

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

(Applicable for inviting open tenders)

The Assistant Engineer (E), Sub Division-IV, Delhi Electrical Division-101, CPWD, AHQ, Vayu Bhawan, New Delhi (Telephone : 011-23062538 & E-mail: delae5ed1.cpwd@nic.in) on behalf of the President of India invites percentage rate tenders through E-Tendering process from the eligible contractors enlisted in CPWD in the appropriate class in composite/ Building and Road Category as per amendment in enlistment rules for the following work:-

Name of Work: **MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)**

S. No.	NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & Time of Submission of e-Tender	Time & date of opening of bid
1	2	3	4	5	6	7	8
1.	118/AE(E)/SD-IV/DED-101/2026-27	MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)	Rs. 5,83,998/-	Rs. 11,680/-	01 Months	01.09.2026 Upto 15:00 Hrs.	01.09.2026 At 15:30 Hrs.

- 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.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The intending bidder must have valid class-III digital signature to submit the bid.
- The bid can only be submitted after deposition of original EMD, which 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. The Bid can only be submitted after

uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards cost of bid document and EMD in favour of respective Executive Engineer and processing Fee in favour of ITI Limited and other documents as specified.

Unless all intending tenderer/bidders who have uploaded/submitted their bids by the last date of tender have submitted their original hard copy of EMDs which is verified from the issuing bank, tenders cannot be accepted and to be treated as invalid tender.

The bidders already registered on the e-tendering portal will have option to continue by paying tender processing fee upto one year from the date of registration, or to switch over to (new) registration without tender processing fee any time. All new registrations from 01-04-2015 will be without tender processing fee.

5. The Bid document consisting of plans, specifications, the Schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen from website www.etender.cpwd@gov.in and www.eprocure.gov.in or www.cpwd.gov.in free of cost.
6. Those bidders not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Bidder can upload documents in the form of JPG format and PDF format.
9. Bidder must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink 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).

The enlistment of the bidders should be valid on the last date of submission of tenders, if applicable. In case the last date of submission of tender is extended, the enlistment of bidder should be valid on the original date of submission of tenders, if applicable.

Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt (drawn in favour of **Executive Engineer (E), DED-101, CPWD NEW DELHI** or Bank Guarantee of any Scheduled Bank shall be scanned and uploaded to the e-tendering website within the period of tender submission and original should be deposited in office of **Executive Engineer (E), DED-101, CPWD NEW DELHI**.

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, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee. Interested contractor who wish to participate in the tender has also to make following payments in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank and to be scanned and uploaded to the e-tendering website within the period of tender submission:

Copy of Enlistment Order, registration of GST and latest return of GST etc. as required shall be scanned and uploaded on the e-tendering website within the period of tender submission.

All the bid documents such as eligibility documents, Certificate of Registration for GST, and acknowledgement of up to date filed return etc. should be scanned and uploaded in complete form. All the incomplete bids shall be summarily rejected and no clarification shall be sought thereafter.

Online bid documents submitted by intending bidders shall be opened only of those bidders, who have deposited earnest money deposit and other documents scanned and uploaded are found in order.

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

1. Eligibility Documents as per NIT.
2. Treasury Challan / Demand Draft / Pay order or Banker's Cheque / Deposit at Call Receipt/ FDR/ Bank Guarantee of any Scheduled Bank against EMD.
3. 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)
4. ERP Training Certificate.
5. Enlistment Order of the Contractor.
6. Copy of Valid Electrical Licence OR Undertaking as per Annexure-D2.
7. Undertaking as per Annexure D1
8. Certificate of Registration for GST.
9. Copy of Latest GST return acknowledgement.
10. Copy of PAN card.
11. Firm's Contact details.

Note: If the firm does not submit above mentioned documents along with E-BID, the bidder shall not be considered.

Assistant Engineer (E),
SD-2, DED-101, CPWD,
Vayu Bhawan, New Delhi.

20A.14 Information and instruction for Executive Engineer for e-tendering:

1. The Executive Engineer of all divisions of CPWD should receive the original EMD for tender of other division.
2. The NIT approving authority/EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-

Receipt of deposition of original EMD	
(Receipt No./date)	
1. Name of Work :-	MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)
2. NIT No. :-	118/AE(E)/SD-IV/DED-101/2026-27
3. Estimated Cost :-	Rs. 5,83,998/-
4. Amount of Earnest Money Deposit :-	Rs. 11,680/-
5. Last date of submission of bid :-	01.09.2026 upto 15:00
(* To be filled by NIT approving authority/EE 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 (EE/AE(P)/AE/AAO)alongwith Office stamp (# To be filled by EMD receiving EE)	

3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P)/AE/AAO.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/ telephonically
5. The original EMD receiving Executive Engineer shall release the EMD after verification from the e- tendering portal website (www.etender.cpwd@gov.in) 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.

UNDERTAKING
(To be uploaded at the time of bid submission)
(To be uploaded on letterhead of bidder with sign & stamp)

To,

Assistant Engineer (E),
SD-2, DED-101, CPWD,
Vayu Bhawan, New Delhi.

Name of Work: **MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)**

NIT No.: **118/AE(E)/SD-IV/DED-101/2026-27**

I/We shall hereby undertake that:

1. I/We shall submit Labour License Or an undertaking as given in NIT at the time of submission of PG.
2. If, I/We fail to submit the above details and documents or the same are not found correct, Our PG/EMD shall be forfeited.

Date of submission:

Seal of bidder

Signature (s) of Bidder(s)

UNDERTAKING REGARDING ELECTRICAL LICENCE
(on letterhead of bidder with stamp)

To,

Assistant Engineer (E),
SD-2, DED-101, CPWD,
Vayu Bhawan, New Delhi.

Name of Work: **MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)**

NIT No.: **118/AE(E)/SD-IV/DED-101/2026-27**

That, I will either obtain valid electrical licence at the time of execution of electrical work or associate contractor having electrical contractor licence.

Date of submission:

Seal of bidder
Signature (s) of Bidder(s)

AFFIDAVIT BY CONTRACTOR

(To be submitted along with PG in case the contractor does submit the labor licence)

(To be executed on Non-Judicial Stamp Paper of ₹100/- and duly attested by Notary)

AFFIDAVIT

I, _____, S/o / D/o / W/o _____, aged ____ years, Proprietor / Partner / Authorized Signatory of _____ (Name of Contractor), having registered office at _____, do hereby solemnly affirm and declare as under:

1. That I am a contractor engaged by _____ (Establishment).
2. That I do not employ and have not employed 20 or more contract workers, either through one contractor or different contractors, on any day during the preceding 12 months.
3. That the provisions relating to obtaining Labour Licence under the Contract Labour (Regulation & Abolition) Act, 1970 are not applicable to me as on date.
4. That in case the number of contract workers reaches 20 or more at any time in future, I shall immediately comply with the statutory requirements and obtain the necessary Labour Licence.
5. That this affidavit is true and correct to the best of my knowledge and belief and nothing material has been concealed.

Place: _____

Date: _____

Deponent

(Signature of Contractor)

VERIFICATION

I, the above-named deponent, do hereby verify that the contents of this affidavit are true and correct to the best of my knowledge and belief.

Verified at _____ on _____

Signature of Deponent

CPWD-6 FOR e-TENDERING

1. **Percentage rate tenders are invited on behalf of President of India from invites Percentage rate tenders from the eligible contractors enlisted in CPWD in the appropriate class in composite/ Building and Road Category as per amendment in enlistment rules for the following work:-**

Name of Work:- MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)

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

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

- 1.1 **The work is estimated to cost Rs. 5,83,998/-** 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 tenders. He will also nominate Division which will deal with all matters relating to the invitation of tenders. For composite tender, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender. –N.A.–

- 1.2 Intending tender 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:- –N.A.–

Criteria of eligibility for submission of tender documents

- 1.2.1 Conditions for Non-CPWD contractors only, if tenders are also open to non-CPWD contractors.

For works estimated cost upto 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).

- (i) Three similar works each of value not less than Rs.....or two similar works each of value not less than Rs..... or one similar work of value not less than Rs..... (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.
- (ii) For EPC tender under Mode- I/II only (Applicable for CPWD enlisted contractors of appropriate class also).

One completed work costing not less than Rs executed with the structural system technology as proposed by bidder in the letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.1 (i) above or as a separate work.

Note :-

For works costing above Rs. 3 Crore but up to Rs. 15 Crore, (the figure of Rs.3 Crore and Rs. 15 Crore may be modified as per tendering limit of CPWD CPWD 6 for e-tendering modified up to 26.08.10 class II and CPWD Class I contractors respectively of respective discipline such as Electrical, Horticulture and Furniture etc. as the case may be) when tenders are open to non CPWD contractors also, then class II contractors of CPWD shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above. –N.A.–

1.2.2 Criteria of eligibility for CPWD as well as non-CPWD contractors. -N.A.-

For works estimated to cost above the tendering limit of class -I (Super) 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).

- (i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs.....or one similar work of value not less than Rs.....(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.
- (ii) For EPC tender under Mode- I/II only (Applicable for CPWD enlisted contractors of appropriate class also). One completed work costing not less than Rsexecuted with the structural system technology as proposed by bidder in letter of transmittal during the last 7 years ending last day of the month previous to the one in which tenders are invited. This work can be part of eligible work at 1.2.2 (i) above or as a separate work.

Or

If the bidder does not have adequate experience of opted technology then the bidder can associate with contractor having requisite experience of executing work in structural system with the opted technology. Bidder has to submit MoU in the prescribed format (Anexure-68 of SOP) with such associate contractor, along with his tender, for structural system in opted technology only. The associated contractor must satisfy the eligibility criteria of having successfully completed one work of opted technology having the cost of structural system not less than 20% of the estimated cost put to tender during the last seven years ending last day of month previous to the one in which tender is invited.

In case separate cost of structural system of a particular technology is not available in the experience certificate of associated contractor, it will be taken as 30% of completed cost of project/work.

Associated contractor should not have been debarred from any Ministry or any govt. organization in the last five years.

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 as 1.2.2 (Para 1.2.1(i) and Para 1.2.2(i) are not applicable for CPWD enlisted contractors of appropriate class. Para 1.2.1(ii) and Para 1.2.2(ii) are also applicable for CPWD enlisted contractors of appropriate class). –N.A.–

To become eligible for issue of tender, the tender 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) –N.A.–

- 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. –N.A.–

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.

2. Agreement shall be drawn with the successful tender on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Tender 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 **01 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 tender documents.
4. The site for the work is available. : YES

OR

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

.....

iii) 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 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 from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender 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 tender as notified.

8. When tenders 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 tender submitted earlier shall become invalid.
9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or fixed deposit receipt (drawn in favour of **Executive Engineer (E), DED-101, CPWD NEW DELHI**) shall be scanned and uploaded to the e-tendering website within the period of tender submission. **The bid can only be submitted after deposition of original EMD, which 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.**

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

The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (www.etender.cpwd@gov.in) that the particular contractor is not L-1 tenderer and work is awarded.

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 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 scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order, certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

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

The bid submitted shall be opened at **15:30 hrs on 01.09.2026.**

- 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.

10. The bid submitted shall become invalid if:
 - i) The bidder is found ineligible.
 - ii) The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD **(The EMD document shall only be issued from the place in which the office of receiving division office is situated).**

- iii) The bidder does not upload all the documents (*including GST registration*) as stipulated in the bid document *including the copy of receipt for deposition of original EMD instrument*.
 - iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
- 11.** The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. 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 subcontractors, 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 :-

Intending Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders 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 tender. A tender 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 tender 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 tender by a tender 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 tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tender shall be summarily rejected.
- 14.** Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tenders 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 tender and the tender shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to tender for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
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 tender or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of ten/fifteen/thirty/forty five/ sixty (10/15/30/45/60) days from the date of opening of bids in case of single bid system/~~Sixty (60) days from the date of opening of technical bids in case bids are invited on 2 or 3 bid/envelope system~~ (strike out as the case may be). If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modification in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.
Further the bidders shall not be allowed to participate in the rebidding process of the work. (Modified Vide OM No. - DG/CON/293 dated 01.07.2016).
19. This notice inviting Tender shall form a part of the contract document. The successful tender /contractor, on acceptance of his tender by the Accepting Authority shall within 07 days from the stipulated date of start of the work, sign the contract consisting of:-
 - a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender 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 mentioned

20. For Composite Tenders

- 20.1.1 The Executive Engineer in charge of the major component will call tenders for the composite work. The cost of tender document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite tender.
- 20.1.2 The tender 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 2010 or latest edition as applicable with all amendments/modifications.

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

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

- 20.1.3 The tender must associate with himself, agencies of the appropriate class eligible to tender for each of the minor component individually.
- 20.1.4 The eligible tender 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 tender by competent authority, the EE(E) 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(E) 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 tender 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. The Earnest Money will become part of the security deposit of the major components of work.
- 20.1.8 The main contractor has to associate agency(s) for minor component(s) conforming to eligibility criteria as defined in the tender document and has to submit detail of such agency(s) to Engineer-in-charge of minor component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of minor 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 minor 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 agreement with contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to EE/DDH in charge of each minor component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.
- 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.

20.1.12A The composite work shall be treated 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.

20.1.12B 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.

21. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tender shall not be allowed to participate in the retendering process of the work.

22. *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 to uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone no 011-23062538, e- mail Id delae5ed1.cpwd@nic.in) or ERF help line no. 18001803286 or e-mail id cpwd.support@techmahindra.com . The e-tendering bidders are also advised not to wait to raise any issues til! the last date of submission of bid in their own interest.*

ZONE: CE, NDZ-1

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A sum of **Rs. 11,680/-** is hereby forwarded in cash/receipt treasury challan /deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said 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. (Modified vide OM DG/CON/272 dt. 21.8.2013)

Further, I/We agree that in case of forfeiture of Earnest Money or both Earnest Money and performance guarantee as aforesaid, I/We shall be debarred for participation in the retendering 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.

Witness:

FAX

Address:

E-MAIL

Occupation:

Assistant Engineer (E)
SD-2, DED-101, CPWD,
Vayu Bhawan, New Delhi

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 (enclosed)

As per Schedule of work attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S.No.	Description of item	Qty.	Rates in figures & words at which the material will be charged to the contractor.	Place of issue
1	2	3	4	5
.....NIL				

SCHEDULE 'C'

Tools and plants to be hired to the contractor:

S. No.	Description	Hire charges per day	Place of issue
1	2	3	4
.....NIL			

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the : **NIL**
work, if any

SCHEDULE 'E'

Schedule of component of Cement, Steel, other Materials, : **-NA-**
Labour etc. for price escalation.

SCHEDULE 'F'

Reference to General Conditions of contract : Applicable GCC is **General Conditions of Contract (Construction Works) 2023** as modified & corrected upto previous day of the last date of submission of the tender

Name of work : **MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)**

(i) Estimated cost of work : **Rs. 5,83,998/-**

(ii) Performance Guarantee : As applicable vide DG, CPWD Office Memorandum No. DG/Manual-2024/20 dt. 27.02.2026

(iii) Security deposit : 2.5% of tendered Value.

SCHEDULE 'F':-

General Rules & Directions: -

Officer inviting tender: : *Assistant Engineer (E), SD-2, DED-101,
CPWD, Vayu Bhawan,, New Delhi.*

Definitions:

2 (v) Engineer-in-Charge : *Assistant Engineer (E), SD-2, DED-101,
CPWD, Vayu Bhawan,, New Delhi.*

2 (viii) Accepting Authority : *Assistant Engineer (E), SD-2, DED-101,
CPWD, Vayu Bhawan,, New Delhi.*

2 (x) Percentage on cost of materials and labour to cover all overheads and profits. : **15%**

2 (xi) Standard schedule of Rates : *Delhi Schedule of Rates (E&M)-2025
with up-to-date correction slips*

2 (xii) Department : Central Public Works Department

2 (xvi) **Extra items** : **Extra items** are those items which are not available in the contract.

a. **Non Schedule Extra Items** are those items which are not available in the Standard Schedule of Rates specified in Schedule F.

b. **Scheduled** Extra Items are those items which are available in the Standard Schedule of Rates specified in Schedule F

2 (xvii) Completion Cost : The completion cost includes gross amount of work done, amount of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc.

9 (ii) Standard CPWD contract form : General Conditions of Contract (Construction Works) 2023, CPWD Form 7 as modified & corrected upto previous day of the last date of submission of the tender

Clause 1

Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour license, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance. : 7 days

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

Clause 2

Authority for fixing compensation under clause – 2 : Chief Engineer (E), NDZ-1, CPWD, Vidyut Bhawan, New Delhi

Clause 2A

Whether Clause 2A shall be applicable : N/A

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start : **07 days/ actual date of start of work, whichever is earlier**

Note:- Levy of compensation under clause-2 will be granted by the **Chief Engineer(E), NDZ-1, CPWD, Vidyut Bhawan, New Delhi**

MILE STONE (S) AS PER TABLE GIVEN BELOW

Table of Milestone (s)

S.No.	Description of Milestone (Physical)	Time allowed in days(from date of start)	% Amount of tendered cost to be with-held in case of non achievement of milestone
.....NIL.....			

Time allowed for execution of work : **01 Months**

Authority to convey the decision of shifting of milestone and extension of time

(Engineer-in-charge or Engineer-in-Charge of Major component in case of Composite Contracts, as the case may be.)

Authority to decide rescheduling of milestone and extension of time.

Chief Engineer, NDZ1, CPWD or his successor.

Shifting of date of start in case of delay in handing over of site

Chief Engineer, NDZ1, CPWD or his successor

Proforma of Schedule 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	All	As and when required
Part B	Portions with encumbrances	NIL	N/A
Part C	Portions dependent on work of other agencies	NIL	N/A

Clause 5

Applicable Clause 5 or Clause 5A

Clause 5

Clause 6

Computerized Measurement Book (CMB)
/ Electronic Measurement Book (EMB)

Mode of Measurements

EMB

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.

:

N.A.

Clause 7 A:-

Whether Clause 7A shall be applicable.

:

N.A.

Clause 10A :-

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

:

As per requirement at site & as per direction of Engineer-in-Charge.

Clause 10 – B(ii) :-

Whether clause 10-B(ii) shall be applicable

:

No

Clause 10C - Component of labour expressed as percent of value of work

Clause 10 CA	Materials covered under this clause	Nearest material(other than cement, reinforcement bars and structural steel) for which All India Wholesale price index to be followed	Base price of all the materials covered under clause 10CA
Not Applicable			

Clause 10CC :-

Clause 10 CC to be applicable in contracts with stipulated Period of completion exceeding the :-
period shown in next column

N/A

Schedule of component of other Materials,
Labour, POL etc. for price escalation.

Component of civil (Except materials Xm covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work.	Not Applicable
Component of labour expressed as percent Y of total value of work.	
Component of POL expressed as percent of Z total value of work.	

Clause 11 :-

Specifications to be followed for execution of work

E&M works:

**CPWD General Specifications for Electrical work
Part I Internal – 2023, Part II External – 2023 and
relevant amended upto date or receipt of tender.**

**Building information model (BIM)
is applicable and BIM
professional to be deployed by
contractor.....**

NO**Clause 12 :-**

**12.2.& 12.3 :- Deviation Limit beyond which :-
Clauses 12.2 & 12.3 shall apply for building
work**

30%

**12.5 (i) Deviation limit beyond which clauses :-
12.2 & 12.3 shall apply for foundation work
(except items mentioned in earth work Sub Head
in DSR and related items)**

N/A

**(ii) Deviation Limit for items in earth work sub :-
head of DSR or related items.**

N/A**Clause 16 :-**

Competent Authority for deciding reduced rates. :-

**Chief Engineer (E), NDZ-1, CPWD,
Vidyut Bhawan, New Delhi**

Clause 18 :-

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

**1. As per site requirement and as per
direction of Engineer-in-Charge.**

Clause 19 :-

The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970 ; and the contract labour (Regulation & Abolition) Central Rules, 1971 before the Commencement of the work & continue to have a valid

license until the completion of the work provisions of the inter-state Migrant Workman (Regulation of Employment and Condition of Service) Act, 1979.

Clause 19L :-

The E.S.I. and E.P.F. Contribution on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of employer paid by the contractor shall be reimbursed by the Engineer-in-Charge to the contractor on actual basis. The applicable & eligible amount of E.P.F. and E.S.I. shall be reimbursed preferably within 07 days but not later than 30 days of submission of documentary proof of payment provided the same are in order.

Clause 25 : Constitution of Dispute Redressal Committee (DRC)

(1) for Total Claim more than Rs. 25 Lakh

Chairman	Chief Engineer (Other than CE of NDZ-I)
Member	SE (TLCQA)/ Director Works or his successor
Member	Shall be intimated later
Member	Shall be intimated later

(2) For Total Claim upto Rs. 25 Lakh

Chairman	SE (TLCQA)/ Director Works or his successor
Member	Two EE's (Other than EE(E), DED-101 or his successor)
Member	EE(E), DED-101 or his successor (Shall not have any part in decision making)

Clause 36(i) :-

“Requirement of Technical Representative (s) and Recovery Rates”

S. No.	Minimum Qualification of Technical Representative	Discipline	Desig.(Pr.Tech. /Tech. 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 (in Rs.)	Words
	----- A/A -----						

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 42 :-

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of N.A printed by CPWD with upto date correction slips.
- (ii) Variations permissible on theoretical quantities:

- a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs N/A
- for works with estimated cost put to tender more than Rs 5 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. Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor.	
		Excess beyond permissible variation	Less use beyond the Permissible variation
-----NIL-----			

केन्द्रीय लोक निर्माण विभाग
कार्यालय ज्ञापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi

Dated: 27.02.2026

Sub: Modification in Para 5.2 for CPWD Works Manual 2024.

Following modification is made in Para no. 5.2 for CPWD Works Manual 2024:

Existing Provision	Modified Provision
5.2 Performance Guarantee	5.2 Performance Guarantee
Sl. No. 1	No Change
2. PG shall be 5% of the contract amount or as prescribed from time to time to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of sixty days beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.	2. PG shall be 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher , or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.
Sl. No. 3	No Change
4. No provision	4. A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.
5. No provision	5. Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be

12/2/26 P. Jindal
(EE/Contract)

	0.8A – 0.7A). The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
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This is issues with the approval of DG CPWD.


 (चन्द्र पाल)
 अधीक्षण अभियंता (सी. एंड एम.)
 Chandar Pal, SE (C&M)

Issued from file No. CSQ/CM/16(1)/2026 e-file 9212995 (DFA/ 9365789)

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


 27/1/26

D.P. Jindal
EE (Contract)

SCHEDULE OF WORK

**Name of Work: AMC of UPS, CCTV & Various Electrical Equipments at AHQ, Vayu Bhawan, New Delhi.
(SH: Routine Maintenance of Chandeliers installed at various location in AHQ Vayu Bhawan.)**

Sl.No.	Description	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 medium class PVC 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. a) Group C	30	Pts.	1,704.00	Pt.	51,120.00
2	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
a)	25mm	50	Mtrs	168.00	Mtr.	8,400.00
3	Supplying and drawing following sizes of FRLS/ HFFR PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.					
a)	3 x 1.5 sq.mm	100	Mtrs.	104.00	Mtr	10,400.00
b)	3 x 4 sq.mm	120	Mtrs.	222.00	Mtr	26,640.00
4	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.					
a)	06 Module (200mm x 75mm)	5	Nos.	462.00	Each	2,310.00
b)	12 Module (200mmX150mm)	5	Nos.	614.00	Each	3,070.00
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
a)	5/6 A switch	10	Nos.	121.00	Each	1,210.00
b)	3 pin 5/6 A socket outlet	10	Nos.	136.00	Each	1,360.00
c)	15/16 A switch	10	Nos.	176.00	Each	1,760.00
d)	6 pin 15/16 A socket outlet	10	Nos.	219.00	Each	2,190.00

6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
a)	08 way , Double door	2	Nos.	2,773.00	Each	5,546.00
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.					
a)	Single pole	12	Nos.	285.00	Each	3,420.00
b)	Double pole	2	Nos.	696.00	Each	1,392.00
8	LED Batten light (System lumen efficacy >135 lm/Watt) Supplying, installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) 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, 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 Color 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 die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
a)	36 watt	20	Nos.	816.00	Each	16,320.00
9	LED Panel light 2x2 ft., (System lumen efficacy >135 lm/Watt) 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), DCM(Standard Deviation Colour Matching) <3, Maximum power onsumption 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 die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
a)	36 watt	15	Nos.	3,997.00	Each	59,955.00

10	LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy ≥ 105 < 120 lm/Watt). 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: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5°C to 50°C , 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).					
a)	150 watt	10	Nos.	3,166.00	Each	31,660.00
11	Supplying, installation testing and commissioning of 16" sweep wall fan with regulator having revolving arrangement to be mounted on wooden block including connections etc. as reqd.	10	Nos.	3,415.00	Each	34,150.00
12	Supply & Installation of heavy duty exhaust fan 900 RPM in the existing opening, including making good the					

	damage, connection, testing, commissioning etc. as required.					
a)	300 mm sweep with air delivery at least 1100 CMH	2	Nos.	2,397.00	Each	4,794.00
13	Supplying and fixing of LED bulkhead fitting 10w, 6500K having die cast aluminum base and encloser of IP 66 Protection complete with all accessories & driver including connection with 1.5 Sq.mm FRLS PVC insulated copper conductor cable, testing etc. complete as reqd.	10	Nos.	1,773.00	Each	17,730.00
14	Supplying & laying of following size PVC insulated and PVC sheathed Alumimum armoured cable of 1.1 KV grade in Trench/Pipe/Cable Tray/Surface etc. as required (ISI marked).					
a)	3 x 10 sqmm	60	Mtrs.	395.00	Mtr.	23,700.00
15	Providing & fixing of 'PVC' Cable Management System of following size including horizontal and vertical bends, reducers, tees, cross members and other accessories on the wall so as to make complete system as required.					
a)	32 x 20 mm	80	Mtrs	393.00	Mtr.	31,440.00
b)	100 x 50 mm	50	Mtrs	1,264.00	Mtr.	63,200.00
16	Rearranging the loose/hanging wires/ cables in the corridor/ outdoor/ indoor of building upto 20 mtr. or as required i/c removing the worn out cables if any from the existing trench loose/hanging cables and fixing the remaining cables through suitable size saddle with the help of min. 2 nos. of dash fashner in each saddle etc. complete as required	200	Mtrs.	403.00	P.mtr.	80,600.00
17	Designing, fabricating, testing, installing and fixing in position Arch Curtain Wall for wire, cable etc with Aluminium Composite Panel Cladding, with grooves for linear as well as circular portions of the building, for all heights and all levels upto 8.0 mtr. etc. including: Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in curve/linear shape in metallic colour of approved shade made out of 4mm thick aluminium composite panel material as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.The fastening brackets of	22	Sq.Mtr	5,015.50	P/Sq.Mtr	1,10,341.00

	Aluminium alloy with Hot Dip Galvanised with serrations and serrated washers, fasteners, SS 316 Pins and anchor bolts in SS 316 with approved colour caps, Joints shall be filled with silicon. Base frame work for ACP cladding is 25mm x 25mm Aluminium hollow square pipe and depth of cladding shall be upto 150 mm as per actual requirement at site					
18	Credit for above faulty, wornout dismantle material:-					
i.	Rusted/Faulty Panel Body	2	Nos.	(3,000.00)	Each	(6,000.00)
ii.	PVC conduit	10	Kgs.	(50.00)	Mtr.	(500.00)
iii.	Burnt Copper Cable	3	Kgs.	(300.00)	Kg.	(900.00)
iv.	GI box	10	Nos.	(5.00)	Each	(50.00)
v.	Switch / Socket	10	Nos.	(1.00)	Each	(10.00)
vi.	DB's	2	Nos.	(100.00)	Each	(200.00)
vii.	SP MCB's/DPMCB	10	Nos.	(5.00)	Each	(50.00)
viii	Light Fixture	15	Nos.	(20.00)	Each	(300.00)
ix	Wall Fan	2	Nos.	(200.00)	Each	(400.00)
x	Exhaust Fan	2	Nos.	(150.00)	Each	(300.00)
Grand Total Rs.						5,83,998.00
Say Rs.						5,83,998.00

Assistant Engineer (E),
SD-IV, DED-101, CPWD,
Vayu Bhawan, New Delhi.

Terms and Conditions

Name of work:- MOEI and Fans i/c replacement of fused lamps and tubes at common places at Vayu Bhawan, New Delhi. (SH: Provision of Misc EI work for fire pump room, Passages etc. at AHQ Vayu Bhawan.)

1. The work shall be carried out strictly in conformity with the CPWD General Specification of Electrical Works Part-I (Internal) 2023 and Part-II (External) 23 for electrical works in force and the Indian Electricity Rule – 1956, as amended upto date.
2. All the materials, used by the contractor should be got approved from the Engineer-in-Charge or his authorized representative before installation. No payment will be made for any unapproved or sub standard materials used on the work. Rejected materials should be removed from the site of work within 48 hours, by the contractor.
3. No T & P shall be issued by the department.
4. Any damage to the installation / building during execution of work shall be made good by the contractor at his own cost. Repair work if any, should be done with proper cement and sand ratio and to be match with existing finish.
5. The rates quoted shall be inclusive of all taxes i.e GST but exclusive of ESI & EPF as it would be reimbursed only (As applicable and eligible) after submitted proper documents of their deposits & to the satisfaction of Engineer-in-charge.
6. The work shall be carried out in security zone area, hence necessary passes shall have to be arranged by the contractor for the workers engaged by him.
7. Lowest Bidder shall submit Police verification of staff/labourers to be employed at site within Five days of the award of work, otherwise penalty of Rs. 500/- per day till submission of Police verification of labourers and start of work. Pending or under process police verification will not be accepted.
8. The electrical work shall be done strictly in close co-ordination with civil works. No claim for idle labour shall be entertained by the department.
9. The firm shall submit the type test report for cable & other materials along with all necessary documents like invoice etc. Earth wire to be connected with lugs & thimbles etc.
10. ***No item shall be installed having Country of Origin in China.***
11. All termination of electrical cables for sizes higher than 4 Sq. mm shall have to be done with proper thimbles / reducer. Copper thimble / reducer shall be used for copper cable and aluminum ones for Al. cables. Nothing extra shall be paid by the department however end termination of power cables shall be paid extra.
12. Earth wire in the switch board/DB should be covered with green sleeve for which no extra payment will be made.
13. Nothing extra shall be paid on account of dismantling the wire, conduit, fittings, fans, DB's & Panel etc. and the same will be deposited to the JE's Store.
14. All the debris etc. shall be removed from the site of work daily.

15. Electricity & water shall be supplied by the department free of cost.
16. Normally execution will take place after office hours. & site for the work will be provided accordingly.
17. The watch and ward of the materials installed will be the responsibility of the contractor till handing over to the department on completion of work.
18. Any accident at site during execution of work to be workman and to the third party shall be responsibility of the contractor and claim if any arises due to such accident shall be on the part of contractor and department shall not entertain any claim in this regard.
19. Work will be carried out in the occupied building hence labour wastage may be there and no claim in this regard from the contractor shall be entertained by the department.
20. The site will be provided as and when required.
21. The site in very secured important heritage building, so all related bye laws are to be followed.
22. In order to ensure genuineness of equipment/materials, copy of invoice of each equipment/materials, custom clearance paper in case of imported materials duly authenticated by bidder shall be invariably produce to engineer-in-charge.
23. In the wake of Covid-19, medical fitness certificate duly signed by medical officer of all the labour deployed at site has to be submitted, failing so penalty of Rs.500/- per day per labour shall be charged.
24. In the wake of Covid-19, all the labour/ staff deployed at site has to follow all the guidelines/ safety precautions issued by the Govt. time to time like mask, hand sanitizer, social distancing etc., failing so penalty of Rs.500/- per labour per incidence shall be levied.
25. The components of the installation shall be suitably designed so as to satisfactorily function under all conditions of operation.
 - The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.
 - All equipment and material to be used in work shall be manufactured in factories of good repute having excellent track record of quality manufacturing, performance and proper after sales service.
 - All equipment and material to be used in work shall be brand new having its date of manufacturing not more than 6 month old from the date of delivery at site with manufacturer's certificates, warrantee cards, technical catalogues, instructions, manuals and wiring diagrams etc.
26. The work shall be carried out at Vayu Bhawan which is security zone area, hence for issue of necessary passes and for token permission the contractor shall have to submit the following documents for the workers engaged by him and nothing extra will be paid on this account. Documents shall be submitted alongwith PG amount immediately so that entry passes/token permission can be obtained timely. Failing which penalty of Rs. 500/- per day till submission of police verification of labour. Shall be done from bill.
 - Passport Size Photo – 3 Nos.
 - Name & Postal Address with I.D. proof.
 - Valid Police Verification Receipt and Report
27. After getting the entry passes/token permission from the security officer the contractor should take over the site immediately.

28. Following are approved makes to be use in the work:-

S. No.	Description of Items	Approved Makes
1.	PVC insulated & PVC sheathed/ XLPE 1.1 KV grade Al./ Cu. conductor Armoured/ Unarmoured cable	Polycab/RR Kabel/ Grandlay/ Havells/ KEI As per approval of Engineer-in-charge
2.	PVC Conduit	Polycab/AKG/ Precision/ Finolex / BEC Make ISI Marked As per approval of Engineer-in-charge
3.	GI Box	Legrand/Crabtree/MK/Anchor Make As per approval of Engineer-in-charge
4.	Modular type switches, sockets, telephone/ computer jack, regulator, starter, sheets, boxes and other accessories etc.	Legrand (Myrius)/ Crabtree (Ethena)/ M.K (Element) or equivalent in Siemens As per approval of Engineer-in-charge
5.	FRLS wires	RR Kabel/ Finolex/ Havells/ Polycab/ KEI/Grandlay As per approval of Engineer-in-charge
6.	LED 2x2 Fitting/ LED Downlight/ LED Batten light	Havells /Philips /Wipro/LT/Reagent As per approval of Engineer-in-charge
7.	LED Flood Light	Havells /Philips/Wipro/LT/Reagent As per approval of Engineer-in-charge
8.	Wall Fan/Exhaust Fan	Usha / Crompton / Havells/GE/Bajaj. As per approval of Engineer-in-charge
9.	MCB/ Isolator/ MCB DB (Single/ Double door)/ DP Enclosure	ABB / Hager/ Legrand/ L&T/ Schneider As per approval of Engineer-in-charge
10.	TP/ FP MCCB	ABB/ Hager/ Legrand/ L&T/ Schneider As per approval of Engineer-in-charge
11.	ACP sheet	Indo bond/ Alomex/ Alu décor As per approval of Engineer-in-charge
12.	Any other material	As per approval of Engineer-in-charge

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