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Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING

The Assistant Engineer (Electrical)-4, DED-302, CPWD, BKS Marg, New Delhi-110001, 011-23742417/ e-mail: esd4ded302@gmail.com), invites on behalf of President of India, online percentage rate e-tender in single bid system from single bid from **approved and eligible CPWD Building & Road Category contractor** for the following work: -

NIT No.	69/EE(E)/DED-302/2026-27/Delhi/AE(E)-IV
Name of work & location	**RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**
Estimated cost put to tender	**Rs. 5,01,599/-**
Earnest Money	**Rs. 10,032/-**
Period of Completion	02 Months
Last date & time of submission of bids, EMD & other documents as specified in the NIT	Upto 15:00 hrs. on 03-12-2026
Time & date of opening Eligibility bid	15:30 hrs. on 03-12-2026

**To be filled up by AE(E)

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.etender.cpwd.gov.in or www.cpwd.gov.in. But the bid can only be submitted after deposition of original EMD either in the office of **Assistant Engineer (E)–IV/Executive Engineer (E), DED-302 (Formerly known as ED-XVII), CPWD, R K Puram New Delhi** or Division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned document such as Insurance surety Bonds, Account Payee Demand Draft or Bankers Cheque or Fixed Deposit Receipt or / and Bank guarantee (A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee) from any of the Commerical Banks towards EMD in favour of **Executive Engineer (E), ED-XVII, CPWD, New Delhi,** receipt for deposition of original EMD to Division office of any Executive Engineer, CPWD including NIT Issuing EE / AE, CPWD and other document as specified.-
4. Those contractors not registered on the website mentioned above, are required to get registered before and. If needed they can be imparted training on online bidding process as per details available on the website.
5. The intending bidder must have valid class- III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
7. Contractor can upload documents in the form of JPG format and PDF format.
8. Contractor must ensure to quote percentage rate of works component as given in template. The column meant for quoting percentage rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
9. 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 tenderer 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 consider lowest tender.
10. 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.

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

1. Insurance surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank guarantee from any of the Commerical Banks against EMD **in favour of Executive Engineer (E), ED-XVII, CPWD, New Delhi.**
2. Copy of receipt for deposition of original EMD issued from Division office of any Executive Engineer, CPWD (In Enclosed Performa)
   (Note:- EMD is required to deposit in the office of Assistant Engineer (E)–IV/Executive Engineer (E), DED-302 (Formerly known as ED-XVII), CPWD, R K Puram New Delhi or Division office of any Executive Engineer, CPWD within the period of bid submission as per CPWD Works Manual-2022 and associated SOP Provision 5/1 (Para-6)/CPWD OM No. DG/SOP/37 dated 04-05-2022). If the EMD is deposited in Sub Division office then it shall not be considered and tender shall be rejected.)
3. **Enlistment Order of the Contractor of the composite category/ Building & Road category in CPWD in appropriate Class.**
4. GST registration certificate, if already obtained by the bidder.
   lf the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
   "lf work is awarded to me, l/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 l/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".
5. 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.
6. ERP training Certificate. (Note: The enlisted contractor will not be allowed to participate in the tendering process without uploading the certificate of ERP training w.e.f. 01.07.2024.)
7. Email & mobile no. of the firm/ agency on the letter head of firm/ agency (For making correspondence)

Note:- The Lowest Bidder is required to produce original document on or before or at the time of submission of Performance guarantee Money which are uploaded by the bidder at the time of bid submission otherwise Performance guarantee Money shall not be accepted and EMD shall be forfeited .

Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

		CPWD

Receipt of deposition of original EMD

(Receipt No. ……/Date……)

1. Name of Work: **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**

2. NIT No. 69/EE(E)/DED-302/2026-27/Delhi/AE(E)-IV

3. Estimated Cost. Rs. 5,01,599/-

4. Amount of Earnest Money Deposit Rs. 10,032/-

5. Last date of submission of bids:- 03-12-2026, upto 15:00 Hrs.
(*To be filled in by NIT approving authority/ EE at the time of issue of NIT and uploaded along with NIT)

1. Name of contractor:- ----------

3. Form of EMD:- ----------

4. Amount of Earnest Money Deposit:- ----------

5. Date of submission of EMD:- ----------

Signature, Name and Designation of EMD
Receiving officer (EE/AE(P)/AE/AAO)
Along with office stamp

(Note:- 1) EMD should be in favour of Executive Engineer (E), ED-XVII, CPWD, New Delhi
2) EMD is required to deposit in the office of Assistant Engineer (E)–IV/ Executive Engineer (E), DED-302 CPWD, R K Puram New Delhi who is inviting bid or Division office of any Executive Engineer, CPWD within the period of bid submission as per CPWD Works Manual-2022 and associated SOP Provision 5/1 (Para-6)/CPWD OM No. DG/SOP/37 dated 04-05-2022). If the EMD is deposited in Sub Division office then it shall not be considered and tender shall be rejected.)
#To be filled in by EMD receiving EE

भारत सरकार **GOVERNMENT OF INDIA**
केन्द्रीय लोक निर्माण विभाग **CENTRAL PUBLIC WORKS DEPARTMENT**
निविदा आमंत्रण सूचना **NOTICE INVITING e-BID**
(ई–निविदा के लिए/For e-tendering)

1. ~~Item rate~~/ Percentage rate bids are re-invited on behalf of President of India from the
2. **Registered contractor in CPWD in appropriate class of Composite category OR Building & Road Category for the following work** ~~and those of appropriate list of M.E,S, BSNL, Railways and …… State P.W.D. (B&R) or State Govt.'s Department …… (Strike out as the case may be) dealing with building and roads, if there is no state PWD (B&R)~~ for the work of **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**

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

In case only 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. 5,01,599/-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 indicates the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

1.2 Intending bidder is eligible contractors provided they produce 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 issue of bid documents:

1.2.1 Conditions for Non-CPWD contractors only, if bids are also open to non-CPWD contractors.
For works estimated to cost upto tendering limt of class-I composite category Contractor (However, for Horticulture and Furniture etc discipline, it may be modified as per bidding limt of CPWD class I contractors of respective discipline as the case may be)

Three similar works each of value not less than ` Rs..... or two similar work each of value not less than `Rs..... or one similar work of value not less than ` ..... (all figures rounded to nearest convenient figure) in last 7 years ending last previous day of last date of submission of bids.

Note :-
For works costing above tendering limt of class-II Composite Category contractors but upto tendering limt of Clause-I composite category Contractor (However, for Horticulture and Furniture discipline, it may be modified as per bidding limit of CPWD class-II and CPWD class-I contractors respectively of respective discipline as the case may be) when bids are open to non-CPWD contractors also, then class-II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above.

1.2.2 **Criteria of eligibility for CPWD as well as non-CPWD contractors.**
For works estimated to cost above the tendering limt of class-I composite category Contractor (However for Horticulture and Furniture discipline, it may be modified as per bidding limt of CPWD class-I contractors of respective discipline as the case may be.)

Three similar works each of value not less than Rs ----------/- or two similar work each of value not less than Rs ……/-. or one similar work of value not less than Rs ----------/-. (all figures rounded to nearest convenient figure) in last 7 years ending last previous day of last date of submission of bids.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well 1.2.2.(This is not applicable for CPWD enlisted contractor of appropriate class in Composite Category)

To become eligible for submission of bids, 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 Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)

1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2.

But for such bids, Class-I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class-I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.

3. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) 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.

4. 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.

5. The site for the work is available.

   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 the work.

6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.etender.cpwd.gov.in, www.cpwd.gov.in free of cost.

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

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

9. When 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.

10. 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 Commerical Banks (drawn in favour of Executive Engineer (E), ED-XVII, 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 (E), DED-302 (Formerly known as ED-XVII), CPWD, R K Puram New Delhi inviting bids or Division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a

Receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Commerical Bank having validity for 6 months or more from the last date of Receipt of bids which is to be scanned and uploaded by the intending bidders.

9A The contractors 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.

The bid submitted shall be opened at 15:30 PM on 03-12-2026**.**

10. The bid submitted shall become invalid if:
    - **(i)** The bidders is 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 tender 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 trated as invalid and will not be considered as lowest tenderer.

11. The contractor whose bid is accepted will be required to furnish performance guarantee @ 5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated:-27/02/2026 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, then EMD submitted shall be forfeited automatically without any notice to the contractor. The Earnest Money deposited along with the 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 and Programme Chart (Time and Progress) within the period specified in Schedule F.**

12. The description of work is as following:
    Intending bidders are advised to inspect and examine the site and its surroundings and satisfy hemselves 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.

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 bid 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 bid submitted by the contractors who resort to canvassing will be liable to rejection.

15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the 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 a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer to Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the 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 previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18. The bid for the works shall remain open for acceptance for a period of 30 Days **from the date of opening of Eligibility/Technical/Price bid** if any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bider shall not be allowed to participate in the rebiding process of the work.
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19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 7 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 rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

20. For Composite Bids

20.1.1 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.

20.1.2 The bid document will include following three components:

Part A: CPWD-6, **CPWD-7/8** including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2014 as amended/modified upto…….

Part B: General / specific conditions, specifications and quantities applicable to major component of the work.

Part C: Schedule A to F for minor component of the work. (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

20.1.3 The bidders must associate himself, with agencies as per NIT conditions.

20.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.

20.1.5 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/DDH in charge of minor components. One such signed set of agreement shall be handed over to EE/DDH in charge of minor component(s). EE of major component will operate part A and part B of the agreement. EE/DDH in charge of minor component(s) shall operate Part C along with Part A of the agreement.

20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

20.1.8 The main contractor has to associate agency(s) for specialized 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 relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-incharge of relevant component(s).

20.1.9 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 relevant specialized component.
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.

20.1.10 The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to EE/DDH in charge of each relevant 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 MoU/agreement with the new contractor associated by him.

20.1.11 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.

20.1.12 A. The composite work shall be trated as complete when all the components of the work are complete. 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.

20.1.12 B. 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.

On Non-Judicial Stamp Paper Of Minimum Rs. 100
(CPWD, OM No.DG/CON/311 dated 20.10.2020)
(Guarantee Offered By Bank To Cpwd In Connection With The Exection Of Contracts)

Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/Security Deposit/mobilization Advance

1. Whereas, the **Assistant Engineer(E)-IV, DED-302 (Formerly known as ED-XVII), CPWD, BKS Marg, New Delhi-01.** on behalf of the President of India (hereinafter called "The Government") has invited bids under ……(NIT Number)…….dated……for……..(Name of work : **"RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.)."** The Govt. has further agreed to accept irrevocable Bank Guarantee for Rs. ……. (Rs…….. only) valid upto……..(date)*……..as Earnest Money Deposit from……..(name and address of the contractor)……..(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas, the **Assistant Engineer(E)-IV, DED-302 (Formerly known as ED-XVII), CPWD, BKS Marg, New Delhi-01.** 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: **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).** The Governemt has further agreed to accept an irrevocable bank Guarantee for Rs…….(Rupees…….only) valid upto…….(date)…….as Performance Guarantee/SecurityDeposit/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 ater referred to as "the Bank"), hereby undertake to pay to the Govt. an amount not exceeding Rs……. (Rs……..only) on demand by the Govt. 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 Govt. stating that the amount claimed is reqd. 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 unde 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 Govt. any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribubal, 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 shal have no claim against us for making such payment.
5. We, ……(indicate the name of the bank)……., further agree that the Govt. 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 Govt. against the said contractor and 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 Govt. or any indulgence by the Govt. to the said Contractor or by any such matter or thingwhatsover 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 Govt. as its option shal 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 Govt. 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 Govt. in writing.
9. This Bank Gurantee shall be valid upto……unless extended on demand by the Govt. 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

2. Signature….

Authorized signatory
Name
Designation
Staff Code No.
Bank Seal

Name And Address

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

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

(CPWD, OM No.DG/SOP/14 dated 20.10.2020)

(Proforma for encashment of BG to be issued 14 days before its expiry)

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
दि.वै.मं–302 आर.के.पुरम, नई दिल्ली

To

The Manager

…(Name & Address of Bank)…

……

……..

Subject : Request for encashment of Bank Guarantee number……..dated…… for Rs……..valid up to…….. towards earnest money deposit/performance guarantee/security deposit/mobilization advance (As applicable)

Name of Contractor:

Dear Sir,

The above mentioned Bank Guarantee number ……..dated……. is valid up to…….. In terms of paragraph 2 of the said Bank Guarantee, the Govt. of India hereby demands a sum of Rs……..(Rupees……only) payable under this Bank Guarantee since this amount is required to meet the recoveries due from……(name of the contractor)…….. The amount shall be paid latest by……..(give date)…….by transfer to account number……..

The aforesaid Bank Guarantee is being sent to you through……(name and designation)…….along with this letter.

Enclosure : Bank Guarantee

Yours faithfully,
Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

Copy to:……..(Name & address of the contractor)……

Proforma for extension of BG to be issued 30 days before its expiry)

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
दि.वै.मं–302 आर.के.पुरम, नई दिल्ली

To
The (Name and address of Contractor)…
……
……..

Sub : Extension of Bank Guarantee number……dated…… issued by ……(Name of Bank)……
(Name of work: **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**

Agreement No. ……..

Dear Sir,

The Bank Guarantee number……dated…… submitted by you for the above mentioned work as security deposit/performance guarantee/mobilization advance/earnest money deposit (as applicable) is valid upto……

The validity of the aforesaid bank guarantee needs to be extended because……..(give reasons)……..

You are, therefore, requested to get the validity of the said Bank Guarantee extended upto……and submit the same to this office within 15 days from the issue of this letter, failing which it shallbe encashed without further notice.

Yours faithfully,

Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

[Note for EE(E): If extended Bank Guarantee is not received by the prescribed date, action for encashment must be initiated].

CPWD-7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
Percentage Rate Tender & Contract for Works

Tender for the work of : **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**

(i) Tender to be uploaded online by **15:00 hrs. 03**-12-2026

(ii) The time and date of opening of the bid online in presence of tenderers who may be present at **15:30 hrs. 03-12-2026** in the office of **The Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg, New Delhi.**

T E N D E R

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.

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

A sum of Rs. 10,032/- is hereby forwarded in Insurance surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank guarantee (for balance amount as prescribed) issued by any of the Commerical Banks as earnest money.

A copy of earnest money in Insurance surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank guarantee (for balance amount as prescribed) issued by any of the Commerical Banks 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 of the State.

Dated .....

Signature of the Contractor
Postal Address ----------
Telephone No. ----------
FAX ----------
E-MAIL ----------

Witness: ----------
Address: ----------
Occupation: ----------

स्वीकृति
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_____)

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

(a). _____

(b). _____

(c). _____

For & on behalf of the President of India

Signature_____

Dated _____

Designation _____

PROFORMA OF SCHEDULES

SCHEDULE 'A'
Schedule of quantities (As per PWD-3)

SCHEDULE 'D'
Extra schedule for specific requirements/document for the work, if any. **As per sheet attached.**

SCHEDULE 'E'

Reference to General Conditions of contract	:	**General conditions of contract for Maintenance Work -2023 with amendment issued upto date of submission of tender.**
Name of Work	:	**RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**
Estimated cost of work	:	**Rs. 5,01,599/-**
(i) Earnest Money	:	**Rs. 10,032/-**
(ii) Performance Guarantee	:	5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated:- 27/02/2026
(iii) Security Deposit	:	2.5% of tendered value of the work to be deducted from each R/A Bill.

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS		**Latest GCC provisions**
Officer inviting tender	:	**Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**
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(v) Engineer -in- Charge	:	**Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**
2(viii) Accepting Authority	:	**Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**
2(x) Percentage on cost of materials and Labour to cover all overheads and profits	:	**15%**
2(xi) Standard Schedule of Rates	:	**Based on Current Minimum wages & Market Rates DSR 25**
2(xii) Department	:	**Central Public Works Department.**
9(ii) Standard CPWD Contract Form GCC 2019, CPWD Form 7/ 8 as modified & corrected upto	:	**GCC-2023, CPWD Form 7 modified & Corrected up to date of submission of tender.**
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% per day of Performance Guarantee amount beyond the period provided in (i) above	:	**03 days**
Clause 2		

Authority for fixing compensation under **Clause- 2** : **Chief Engineer (NDZ III), CPWD, Sewa Bhawan, New Delhi**

Clause 2A

Applicable clause 2/ Clause 2A : **No**

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start. : **10 days**

Mile stone(s) as per table given below:-

S.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 (of agreement amount)
NIL			

Time allowed for execution of work : **02 months (Two Months)**

Authority to decide

(i) Extension of time : **Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**

(ii)Rescheduling of mile stones : **Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**

(iii) Shifting of date of start in case of delay in handing over of site **Assistant Engineer (E)-IV, DED-302, CPWD, BKS Marg New Delhi 110001.**

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

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

Clause 5 : Applicable clause 5/ Clause 5A : 5

Clause 6 : Mode of Measurement : **Electronic Measurement Book**

Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment : Rs. 02 Lac/If Budget is available

Clause 7A

Whether Clause 7A shall be applicable : **Yes**

Related to labour license, registration of contractor with EPFO, ESIC and BOWC welfare board i/c Provident Fund Applicable No Running Account Bill shall be Paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineerin-Charge. (Added vide DG/SE/CM/CON/285 dt. 04- 06-2015) Whether Clause 7A shall be applicable

Clause 10A

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

1 Earth Tester 2 Meggar 3 Clamp Meter

4..... 5 ..... 6.....

---------- **As per direction of Engineer-in-charge** ----------

Clause 10B (ii)

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

Clause 10C

Component of labour expressed as percent of value of work : **Not Applicable**

Clause 10 CC

Schedule of component of other Materials, Labour etc. for price escalation : **Not Applicable**

Component of civil (except materials covered under **clause 10CA)** /Electrical construction Materials expressed as percentage of total value of work. Xm .....% N/A

Component of ofLabour

Expressed as percentage of total value of work. : Y-----%

Clause 11

Specifications to be followed for execution of work : **C.P.W.D. General Specifications for EI works, HVAC, Lift, Sub-Station, DG Set, Wet riser system, Fire Fighting, Fire Alarm & Detection System as amended upto date & as per Terms & conditions attached.**

Clause 12

Type of Work **Maintenance work The completion cost shall in no case exceed 1.5 times the contract amount**

12.2 & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for electrical work : **No Limit**

~~**12.5 Deviation limit beyond which clauses 12.2 and 12.3 shall apply for foundation work.**~~ : ~~**100%**~~

Clause 16

Competent Authority for deciding reduced rates : **Chief Engineer (NDZ III), CPWD, Sewa Bhawan, New Delhi**

Clause 18

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

1 Ladder 2 Spaner Set 3 Screw Driver Set

4. Test Lamp 5 . Plier 6.....

---------- **As per direction of Engineer-in-charge** ----------

Clause 19 C: Competent Authority to decide penality for each default as per GCC 2023 provisions
Clause 19D: Competent Authority to decide penality for each default as per GCC 2023 provisions
Clause 19G: Competent Authority to decide penality for each default as per GCC 2023 provisions
Clause 19K: Competent Authority to decide penality for each default as per GCC 2023 provisions

Clause 25

Settlement of Dispute Conciliation and Arbitration	Conciliator	ADG (RD), CPWD, New Delhi
	Arbitrator Appointing authority	Chief Engineer, NDZ-III, CPWD, New Delhi
	Place of Arbitration	New Delhi

Clause 32

Requirement of Technical Representative(s) and recovery Rate: -

S. No	Minimum Qualification of Technical Representative	Minimum experience (years)	Discipline	Designation (Principal Technical /Technical Representative)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32 (i)	
						Figures	Words
-- As per latest provision of Clause - 32							

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

Diploma holder Engineer 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 holder Engineers should not exceed 50% of requirement of degree engineers.

Clause38

(i)	(a)Schedule/statementfordeterminingtheoreticalquantityofcement&bitumenonthebasisof Delhi Schedule of Rates 2018 printed by C.P.W.D.	N.A.
(ii)	Variations permissible on theoretical quantities:	N.A.
	Cement For works with estimated cost put to bid not more than Rs.25 lakh.	
	For works with estimated cost put to bid more than Rs.25 lakh	N.A.
b)	Bitumen for all works.	N.A.
c)	Steel Reinforcement and structural steel sections for each diameter, section and category.	N.A.
d)	All other materials.	N.A.

Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

GENERAL TERMS & CONDITIONS

1. The work shall be carried out as per CPWD general specifications for electrical works Part-I & II, Part III (Lift & escalator), Part-IV (Sub-Station), Part-V (Wet Riser / Fire Fighting system), Part VI (Fire Detection and Alarm system), Part VII (D.G. sets), Part-VIII (Gas Based Fire Extinguishing System) and HVAC system upto date as amended wherever applicable and entire satisfaction of Engineer-in-charge or his representative.
2. The contractor / Firm is advised to visit the site of work before quoting the rates, in order to ascertain the quantum and location of work.
3. The work shall be carried out as per direction of the Engineer In-charge or his authorized representative
4. Conformity with statutory acts, rules, standards and codes all electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 as amended upto date. They shall also conform to CPWD General specification for Electrical works, part-I (Internal, 2023 and part- II (External), 2023 and part IV (Sub station) 2013, part V (Wet Riser and Sprinkler system for fire fighting installation)- 2006 Part VI (Fire Alarm System) Part III (lift), DG Set Part VII as amended upto date.
5. Safety codes and labour Regulations:- (a) In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for safety provision as per the statutory provisions, B.I.S recommendations, factory act, workman's compensation act, CPWD code and instruction issued form time to time. Failure to provide such safety requirement would make the tenderer liable for penalty for Rs. 200/- for each violation. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor. (b) The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work or wherever necessary so as to arising accidents. He shall also indemnity 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 occuring due to any cause. The department shall not be responsible for any accidents occurred or damaged incurred or claims arising there from during the execution of work. 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.
6. The contractor shall take all precautions for safety of the workmen. If any accident/ mis-happening occur the department shall not be responsible for the same. If any compensation is to be paid to the victim, the firm shall pay the same and no claim in this account shall be entertained by the department.
7. If the work is of deposit work and carried out on obtaining sanction along with fund from the client department. The operation and maintenance of E&M services in this building is continuous nature. So tender has been called for 12 months accordingly. Meanwhile client department in case stop sanctioning or not providing funds or withdraw the works from CPWD, then agreement will be resigned on one month notice by the department to contractor for which no any nature of claim will be entertained.
8. If shall be entirely the responsibility of the contractor to ensure that no unlawful act is done by his persons while on duty. In case any theft/ loss of departmental property takes place due to the negligence or carelessness of his personnel, the contractor will be held responsible and shall made good the same. The afore said terms and conditions shall be read in conjunction with the general rules and directions from the guidance of Contract form PWD -8.
9. Department shall in no way be involved in any dispute of whatever kind, between the contractor and the staff engaged by him. Payment against the final bill however would be subject to clearance from labour authorities.
10. No T&P shall be issued to the contractor. The contactor shall make his own arrangement of tools for maintenance of Sub Station/ Electrical Installations equipments & following T&P shall always be available at the site of work by the contractor:-

a. Tong tester, Test lamp
b. Gloves – 4 Sets.
c. First Aid Box
d. Crimping Tool Kit
e. Meggar (5 KV HT and 500 volt LT)
f. Spanner Set.
g. Screw Driver set
h. Allen Keys set
i. Earth Tester
j. Blower
k. Hammer, Drill Machine & Spade
l. Every wireman/ operator should have pliers, screw driver of different size, tester & test lamp for day to day maintenance work.

Before start of contract these T&P materials must be kept in a lockable box, if same is not available at site recovery for the same @ Rs. 500/- per day shall be deduct from the contractor bill .

11. After deployment of the staff interview of all staff shall be taken by the committee of one Executive engineer and one Assistant engineer.
12. The minor material such as soap, duster, broom, old dhoti, cotton waste, PVC tape etc. shall be arrange by the contractor. Nothing shall be paid on this account.
13. Before the start of contract, the contactor is bound to submit the following details along with supporting papers of the workers proposed Sub Head wise to be engaged by him. After receipt of confirmation of their suitability from Engineer- In-charge or his authorized representative, they shall be deployed on duty.

a. Name & Postal Address with ID Proof
b. Photograph with specimen signature
c. Qualification and experience
d. Bank accounts details
e. ESIC/ EPF Details if applicable

Before start of work the agency has to got approved the detail of workers from Engineer-In-charge or his authorized representative & has to take over the site from J.E. in charge of site.

14. For the passes of Labour, Police Verification, photographs, Copy of Aadhar Card has to be submitted well in time and the passes will be issued for 3 months only and the contractor has to again apply for passes. Necessary documents has to be submitted by the contractor.
15. In case of any damage to any equipment due to negligence of the contractor‟s staff the same will have to be made good by the contractor at his cost. Failure to which suitable recovery will be made from the contractor bill as decided by the Engineer-In-charge.
16. The contractor shall prepare a Sub Head wise “Fortnightly / Monthly “duty chart with name and duty hours stated therein. The same shall be submitted to the JE (E) / AE (E) concern at least seven days in advance.
17. Shift timings can be changed as per the requirement at site and decision of the Engineer-in-charge.
18. The Engineers - in – charge reserves the right to ask the contractor to remove any default/untrained staff without assigning any reason.
19. The contractor shall maintain attendance register for the operational staff at site which shall be checked by JE(E) or AE(E).
20. The contactor shall maintain Sub Head wise “attendance register “ in support of the attendance of the staff and the same shall be got periodically checked from JE(E) /AE(E) concern. Failure to which suitable recovery will be made from the contractor bill as decided by the Engineer-In-Charge.
21. All the cleaning material i.e. soap, duster etc shall be arranged by the contractor at his own cost for cleaning of Electrical Installation & fans, switch gear, DB, Main control panel, Water supply pump, Fire Alarm System/ Wet Riser System/ D.G Set/ Sub Station equipment / Lifts etc. as per scope of work of this agreement / work order. If cleaning of installation is not found satisfactory at any time, a recovery of Rs.200/- per occasion noticed per Sub Head shall be made from the bill of contractor.
22. The contractor has to provide Vehicle / Cycle or other suitable means of travelling to worker for quick movement to various sites.
23. The contractor shall furnish name & contact number of the persons, who should be contacted during emergency.
24. In case of any damage to any equipment on account of negligence/fault of the contractor‟s staff the same will have to be made good at contractors risk and cost. Failure to comply with this clause shall attract recovery from contractor bill.
25. The contractor shall have to arrange for issue of identity cards as per direction of the Engineer-in-charge for all the staff deployed within one week of the start of the work at his own cost and also submit two extra photographs with full address of each worker for record. If he fails to do, the department shall recover Rs. 50/- per person/per day for this default from the monthly bill.
26. No staff shall leave his duty unless relived by his relievers, engineer in charge or the site reserves right to retain the staff on duty in the next shift if the relievers fail to turn up.
27. Contractor shall provide one No mobile phone for each services and same is displayed and inform to client department. Contactor shall not change the mobile no during the agreement stipulated period. If mobile is found switch off for more than 4 hours, recovery shall be made @ 100/- per day for mobile per service.
28. Payment shall be made every three months after carrying out satisfactory of work. However, it may be delayed due to any reasons like non availability of funds, L.O.C. and other unforeseen reasons, the contractor/ firms shall not claim any things extra in such in such contingencies but shall make regular and timely payment to his workers/ staff deployed for the work.
29. The rates quoted shall be inclusive of wages of Electrician/ E&M Operator / Wireman/ Khallasi etc. i/c relievers, cleaning material and all taxes and duties etc. as applicable. However ESI/ EPF will be reimbursed to the contractor, on production of proof of deposit of the same with respect to Govt. department.
30. All the complaint registers, log books, workers diary, test result registers or any other record for each sub head shall be supplied by the contractor, maintained by the staff of the contractor and handed over to the department on the

completion/ termination of the contract and non production of above mentioned document recovery shall be made @ Rs. 10000/- Per year sub head.

31. In case the department staff is posted or due to some other reasons, the department reserve the right to terminate the contract in full or part thereof.
32. The contactor is bound to distribute the salary / wages to his worker by 7th of each successive month, positively, by ECS or RTGS or online mode as feasible non compliance of this recovery shall be made @ Rs. 100/- per day per worker. However department will make payment to the agency quarterly subject to availability of fund and fulfillment of terms and condition of agreement. Copies of the proof of above mode of payment to the workers will be submitted to the concerned AE(E)/ JE(E) with the bill, failing which no payment will be made to the contractor.
33. The contractor shall deduct worker subscription toward Provident Fund, ESI, as per rules, he shall deposit the same along with his contribution into the respective accounts of the worker and submit the detail to this office for verification.
34. The firm shall abide minimum wages Act. As notified by the Govt. of NCT Delhi or Central Govt. whichever is higher and the payment to staff shall be made through online mode /ECS. The payment to the contractor will be released only after giving proof to the department for the same.
35. The contractor whose bid is accepted will also be required to furnish either copy of applicable license/ registration or proof of applying for obtaining labour license, registration with EPFO, ESIC & BOCW welfare board within period specified in schedule „F" or before starting of work.
36. No running account bill shall be paid for the work till the applicable labour license, registration with EPFO, ESIC & BOCW welfare board, whatever applicable are submitted by the contractor to the Engineer-In-charge & with each running A/c bill, documents of payment / deposit of ESIC & EPF to all works engaged for this work will be submitted to the department/ concerned AE/JE(E).
37. The registration with EPFO & labour license is mandatory if 20 or more labour is employed in any day in the preceding one year, registration with ESIC & BOCW welfare board is mandatory if 10 or more labour is employed in any day in the preceding one year.
38. ESIC & EPF shall be reimbursed on actual basis on production of documentary evidence.
39. In case of any dis-obedience by the staff of the contractor with the occupants/ authorities/ engineer in charge and his authorized representatives, the contractor shall be responsible fully for such consequences and such staff shall be removed from the site immediately.
40. The contractor has to take over the site from JE-In-charge. After completion of work contractor has to hand over the site to JE in charge of site.
41. Any other minor addition / alternation in the existing installation shall be covered in the scope of the work and operation & maintenance of the same shall be included in scope of this agreement. Nothing extra will be paid on this account.
42. The contractor shall be responsible for the safety of the Electrical installations so long as the entire work i/c testing, fixing of all fittings and fixtures are completed and handed over back.
43. As the installations /equipments are in running condition the installation shall be handed over on" as is where is basis" and nothing extra shall be paid toward pre- maintenance However, if any deficiencies are brought to notice of department while taking over of installations by the contractor, for rectification of which some parts are required. The same shall be arranged by the department and provided to the contractor free of cost but shall be replaced by he contractor for which nothing extra shall be paid.
44. After the expiry of the contract, the firm shall have to hand over complete installation to the department in proper working order. All defect and deficiencies shall have to be rectified by the firm to the entire satisfaction of Engineer- in-charge failing which the work shall be got done at the risk and cost of the firm.
45. If any additional / alteration in the installed inventory is found / made after award of work then contractor shall be bound to maintain in the same within the quoted rates under same scope of work and term and conditions.
46. Contractor shall be bound to execute the deviations in the schedule quantities to the extent of 30% at the approved rates. Deviations in excess to this would be subject to written consent of both the parties.
47. Contractor shall be bound to execute such additional items which can be termed as logical, essential and necessary (even though not listed in schedule of work) for the effective execution of the work in totality, rates for such items of work shall be rationally analysed/derived and would be binding on the contractor.
48. If the behavior of the worker is not found satisfactory, the contractor has to change staff within 3 days, failing which, the Engineer-in-Charge has the power to cancel the contract, and the contractor shall have no claim of compensation
49. The contractor shall discuss with EE(E) or his authorized representative/visit the site before placing the supply order/delivery of materials at site as per actual requirement as the actual Quantity of materials required may deviate (+/-) from the quantity taken in the schedule of work/inventory of the agreement.
50. The quoted rates should be inclusive of all taxes etc. i.e. GST and nothing extra will be paid.
51. The contractor shall take all precaution for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor cost.

52. Schedule for maintenance for internal EI, Sub-Station, HVAC, DG Set, Fire protection systems & Lifts shall be carried out as per latest CPWD maintenance manual (Book of schedule of maintenance).
53. The contractor has to maintain an inventory of electrical items or spares for day to day complaints at least 10% of required spares as shown in the schedule.
54. The contractor shall submit duty roster/duty chart as per satisfaction of Engineer-in-charge in duplicate with in 1 week from the date of start and their after two days before the close of every month.
55. The shift timing can be changed as per the requirement at site and as per direction of Engineer-in-charge.
56. If there is any conflict/dispute or difference is found in the terms and condition / provisions between the terms and condition of General Part „A" and terms and condition in Electrical part „C" then stringent provision shall be taken & considered as final.

Inventory as per physically available at site with JE & shall be handed over by the JE (E).

Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

LIST OF ACCEPTABLE MAKE

S/No.	DESCRIPTION	MAKES
1	MODULAR TYPE SWITCH, SOCKET, ELECTRONIC FAN REGULATOR (STEPPED TYPE), BELL PUSH (WITH INDICATOR), GI BOX, Mounting Plate for modular accessories (Note:- all the modular accessories with GI box should be of same make) (Base frame of modular cover plate should be metallic)	Legrand Myrius or equivalent model of / Schneider /Panasonic/ SIEMENS
2	STEEL CONDUIT (ISI MARKED)	NIC/BEC/VIKAS/AKG
3	WIRE / CABLE (ISI MARKED)	POLYCAB/ANCHOR/HAVELLS/FINOLEX/R R KABEL
4	PHENOLIC LAMINATED SHEET (ISI MARKED)	HYLEM/ FORMICA (ISI MARKED) WHITE
5	CEILING ROSE (3 PLATE) (ISI MARKED)	ANTEX/EMPORER/ANCHOR/SAINICO
6	LED FITTING	PHILIPS / LT / HAVELLS / WIPRO / REGENT
7	LED BULB	PHILIPS / LT / HAVELLS / WIPRO / REGENT
8	MCB, MCCB, MCB DB, ISOLATOR, RCCB, INDUSTRIAL TYPE SOCKET, LOOSE WIRE BOX	LEGRAND/HAGER/ABB/L&T/SIEMENS
9	GI PIPE	JINDAL (HISSAR)/TATA/SAIL/PRAKASH SURYA
10	Crimping Lugs/Thimbles/Brass Compression Gland /HT Termination Kit (Heavy duty)	Dowel / Jainson/Comet/Rachem / 3M
THE ITEMS WHICH ARE NOT MENTIONED IN ABOVE LIST SHALL BE USED AS PER THE DIRECTION OF ENGINEER-IN-CHARGE.		

Note:- MCB in the existing DBs if replaced shall be of the same make as that of existing DB Make and the items which are not covered in the above list shall be used of the same make as existing or the make as approved by the Engineer- in-charge.

Assistant Engineer (E)-4
DED-302, CPWD,
(Formerly known as ED-XVII),
BKS Marg New Delhi-01

SCHEDULE OF WORK

Name of Work:- **RMO work of EI & Fans, HVAC, Fire Alarm & fire fighting system and DG set at Sapru House, Barakhamba Road, New Delhi. (SH:- Replacement of defective electrical wiring & electrical installations at Sapru House, Barakhamba Road, New Delhi.).**

S.No	Description of Items	Qty		Rate	Unit	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.					
1.1	Group C	10.00	Pts.	2101.00	Point	21010.00
2	Supplying & Drawing of following size of FRLS PVC insulated copper conductor, single core cable in the existing surface / recess steel / PVC conduit i/c dismantling the existing complete etc as reqd.					
2.1	3 x 1.5 sq mm	180.00	Mtrs.	104.00	Metre	18720.00
2.2	3 x 4 sq mm	180.00	Mtrs.	222.00	Metre	39960.00
3	Supplying and fixing following size modular, GI box /PVC box alongwith modular base & cover plate for modular switches in recess i/c dismantling the existing complete etc as reqd.					
3.1	1 or 2 Module (75 mm x 75 mm)	5.00	Nos.	354.00	Each	1770.00
3.2	3 Module (100mmX75mm)	5.00	Nos.	384.00	Each	1920.00
3.3	6 Module (200 mm x 75 mm)	10.00	Nos.	462.00	Each	4620.00
3.4	8 Module (125mmX125mm)	5.00	Nos.	517.00	Each	2585.00
3.5	12 Module (200mmX150mm)	5.00	Nos.	614.00	Each	3070.00
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
4.1	5/6 amps switch	80.00	Nos.	121.00	Each	9680.00
4.2	3 pin 5/6 A socket outlet	10.00	Nos.	136.00	Each	1360.00
4.3	15/16 A switch	15.00	Nos.	176.00	Each	2640.00
4.4	6 pin 15/16 A socket outlet	15.00	Nos.	219.00	Each	3285.00
5	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate i/c dismantling the existing complete etc as reqd.	5.00	Nos.	402.00	Each	2010.00
6	Supplying and fixing 63 A rating, 240/415 V, 63 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	Triple pole and neutral	3.00	Nos.	1918.00	Each	5754.00
7	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	Single pole	30.00	Nos.	285.00	Each	8550.00

8	SITC of approx 600 mm 10-12 watt LED integrated batten with LED Tube made from Powder coated Extruded aluminium housing with in built driver , IP20, System lumen efficacy ≥ 110 lm/Watt output, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, CRI ≥80 , life time of minimum 50000 Burning Hours with , 70% of intial Lumen maintaned till life ends , CCT 3000-6500°K Maximum power consumption should not more than the specified rating i/c connection testingetc as reqd .(With minimum 05 Years warranty)	5.00	Nos.	269.00	Each	1345.00
9	Supplying, installation, Testing & Commissioning of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends ,CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in- Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder Coated CRCA Sheet Body (Thickness > 0.50 mm)					
9.1	36 Watt	45.00	Nos.	2846.00	Each	128070.00
10	Supplying, Installation, Testing & Commissioning of LED recessed/surface downlighter (Round/Square/Rectangular), SMD type, with body material as specified, equipped with PMMA and prismatic diffuser, and constructed as per IS:10322. The fixture shall include a high-efficiency driver (>85%) suitable for operating voltage AC 140–270V, frequency 50/60 Hz, and operating temperature range –5°C to 40°C, with internal surge protection of 2.5 kV, short-circuit and open-circuit protection, THD <10%, power factor ≥0.95, IP20 protection, CRI >80, UGR <19, flicker level below 5%, and a minimum system lifetime of 50,000 burning hours maintaining at least 70% of initial lumen output. The CCT shall be 3000K / 4000K / 5700K / 6500K (as per ANSI bin) with SDCM <3. Maximum power consumption shall not exceed the specified rating. The fixture shall comply with relevant BIS standards, and the manufacturer's word mark/name shall be engraved/embossed/screen-printed on the housing. The job includes all external connections using 1.5 sq.mm FRLS/HFFR PVC-insulated copper conductor single-core					

	cable, earthing, and all materials required, complete in all respects, with a minimum 5-year OEM warranty. System lumen efficacy shall be ≥105 and <120 lm/W. LM79 & LM80 reports and all BIS-required test certificates shall be submitted. Shape, size, and CCT shall be as approved by the Engineer-in-Charge. Thermal management shall include an aluminium heat sink ensuring LED junction temperature does not exceed 90°C. Powder-coated die-cast/extruded aluminium body including trim.					
10.1	12-15 Watt	30.00	Nos.	715.00	Each	21450.00
11	Supply, Installation, Testing and Commissioning of 1200 mm X 300 mm 36 watt LED surface/recess mounted type luminaire with extruded aluminium/ CRCA housing having not less than 3500 system Lumens output with system wattage not more than 40 watts, colour temperature not less than 6000K etc complete with all accessories including supplying and fixing Suspension/direct mounting arrangement using anchor fastener, chain link with connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable with integrated electronic driver complete and earthing i/c dismantaling the existing un-servicable fittings. etc as required.	45.00	Nos.	4804.00	Each	216180.00
12	Supplying, Installation, Testing & Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F.≥0.95, IP-66,IK-10, CRI >70, under voltage and over voltage protection, EMI-EMC as per CISPR -15, lenses for beam angle 30 deg-120deg as per the application and the project requirement., suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin) , SDCM(Standard Deviation Color Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output .LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in- Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).					
12.1	150 watt	5.00	Nos.	3166.00	Each	15830.00
13	Dismantling and credit buback of following items including disconnection, removal of other associated accessories, wherever required, with due care to avoid damage to reusable materials and nearby installations.					
13.1	Old 2' x 2' LED Panel Light	45.00	Nos.	-50.00	Each	-2250.00
13.2	Mirror Light	5.00	Nos.	-10.00	Each	-50.00
13.3	Old LED Downlighter	30.00	Nos.	-30.00	Each	-900.00

13.4	Old 1' x 4' LED Panel Light	45.00	Nos.	-50.00	Each	-2250.00
13.5	Old LED Flood Light	5.00	Nos.	-100.00	Each	-500.00
13.6	Various type of Switch & Socket	120.00	Nos.	-10.00	Each	-1200.00
13.7	GI Scrap	2.00	Kg.	-30.00	Per Kg.	-60.00
13.8	Copper Scrap	2.00	Kg.	-500.00	Per Kg.	-1000.00
					Total Rs.	**501599.00**
					Say Rs.	**501599.00**

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