment column 4 x column 8/100	Name and address/telephone number of officer to whom reference may be made	Remarks

Total (B) =
Maximum turnover in last seven years =Rs……
Updated value of turnover (A) =Rs……
No. of years (N) =……
Bidding Capacity = {[AxNx1.5]-B} =……

Note: -*
A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of annual turnover shall be brought to current costing level by enhancing at a simple rate of 7% per annum.
N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.
B = Value of existing commitments of ongoing works during the period of execution of work for which bids have been invited.

Certificate: I certify that all the awarded and ongoing works have been included in the above list.

Signature of Bidder(s)

FORM 'D'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS "C"

1. Name of work/project & location
2. Agreement no.
3. Estimated cost
4. Tendered cost
5. Date of start
6. Date of completion
   (i) Stipulated date of completion
   (ii) Actual date of completion

7. (a) Whether case of levy of compensation for delay has been decided or no Yes/No
   (b) If decided, amount of compensation levied for delayed completion, if any

8. Performance Report

(1)	Quality of work	Outstanding/Very Good/Good/Poor
(2)	Financial soundness	Outstanding/Very Good/Good/Poor
(3)	Technical Proficiency	Outstanding/Very Good/Good/Poor
(4)	Resourcefulness	Outstanding/Very Good/Good/Poor
(5)	General Behavior	Outstanding/Very Good/Good/Poor

Dated: Executive Engineer (E) or Equivalent

Schedule A to F

The Proforma of Schedule for each Electrical component. The schedules of quantities of different components are as pages mentioned below: -

PROFORMA OF SCHEDULES		
SCHEDULE 'A' Schedule of quantities, (As per PWD-3): -		**As per schedule of work attached Page: - 34 & 35**
SCHEDULE 'D' Extra schedule for specific requirements/document for the work, if any		**N.A.**
SCHEDULE 'E'		
Reference to General Conditions of contract:		General Conditions of Contract for CPWD works-2023 (maintenance work) as amended/modified up to the previous day to last date of submission of tender.
Name of work:		Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective firefighting equipment at terrace).
Estimated cost of work:		**Rs. 13,56,598/-**
1. Earnest Money:		**Rs. 27,132/-**
2. Performance Guarantee:		**a. PG: - 5% of the estimated cost put to tender (ECPT) or contract amount whichever is higher.** **b. Additional PG: - The Difference between the 80% amount of ECPT and quoted amount in case of tender is abnormally low as per DG OM vide No. DG/Manual-2024/20 dt 27-02-2026**
3. Security Deposit:		2.5% of Tendered Value
SCHEDULE `F': GENERAL RULES & DIRECTIONS:		
Officer Inviting Tender:		Executive Engineer (E&M) DED-201, 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.		As per clause 12 mentioned below
Definitions:		
2 (vi)	Engineer-in-charge:	Executive Engineer (E&M) DED-201, CPWD, New Delhi.
2(viii)	Accepting Authority:	Executive Engineer (E&M) DED-201, CPWD, New Delhi.
2 (x)	Percentage on cost of material and labour to cover all overheads and profits:	15 %
2 (x)(b)	Standard Schedule of Rates:	DSR 2025 (E&M) and amended upto date and Market rate.
2 (xi)	Department:	Central Public Works Department.
9(ii)	Standard CPWD contract Form:	GCC 2023 (maintenance work), CPWD Form 7 as amended/ modified up to the previous day to last date of submission of e-tenders.

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	07 days
(ii) Maximum allowable extension with late fee @0.1% of Performance Guarantee amount per day beyond the period provided in (i) above.	03 days
Clause 2:	
Authority for fixing compensation under clause 2	Chief Engineer, NDZ-2, CPWD, New Delhi
Clause 2A:	
Whether Clause 2/ 2A shall be applicable	Yes
Clause 5:	
Number of days from the date of issue of letter of acceptance for reckoning date of start	10 days

Milestone(s) as per table given below:

Sl. No.	Description of milestone (s) (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of Milestone
		N.A.	

TIME ALLOWED FOR EXECUTION OF WORK— 02 Months

Authority to decide:	
(i) Extension of time:	Chief Engineer (NDZ-II)
(ii) Rescheduling of milestones:	Chief Engineer (NDZ-II)
(iii) Shifting of date of start in case of delay in handing over of Site:	**Chief Engineer (NDZ-II)**

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Sl. No.	Description of milestone (s) (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of Milestone
Sl. No.	Portion without any hindrance	N.A.	
Sl. No.	Portion with encumbrances	N.A.	
Sl. No.	Portion dependent on work of other agencies	N.A.	

Clause 5: **Applicable clause 5/ Clause 5A**	**Clause 5A**
Clause 6- Computerized Measure Book (CMB) / Electronic Measurement Book (EMB)	

Mode of measurement		**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		**7 Lakhs or as per direction of Engineer – in -charge**
Clause 7A: Whether Clause 7A shall be applicable.		Yes
Clause 10 A: List of testing equipment to be provided by the Contractor at site lab.		Equipment's required for field test as per Specification for the item under execution as per agreement.
1.Earth Tester 2. Meggar 3. Clamp Meter		
Clause: 10B(ii)		
Whether clause 10B (ii) shall be applicable		Yes/No
Clause 10 C		Not Applicable
Component of labour expressed as percentage of value of work		……..%
Clause 10 CC		Not Applicable
Schedule of component of other Materials, Labour etc. for price escalation. Component of civil (except materials covered under clause 10CA) /Electrical construction value of work.		Xm ..... %
Component of Labour expressed as percent of total value of work.		Y ..... %
Note : Xm .....% should be equal to (100) - (materials covered under clause 10CA i.e. Cement, Steel, POL and other material specified in clause 10CA + Component of Labour)		
Clause 11: **<u>Specifications to be followed for Electrical works</u>**		**CPWD General Specifications for Electrical Works**: Part-I Internal -2023, Part-II External – 2023, Part-III-Lift & Escalators-2003, Part-IV Sub Station - 2013, Part V Wet Riser & Sprinkler Systems - 2020, Part VI Fire Detection and Alarm System -2018, Part VII D.G. Sets-2013, HVAC -2024 as amended up to date & as per Terms & conditions attached.
Clause 12:		
	Type of work The completion cost of agreement should not exceed 1.50 times of Tendered amount (As per DG/CON/Maintenance 2023/03 Dated:-18/12/2023)	**Maintenance work**
	(i) Upto 1.25 times of Contract Amount (with recorded reasons) (ii) Beyond 1.25 times upto 1.50 times of Contract amount (with recorded reasons)	(i) Executive Engineer(E&M)/DED-201 CPWD (ii) Chief Engineer, NDZ-II, CPWD.
12.2	Deviation Limit beyond which clauses 12.2 shall apply for building work	**No limit**

Clause 16:		
Competent Authority for deciding reduced rates		Chief Engineer, NDZ-2, CPWD, New Delhi
Clause 18 List of Mandatory Machinery, tools, and plants to be deployed by the Contractor at site.		As per site requirement & direction of Engineer in charge.
Clause 19 C	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 D	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 G	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19 K	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions

Clause 25

Conciliator	As decided by Chief Engineer, NDZ-II, CPWD
Arbitrator Appointing authority	As decided by Chief Engineer, NDZ-II, CPWD
Place of Arbitration	New Delhi

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

Sl. No.	**Minimum Qualification of Technical representative**	**Discipline**	**Designation Principal Technical / Technical representative)**	**Minimum Experience**	**Number**	**Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)**	
						Figures	Words
			NIL				

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10-year 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.,	NIL
(ii) Variations permissible on theoretical quantities:	
a) Cement for works with estimated cost put to tender more than Rs. 25 lakhs. For work\s with estimated cost put to tender more than 25 Lakh. **b)** Bitumen for all work. **c)** Steel reinforcement and structural steel sections for each diameter, section and category. **d)** All other materials.	

TERMS AND CONDITIONS

1 The work shall be carried out as per CPWD General Specification of Electrical Works (Part-I(Internal), Part-II (External) &Part VI Fire Detection and Alarm System – 2018 as amended up to date, Part-V (Wet Riser and Sprinkler System) 2020 and as per direction of Engineer-in-Charge.

2 The decision of the engineer – in – charge regarding requirement of test and guarantee certificate in respect of particular material / equipment will be final.

3 Detectors, control and indicting panels, sounders, PA system equipment's, battery unit, manual call points, control modules shall be tested at the manufacturer's works to indicate satisfaction to the contract specifications and test certificate be furnished with the supply.

4 Running in period: After satisfactory commissioning and final inspection, the contractor shall demonstrate the trouble-free working / running of the entire automatic fire alarm system and accessories for a continuous period of not less than 10 days (240 hours) before the department takes over).

5 Guarantee: The contractor shall guarantee the entire FAS / AFAS installation as per specifications both for components and for system as a whole. All equipment shall be guaranteed for one year from the date of acceptance against unsatisfactory performance or break down due to defective design, manufacture and / or installation. The installation shall be covered by the conditions that the whole installation or any part thereof found defective within one year from the date of taking over shall be replaced or repaired by the contractor free of charge as decided by the Department. The warranty shall cover the following:

6 The contractor should provide necessary onsite training to operators of the system and engineers of the department which shall include log in the system, system operation, system initialization, getting displays and reports, trouble shooting, password modification, etc.

7 Manufacturer's catalogue / literature on installation, testing, maintenance and troubleshooting of major equipment's shall be submitted to the department while handing over the installation.

8 All the materials proposed to be used in the work should be got approved from Engineer in Charge before use in work.

9 It will be the responsibility of the contractor / bidder to ensure use of genuine materials in the work. The department reserves the right to get (any / all materials / components) inspected by the manufacturer or their authorized representatives at any stage of the execution of work. If any of the materials, equipment's supplied and used in work is found spurious at any stage, then the department reserves the right to ask the contractor to replace it by genuine one and make suitable recovery till it is done, even if any payment against that material is already made.

10 The department (CPWD) shall not have any responsibility or liability in case of any accident injury to the personnel to the contractor at worksite or to the general public at the work site due to mishandling equipment's by the personnel of the contractor or any other similar reason. The responsibilities and liabilities for such accidents and incidents shall be borne by the contractor.

11 After completion of work the agency shall remove his men, materials and debris etc. from site.

12 The contractor shall be entirely responsible and answerable for all the works done by him regarding quality, adherence to the laid down specifications, terms and conditions, warranty/guarantee etc. and he shall be liable to bear any compensation that may be levied by the department under any of the clauses of the agreement.

13 The contractor is advised to visit the site before quoting for his tender to apprise himself about the site environment and other conditions

14 The contractor will make his own storage of his own materials. The watch and ward of the materials and of the installations would be responsibility of contractor till the work is completed / handed over to the department. Nothing extra shall be paid to the contractor on this account.

15 No payment will be made to the contractor for any damage caused by rain, snow fall, floods, dampness, fire, sun or any other natural cause whatsoever during the execution of work. The damage to the work due to above reason, if any, shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.

16 Final inspection and testing will be done by the engineer-in-charge or his representative as per details to be indicated by the engineer-in-charge.

DETECTORS (Addressable Type)

17 All the detectors in general shall be UL / ULC / FM / LPCB / VdS listed / approved / certified.

18 Smoke detectors shall conform to IS 11360 – 1985, BS 5446 Part I – 1977, BS 5445 (EN 54) Part 7 –

1984 or any other relevant foreign standards as amended up to date.

19 The detector base should be compatible with any detector series of that make so that the same detector base may be used while upgrading / replacing the detector by other type.

20 The detectors shall have built in LED with either blinking facility to indicate healthy condition or facility of bi-colour LED indicator – one colour for healthy condition and the other for fire condition. In the event of an alarm the detector should have 360-degree visible Led indication.

21 The detection and transmission electronics of the detectors shall be in the detector head and not in detector base for easy exchange of detector in the event of malfunction or up-gradation.

22 The detectors shall be intelligent addressable type and shall have in-built microprocessor with memory and decision algorithm and loop isolator.

23 All detectors shall therefore have real intelligence in itself. This means even without help of control panel the detector shall be able to make its own decision, adapt to different environmental condition and diagnose itself. They shall have automatic function self-test, CPU failure mode, alarm and operating data memory and integrated loop isolators.

24 The addressable detectors shall make the final decision on whether a fire or fault exists by comparing the sensed fire / fault patterns against all known fire and fault patterns held in its memory.

25 Detectors not capable of making independent alarm decision shall not be acceptable.

26 Each detector shall be capable on its own to change or compensate the sensitivity as per the environmental condition surrounding the individual detector to give the best result against actual Fire Alarm condition and to avoid false alarm due to accumulation of dust or other environmental conditions as much as possible.

27 Such change of sensitivity in the detector due to environmental condition will not affect efficiency of the detection and alarm system.

28 The sensitivity of all detectors shall be adjustable by a software. It shall be possible to programme detector sensor's sensitivities directly on the loop using interface with a laptop PC and appropriate software from manufacturer.

29 The detectors shall be with soft addressing.

30 The detectors shall be compact and shall have built-in tamper-resistant feature. Unauthorized removal of a detector from its base shall trigger a fault alarm. Removal of detector from its associated base shall however, not affect the continuity of the detection loop.

31 The detectors shall also store an internal identifying type code that the control panel shall use to identify the type of device (photo, thermal, photo-cum-thermal).

32 Detectors shall have a plug-in wiring connector for ease of installation and serviceability. Easy wiring using terminal block shall be provided to enable removing the detector without loss of power to the remaining loop.

33 All the detectors and their bases shall be of same make and shall be of make as that of the main control panel and shall be compatible with each other.

34 The detectors shall be plug-in type and shall have common base.

35 All bases shall be provided with a plastic removable dust cover for protection during site construction as well as an IP rated sealing gasket to prevent dirt and moisture from entering from the fixing surface.

36 All the detectors shall have degree of protection not less than IP 42.

37 All the detectors shall be suitable for operation in an environment with relative humidity varying from 5% to 95 % without condensation. Manual Call Points (Addressable Type)

38 Manual call points shall be microprocessor based intelligent addressable type with built in loop isolator. In the event of localized open or short circuit, the loop isolator will ensure functioning and continuity of the loop.

39 They shall be electrically and electronically compatible with the main fire alarm control panel and other devices in the loop so that they can be directly connected into the system.

40 Degree of protection shall be IP 42 or higher.

41 The manual call points shall be suitable for installation in an ambient temperature varying from – 20 o C to + 50 o C and relative humidity from 5 % to 95 % without condensation.

42 The manual call point shall be breaking glass type or non-breakable / re-settable glass unit type.

43 The address of the unit shall be automatically provided by the main fire alarm control panel (soft addressing) and hence it shall be identifiable by the panel.

44 Manual call points using hard / manual setting of addresses by using any type of dipswitches, binary jumpers or rotary switches etc. will not be acceptable.

45 Manual call points using a separate monitor module to make the unit addressable will not be acceptable.

46 There shall be facility for testing purposes.
47 The manual call points must be opened to be reset. Closing the box after opening it shall automatically perform the reset function.
48 The material of body may be sheet steel or special plastics. The colour shall be fire red.
49 Proof of deposit of provident fund and ESI contribution can be demanded any time by the Engineer in Charge.
50 The rates should be inclusive of all taxes i/c GST & the agency has to pay bonus to their worker / staff engaged for this work, according to labour law.
51 The contractors shall pay the wages, & allowances as applicable and revised time to time by the Govt. and submit the proof of increasing wages paid to the workers deployed for re-imbursement/claim under Clause 10C of agreement.
52 Contractor has to pay Bonus to employee and same shall be reimbursable as per Govt. norms.
53 ESI & EPF shall be re-imbursed to the firm as actual basis paid by the firm or production of proper documentary evidence.
54 The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses / registrations or proof of applying for obtaining labour licenses registration with EPFO, ESIC & BOCW welfare board.

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Assistant Engineer (P)
DED-201, CPWD
B.K.S. Marg, New Delhi

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Executive Engineer (E&M)
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Additional Terms & Conditions

1. The contractors are advised to visit the site of work to have an idea of the execution of the work; failure to do so will not absolve their responsibility to do the work as specified in agreement.
2. No T & P shall be issued to the contractor by the department.
3. All the material to be used on this work by the contractor shall be got approved from the Engineer- in-Charge before supplying at site.
4. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The electrical works are to be executed in coordination with the building work and no claim for idle labour will be entertained.
5. All the debris of the works should be removed and the site should be cleared by the contractor immediately after accumulating of debris. Similarly, any rejected material should be immediately cleared off from the site by the contractor.
6. The contractor shall execute the different items simultaneously, as far as possible so that minimum breakage and repairs are involved.
7. Any minor damage to the Govt. Property shall be made good and nothing extra shall be paid on this account.
8. The staff engaged by the contractor should be well behaved, polite and courteous. Any complaints against staff misbehavior should be taken very seriously and such staff should be removed by the contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-charge has the power to cancel the contract and the contractor shall have no right to claim of loss/compensation.
9. Safety of the staff employed will be the responsibility of the contractor. CPWD will not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/accepted by the Department.
10. The contractor has to work in restricted area and in restricted time due to security reasons. They shall be bound by the instructions of security staff and Engineer-in-Charge in this respect.
11. The rates should be inclusive of all taxes i/c GST.

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Executive Engineer (E&M)
DED-201, CPWD
B.K.S. Marg, New Delhi

LIST OF PREFERRED MAKES

S.No.	ITEM	PREFERRED MAKE
1	Battery charger	Voltron/ system control & Switchgears/ Salvon
2	D.C. Trip power supply unit	System control/ Packard / Voltstat/ Statcon & Switchgear/ Phoenix
3	Relays	ABB/Siemens/ BHEL/L&T
4	Diesel engine	Cummins/ Kiloskar green/ Leyland/ Greaves/ Mitsubishi Japan/ Caterpiller (Full renge)/Til
5	Alternator to deliver 250 KVA as per rating definition	Stamford/ Kirloskar Green/ Crompton Greaves/ Leroysomer
6	Fuse switch units	L&T/Siemens/ABB/GE
7	Contactor	GE/Siemens/ABB/L&T
8	Power Cable	Grandlay / CCI/ Gloster/ Polycab/ Havells
9	AMF Panel & Acoustic Enclosed	Shall be from OEM of DG Sets
10	G.I./M.S. Pipes (SH: 1239/IS:3589) (ISI Marked)	Tata Steel/Jindal (Hissar)
11	Gun Metal/Forged brass valve (ISI Marked)	Kirloskar/Danfoss/Leader
12	Fire/Sprinkler Main Pump/Jockey Pump	Kirloskar/Mather & Platt/KSB
13	Motor	ABB/Siemens/Kirloskar/ Caterpillar/Crompton
14	Mechanical Seal	Burgmann/ Sealol
15	Pressure Switch (ISI marked)	System Sensor/ Indfoss/Danfoss
16	Double/Single Headed Landing Valve (ISI marked)	Minimax/ New Age/ Safeguard/Superex
17	Fire Hose (RRL)	New Age/Padmini/Getech/Safeguard/ Superex
18	First Aid Hose Reel with Drum, Pipe, Tharmo plastic pipe ISI Marked	Minimax/New Age/Safeguard/Getech/Mitras /Kesreplast
19	Stainless Steel Metal Branch Pipe,	Minimax/New Age/Safeguard/ Getech/ Superex
20	Sprinkler Heads (UL listed)	Tyco/ Viking/ Victaulic/HD/ Reliable/Newage
21	Stainless Steel Adaptor, Branch Pipe, Coupling, Hose Cabinet etc.	Getech/Padmini/Minimax/Safeguard/ Superex
22	Pumps, Self priming pump	Kirloskar/KSB/Crompton
23	Annunciation panel	Agni Suraksha, Agni Devices, Agni Instrument
24	Anticorrosive pipe treatment	Pipe Coat
25	PVC Pipe	Polypack/Prakash/Surya/Astral/Finole
26	Power Cables	Havells/CapCab/Gloster/CCI/KEI/Polycab

27	Starter	L&T / Siemens / Crompton / ABB
28	Single Phase Preventer	L&T / Minilec / EAP / BCH
29	Current Transformer	AE / L&T / Kappa
30	MCCB	LEGRAND /HAGGAR/ Siemens/ABB
31	MCB	LEGRAND /HAGGAR/Siemens/ABB/Action
32	Ammeter / Voltmeter (Digital Type)	AE / L&T / Crompton Greaves
33	LED Indicating Lamp / Push Button	Siemens / GE P o w e r / A B B / L & T Schneider Electric
34	Selector Switch	AE / L&T / Kaycee
35	Relay / Timer / Contactor	Siemens / L&T / Schneider Electric / ABB
36	Valves	Leader / Sant/ Kirloskar/ Kalpna
37	M.S. Pipe	Tata, Jindal (Hisar), "C" Class
38	Pumps – Horizontal, Centrifugal	Kirloskar / Grundfoss /KSB /Jhonson/ Mather Platt
39	Motors	Siemens / Crompton / NGEF/Kirloskar electric Co Ltd
40	Pressure Gauges	H. Guru / Waree / Fiebig / Gluck
41	Photo luminescent signage	Agni/Valentino/ Prolite/ Prolite Autoglo

All the materials shall be used confirm to relevant Indian Standard Specification and where ever available material with ISI Certification Mark shall be used.

Note: - The decision of Engineer-in-charge regarding the model of make shall be final and binding based on the prevailing model at the time of execution.

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SCHEDULE OF WORK

Name of work: - Routine maintenance & operation of various electro mechanical services of Western Court Hostel & Western Court Annexe Building under SD-II of DED-201, New Delhi. (SH: balance work for replacement old & defective fire fighting equipment at terrace).

S. No.	Description of Item	Qty.		Rate	Unit	Amount	DSR Code 2025
1	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/Class -II of IS: 3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required						
1.1	80 mm. Dia	60	Mtr.	3068.00	P/Mtr.	184080.00	MR
1.2	150 mm. Dia	25	Mtr.	5104.00	P/Mtr.	127600.00	27.6.2E
2	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 1239/Class -II of IS: 3589 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :.						27.7E
2.2	80 mm. Dia	25	Mtr.	2277.00	P/Mtr.	56925.00	27.7.6E
2.4	150 mm. Dia	150	Mtr.	4299.00	P/Mtr.	644850.00	27.7.8E
3	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required:						27.11E
3.1	150 mm. Dia	2	Set.	9737.00	Set.	19474.00	27.11.6E
4	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :						27.14E
4.1	150 mm. Dia	9	Set.	18884.00	Set.	169956.00	27.14.7E
5	Providing, installation, testing and commissioning of stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange.						27.15E
5.1	100 mm dia	4	Nos	7270.00	Each	29080.00	27.15.3E

5.2	200 mm dia	1	Nos	23571.00	Each	23571.00	27.15.4E
6	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	6	Nos	19402.00	Each	116412.00	27.20E
6.1					**Total Rs (A)**	**1371948.00**	
7	**Less credit for damaged and dismantled material received from the work:-**						
7.1	MS Pipe (Assorted)	50	Kg	27.00	Kg.	1350.00	MR
7.2	Valve (Assorted)	11	Nos.	1000.00	Each	11000.00	MR
7.3	Air Vessal with all accessories	6	Nos.	500.00	Each	3000.00	MR
					Total Rs (B)	**15350.00**	
					Grand Total Rs (A-B)	**1356598.00**	

Note: In case of overall percentage rates quoted by Agency is below the schedule of rates, such below percentage shall not apply on the item 7.1 to 7.3. However, in case quoted overall percentage is above the schedule of rates, such percentage shall also be applied on these items.

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