

e-NOTICE INVITING TENDER

No. : 106/AE-E-3/SB/DED-101/2026-27

Name of Work: MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)

1. Estimated cost : **Rs. 5,97,205.00**
2. Earnest Money : **Rs. 11,944.00**
3. Security Deposit : 2.5% of the Tendered Value
4. Performance Guarantee: As applicable vide DG, CPWD Office Memorandum No. DG/Manual-2024/20 dt. 27.02.2026
5. Time Allowed : 15 Days

Certified that this e-NIT contains 29 pages (marked as 1 to 29)

सहायक अभियंता(वै०)–३

दि०वै०सं०–१०१, के०लो०नि०वि०,

साऊथ ब्लॉक, नई दिल्ली।

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सहायक अभियंता(वै०)-३

दि०वै०मं०-१०१, के०लो०नि०वि०,

साऊथ ब्लॉक, नई दिल्ली।

**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)-3, DED-101, CPWD, South Block, New Delhi – 110011 on behalf of the President of India invites Percentage rate tenders **from approved and eligible contractors of CPWD Building & Roads category in appropriate class** for the following work:

S. No.	NIT No.	Name of Work & location	Estimated cost	Earnest Money	Period of Completion	Last date & Time of Submission of e-Tender	Date & Time of opening of Price Bid
1	2	3	4	5	6	7	8
1	106/AE-E-3/SB/DED-101/ 2026-27	MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)	Rs. 5,97,205.00	Rs. 11,944.00	15 Days	24.08.2026 upto 15:00 hrs	24.08.2026 at 15:30 hrs

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for contractors will form part of NIT and to be uploaded on ITI website.
3. The intending bidder must have valid class-III digital signature to submit the bid.
4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
5. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/AE), CPWD and other documents as specified.
6. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website.
7. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

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

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

1. Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque/ FDR/ Bank Guarantee of any commercial Bank against EMD.
2. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD document shall be issued from the place in which the office of receiving division office is situated)
3. CPWD Enlistment Order of the Contractor.
4. Copy of Valid Electrical Contractor License OR UNDERTAKING that they will either obtain valid electrical license at the time of execution of electrical work or associate contractor having valid electrical.
5. GST Registration Certificate if already obtained by the bidder with latest GST return.
 If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.
 "If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard.
6. ERP Training Certificate.
7. Firm's Contact details.
8. Eligibility documents as per NIT.

Proforma of Receipt of deposition of original EMD

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 in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)
2. NIT No.: 106/AE-E-3/SB/DED-101/2026-27
3. Estimated Cost: Rs. 5,97,205.00
4. Amount of Earnest Money Deposit: Rs. 11,944.00
5. Last date of submission of bid: 24.08.2026 upto 15:00 hrs
(* 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	

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.

CPWD-6 FOR E-TENDERING

Percentage rate bids are invited on behalf of President of India from invites from approved and eligible contractors of CPWD Building & Roads category in appropriate class for the following work:

Name of Work: MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)

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

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. 5,97,205.00** 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. **-N.A.-**

For composite tender, besides indicating the combined estimated cost put to tender, should clearly indicates the estimated cost of each component separately. The eligibility of renderer will correspond to the combined estimated cost of different components put to tender.

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 up to Rs. 15 Crore (the figure of Rs. 15 Crore may be modified as per tendering limit of CPWD class I contractors of respective discipline such as Electrical, Horticulture and Furniture etc. 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 Rs.10 lac) in last 7 years ending last day of the month previous to the one in which the tenders are invited.

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 Rs. 15 Crore.

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 Rs.10 lac) in last 7 years ending last day of the month previous to the one in which the tenders are invited.

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 tender.

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 tenders are invited from non CPWD contractors and CPWD class II contractors, 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 1.2.3. But for such tenders, 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. -N.A.-

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 **15 Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4. The site for the work is available.

OR

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

5 The tender 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 www.eprocure.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.

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

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 original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division office is situated). The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting AE 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.tenderwizard.com>tender free view>advance search>awarded tenders) 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 on 24.08.2026**.

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 EMD receipt**.
- 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 tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India 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 alongwith bid shall be returned after receiving the aforesaid performance guarantee. 2.5% of performance guarantee shall be retained as security deposit.

~~The contractor whose bid is accepted will also be required to furnish eight copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme chart (Time and Progress) within the period specified in schedule F.~~

12. 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 condition 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 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 gazette 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 tender for the works shall remain open for acceptance for a period of **Thirty (30) days** from the date of opening of tenders/**Thirty days** from the date of opening of financial bid in case tenders are invited on 2/3 bid system (**strike out as the case may be**) if any tender 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 tender 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 tender shall not be allowed to participate in the retendering process of the work.

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

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भारत सरकार
केन्द्रीय लोक निर्माण विभाग

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

राज्य STATE : DELHI

अंचल ZONE : CE(NDZ-I)

शाखा BRANCH : E&M

मंडल DIVISION : DED-101, CPWD

उप-मंडल SUB-DIVISION: 3, South Block

कार्यो के लिए प्रतिशत दर/मद दर निविदा एवं संविदा
Percentage Rate Tender & Contract for Works

(A) कार्य के लिए निविदा:

Tender for the work of:- MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)

(i) (क) दिनांक _____ को _____ पी.एम. बजे _____ के कार्यालय में प्रस्तुत की जानी है।

To be submitted Online by 15:00 hours on 24.08.2026
(Time) (Date)

Assistant Engineer (E)-3, Delhi Electrical Division-101, CPWD, South Block, New Delhi –110011

(ii) ख) उन निविदाकारों के समक्ष खोली जाएगी जो दिनांक को _____ पी.एम. बजे _____ के कार्यालय में उपस्थित रहेंगे।

To be opened, online, in presence of tenderers who may be present at 15:30 hours on 24.08.2026 in the office of **Assistant Engineer (E)– 3, Delhi Electrical Division-101, CPWD, South Block, New Delhi –110011**

सेवा में प्रेषित Issued to: _____ (टेकेदार) (contractor)

कागजात जारी करने वाले अधिकारी के हस्ताक्षर :

Signature of officer issuing the documents _____

पद Designation **Assistant Engineer (E)-3, Delhi Electrical Division-101, CPWD, South Block, New Delhi –110011.**

जारी करने की तारीख Date of Issue : 17.08.2026

निविदा TENDER

मैंने/हमने कार्य के लिए निविदा आमंत्रण सूचना, अनुसूची – क, ख, ग, घ, ङ, और च, लागू विनिर्देश, नक्शे एवं डिजाइन सामान्य नियम एवं निर्देश, ठेके के उपबंध, विशिष्ट शर्तें, दर अनुसूची एवं अन्य कागजात तथा ठेके की शर्तों में दिए गए नियम तथा निविदा कागजात में उल्लिखित अन्य बातों को पढ़ व जांच लिया है।

I/We have read and examined the e-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.

मैं / हम, एतद्वारा भारत के राष्ट्रपति के लिए अनुसूची 'च' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य यथा मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देशों, डिजाइनों नक्शों के अनुरूप तथा सामान्य नियमावली के नियम और ठेके की शर्तों के खंड-11 में उल्लिखित लिखित अनुदेशों एवं ऐसी सामग्रियों, जो प्रदान की जाती है और उसके संबंध में, ऐसी शर्तें जो लागू हों, के अनुरूप निष्पादन हेतु निविदा देता हूँ/देते हैं।

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 –I of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for by, and in respects in accordance with, such conditions so far as applicable.

हम निविदा को इसके प्रस्तुत किए जाने कि अन्तिम तारीख से **(30) दिनों** के लिए खुला रखने तथा इसकी शर्तों एवं निबंधनों में किसी प्रकार का परिवर्तन न करने के लिए सहमत हैं।

We agree to keep the tender open for **Thirty (30) days** from the due date so submission thereof and not to make any modifications in its terms and conditions.

एतद्वारा रु **11,944.00** के धनराशि, धरोहर राशि के रूप में ट्रेजरी चालान रसीद/अनुसूचित बैंक की मांग जमा रसीद /अनुसूचित बैंक की सावधी जमा रसीद/अनुसूचित बैंक के डिमांड ड्राफ्ट के रूप में जमा कराई जा चुकी है। यदि मैं/हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्रस्तुत करने में असफल रहते हैं तो मैं /हम यह मंजूर करते हैं कि भारत के उक्त राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिए पूर्णतया स्वतंत्र होंगे। इसके अलावा, मैं/हम विनिर्दिष्ट कार्य प्रारंभ करने में असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि उक्त भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना धरोहर राशि तथा निष्पादन गारंटी जब्त करने के लिए पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि, निविदा कागजात, के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'च' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खंडों 12.2, 12.3 व 12.5 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूत-निक्षेप के रूप में रोक ली जाएगी।

A sum of **11,944.00** has been deposited in cash / receipt treasury challan/deposit at call receipt of schedule bank/demand draft of a schedule bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. Further, if I/we fail to commence work specified I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviation as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2, 12.3 and 12.5 of the tender form.

मैं/हम एतद्द्वारा घोषणा करते हैं कि मैं/हम निविदा कागजातों नक्शों और कार्य से संबंधित अन्य अभिलेखों को गुप्त/गोपनीय कागजात के रूप में रखेंगे और उनसे प्राप्त/ली गई जानकारी किसी अन्य को जिन्हें मैं/हम सूचित करने के लिए प्राधिकृत से भिन्न किसी को नहीं बताएंगे या जानकारी को किसी रूप में प्रयोग नहीं करेंगे जो राज्य की सुरक्षा के लिए प्रतिकूल हो।

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

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money and performance guarantee mentioned in the form of invitation of tender and performance guarantee shall be absolutely forfeited to the President of India and the same may at the option of the competent authority on behalf of the President of India be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

तारीख Dated:- _____

ठेकेदार के हस्ताक्षर Signature of contractor
डाक पता Postal Address

साक्षी Witness:-

पता Address:-

उपजीविका Occupation:-

सहायक अभियंता(वै०)-3

दि०वै०मं०-101, के०लो०नि०वि०,
सारुथ ब्लॉक, नई दिल्ली।

स्वीकृति ACCEPTANCE

मैं भारत के राष्ट्रपति की ओर से तथा उसके लिए रु _____ (रुपए _____
 _____) की राशि के लिए उपर्युक्त निविदा (अधोलिखित पत्रों
 के अनुसार परिवर्तित) स्वीकार करता हूँ।

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

नीचे दिए गए पत्र इस ठेका करार का हिस्सा होंगे।

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

i)

ii)

iii)

भारत के राष्ट्रपति की ओर से तथा उनके लिए

For & on behalf of the President of India

हस्ताक्षर Signature _____

तारीख Dated _____

पदनाम Designation _____

अनुसूचियां SCHEDULES

अनुसूची 'क' SCHEDULE 'A'

मात्राओं की अनुसूची (संलग्न)
Schedule of quantities (Enclosed)

As per schedule attached

अनुसूची 'ख' SCHEDULE 'B'

ठेकेदार को निर्गत की जाने वाली सामग्रियों की अनुसूची
Schedule of materials to be issued to the contractor.

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

अनुसूची 'ग' SCHEDULE 'C'

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

क्रम स. S.No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of Issue
1	2	3	4
NIL			

अनुसूची 'घ' SCHEDULE 'D'

कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हो, की अतिरिक्त अनुसूची।
Extra schedule for specific requirements/document for the work, if any.

-Additional
Conditions
Attached-

अनुसूची 'ङ' SCHEDULE 'E'

मूल्य वृद्धि के लिए सीमेंट, इस्पात, अन्य सामग्री, श्रम आदि के घटको की अनुसूची।
Schedule of component of Cement, Steel, other Materials, Labour etc. for price escalation. – N.A.-

खण्ड 10 'ग' 'ग' CLAUSE 10 CC

-- N.A. --

अनुसूची 'च' SCHEDULE 'F'

ठेके की सामान्य शर्तों का संदर्भ
Reference to General Conditions of contract

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

कार्य का नाम / Name of work: **MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)**

कार्य की अनुमानित लागत Estimated cost of work:-

रु. **Rs. 5,97,205.00**

धरोहर राशि Earnest money:-

Rs. **11,944.00**

निष्पादन गारन्टी

Performance Guarantee:-

**As applicable vide DG, CPWD Office Memorandum
No. DG/Manual-2024/20 dt. 27.02.2026**

प्रतिभूति निक्षेप

Security Deposit:-

2.5% निविदा राशि का

2.5% of Tendered Value

सामान्य नियम एवं दिशानिर्देश:

General Rules & Directions:

निविदा आमंत्रण करने वाला प्राधिकारी

Officer inviting tender

**Assistant Engineer (E)-3, Delhi Electrical
Division-101, CPWD, South Block,
New Delhi –110011.**

कार्य की मदों की मात्रा के लिए
अधिकतम प्रतिशत जिससे अधिक निष्पादित
मदों के लिए दरो का निर्धारण खण्ड 12.2
12.3 के अनुसार होगा

निम्नानुसार

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) भारसाधक इंजीनियर
Engineer-in-charge

**Assistant Engineer (E)-3, Delhi Electrical
Division-101, CPWD, South Block,
New Delhi –110011**

2(viii) स्वीकार कर्ता प्राधिकारी
Accepting Authority

Competent Authority as per delegation of Power

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

15%

2(xi) दरों की मानक अनुसूची
Standard schedule of Rates

DSR(E&M) 2025 / Market Rate.

2(xii) विभाग
Department

Central Public Works Department.

2(xiii) मानक के.लो.नि.वि. ठेका फार्मतक संशोधित के.लो.नि.वि. फार्म **8** /
Standard CPWD contract Form CPWD Form **8** as modified & corrected upto date

खण्ड Clause 1

- i) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय, दिनों में
Time allowed for submission of performance guarantee from the date of issue of letter of acceptance,
in days **7 Days**
- ii) उपर्युक्त (i) में दी गई अवधि के पश्चात अधिकतम अनुमेय एक्सटेंशन, दिनों में
Maximum allowable extension beyond the period provided in (i) above in days **- 3 Days**
with late fee @ 0.1% per day of performance guarantee amount.

खण्ड Clause 2

खण्ड 2 के तहत प्रतिकर निश्चित
करने वाला प्राधिकारी

Authority for fixing
Compensation under clause 2

**Chief Engineer (NDZ-I), CPWD, Vidyut
Bhawan, New Delhi.**

खण्ड Clause 2A

क्या खण्ड क लागू होगा
Whether Clause 2A shall be Applicable

Not applicable

खण्ड Clause 5

कार्य आरम्भ की तारीख की गणना के लिए स्वीकृति
पत्र के जारी होने की तारीख से दिनों की संख्या
Number of days from the date of issue of
letter of acceptance for reckoning date of start

..... दिन

**10 days / actual date of start of work,
whichever is earlier.**

कार्य नीचे दी गई सारणी के अनुसार Mile stone(s) as per table given below:-

लक्ष्य (मील –पत्थर) सारणी/ Table of Mile Stone(s)

क्रम सं. Sl. No.	लक्ष्य का विवरण (वास्तविक) Description of Milestone (Physical)	अनुमत समय, दिनों में (कार्य आरम्भ की तारीख से) Time allowed in days (from date of start)	लक्ष्य प्राप्त न होने की स्थिति में रोकी जाने वाली राशि Amount to be with-held in case of non achievement of milestone
1			
2			
3		N.A.	
4			

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

15 Days

Clause 6, 6A:-
Clause applicable(6 or 6A) –

Electronic Measurement Book (EMB)
through CPWD ERP Portal.

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के
लिए अंतिम ऐसे भुगतान के बाद कुल
भुगतान एकत्रित सामग्रियों के अग्रिमों
के समायोजन सहित किया जाने वाला
कुल कार्य

Gross work to be done together with net
payment/ adjustment of advances for
material collected, if any, since the last
such payment for being eligible to interim
payment.

.....N.A.....

खण्ड Clause 7A - Labour licenses and registration of contractor with EPFO, } .. **N.A...**
ESIC and BOCW Welfare Board for the particular work. }

खण्ड Clause 10A.

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

.....N.A.....
.....

खण्ड Clause 10B (ii).

Whether clause 10B (ii) shall be applicable No

खण्ड Clause 10CA.

Materials Covered under this clause

**Nearest Material for which All India
Wholesale price Index is to be**

followed.

1.
2.
3.

.....
..... **N.A.**
.....

खण्ड Clause 10CC

खण्ड 10 गग उन संविदाओं पर लागू होगा जिससे
कार्य समापन की अवधि, अगले कालम में दर्शाई गई
अवधि से अधिक अनुबंधित है। महीने

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

---N.A.---

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश
Specifications to be followed for execution of work

के.लो.नि.वि. विनिर्देश खण्ड-1

से 6 आज तक के शुद्धीपत्रक सहित

As per CPWD latest Specification for electrical works, Part I (internal), Part II (external) & DG set (Part-VII), Part-IV (Sub- Stn.) as amended up to date.

खण्ड Clause 12

12.2 – 12.3 विचलन सीमा जिसके परे खंड 12.2 तथा 12.3
अनुसूचक कार्य के लिए लागू होंगे
Deviation limit beyond which clauses
12.2 & 12.3 shall apply for work.

.....
.....No Limit.....

12.5 वह विचलन सीमा जिसके परे खंड 12.2 तथा 12.3
नीव कार्य के लिए लागू होंगे
Deviation limit beyond which clauses
12.2 & 12.3 shall apply for foundation work.

.....NIL.....
.....

खण्ड Clause 16

घटी हुई दरे निर्धारित करने के लिए सक्षम प्राधिकारी
Competent Authority for deciding reduced rates

**Chief (NDZ-I), CPWD, Vidyut Bhawan,
New Delhi.**

खण्ड Clause 18

List of mandatory machines, tools and plants
to be deployed by the contractor at site.

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

खण्ड Clause 36 (i)

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/Technical Representative)	Minimum Experience	Numbers	Rate at Which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i).
1	Graduate Engineer or Diploma Engineer	Electrical/Mechanical	Principal Technical Representative	2 Years 5 Years	1 No.	Rs. 15,000 P.M. (Fifteen Thousand)

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

खण्ड Clause 42

- i) क) केलोनिवि द्वारा मुद्रित दिल्ली दर अनुसूची 2007 के आधार पर सीमेंट और विटुमन की अनुमानमूल मात्रा निर्धारित करने के लिए अनुसूची/विवरण
- i) a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates **2007** with upto date Correction Slips by C.P.W.D.
अनुमानमूलक मात्रा में अनुमत्य विचलन
Variations permissible on theoretical quantities.
- क) सीमेंट जिन कार्यों के लिए निविदा में अनुमानित मूल्य रु.5 लाख से अधिक न हो
a) Cement for works with estimated cost put to tender not more than Rs. 5 Lakhs
जिन कार्यों के लिए निविदामें अनुमानित मूल्य रु. 5 लाख से अधिक हो।
for works with estimated cost put to tender more than Rs. 5 Lakhs
- ख) विटुमन सभी कार्यों के लिए
b) Bitumen for all works
- ग) इस्पात प्रत्येक व्यास, कोट और श्रेणी के लिए पुनर्बलन और संरचनात्मक इस्पात काट
c) Steel Reinforcement and structural steel sections for each diameter, section and category
- घ) सभी अन्य सामग्रियां
d) All other materials

अनुमत्य विचलन से अधिक की मात्राओं के लिए वसूली दरें

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

क्रम सं. S.No.	मद विवरण Description of Item	अंको और शब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor
NIL		

सहायक अभियंता(वि०)-3

दि० वै० मं०-101, के० लो० नि० वि०,
साऊथ ब्लॉक, नई दिल्ली।

**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

1-2/2024 P. Jindal
EEEC Contract)

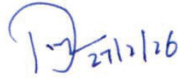
	0.8A – 0.7A). The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
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This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


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


 21/1/16

D.P. Jindal
EE (Contract)

Name of Work: MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)

Terms & Conditions:

1. The work shall be carried out as per CPWD specification for Electrical works (Part I & II) as amended up to date.
2. No T&P shall be issued by the department.
3. The work shall be carried out at South Block which is security zone area, hence for issue of necessary passes and for token permission the contractor shall have to submit following documents immediately after issue of work order, so that entry pass / Token permission can be obtained timely. After getting the Entry pass/ token permission from the security officer the contractor should take over the site immediately and nothing extra will be paid on this account. Loss of labour token is a punishable offence and necessary action will be taken as per security authority regulation.
 - a) Passport Photo – 3 Nos With Agency Letter Pad
 - b) Valid ID proof. (Aadhar/ driving license)
 - c) Police Clearance Certificate
4. 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.
5. The site is very secured important heritage building, so all related bye laws are to be followed.
6. The work shall be executed as per convenience of VVIP client for that labour wastage if any shall be borne by the contractor no extra claim shall be entertained by the department on this account.
7. Any damage done to the existing installation or loss of any labour, shall be full responsibility of the contractor department shall not bear any loss or any claim toward to same.
8. Nothing extra shall be paid on account of idle labour.
9. The work shall be completed within the stipulated time.
10. The contractor shall submit the proof of purchase from manufactures/authorized dealer for all material used at site.
11. The firm shall submit the type test report for cable & other materials alongwith all necessary documents like invoice etc.
12. Earth wire to be connected with lugs & thimbles etc.
13. Earth wire in the switch board/DB should be covered with green sleeve for which no extra payment will be made.
14. The contractor shall submit the test report as per CPWD specification along with completion plan of the work.
15. Following are preferred makes to be use in the work :-
 - a) Split Air Conditioner – Mitsubishi/O-General/Daikin/Blue Star/ Hitachi/ Carrier / Toshiba / Panasonic / Godrej / LG / Midea.
 - b) Copper Pipe :- Mettube/ Hindustan/ Rajco/ Totaline/ Jindal Refrigeration
 - c) PVC Cable Management System :- MK/AKG/Legrand/Honeywell.
 - d) Cables/Wire :- Finolex/Skytone/Havells/Polycab/RR Cable/Grandlay
 - e) Drain pipe :- Indo Green/ Fusion/ Aquaplast/ Heropolymer/ Prince/Supreme.
 - f) LED Lamps & LED Fixtures :- Philips/Crompton/Wipro/Havells/Klight/Twinkle / Lustre/Hi Lite.
 - g) Wall/Ceiling/Exhaust/Ventilation Fan:- Bajaj / Havells / Orient / Crompton / Usha.
16. The preferred makes of the various equipments/ components/ accessories have been indicated in “Preferred Makes” annexed with this document. The bidders shall work out the cost of the offers on this basis. Alternate make/ model is not acceptable.
 - a) The contractor shall guarantee the complete system to maintain the specified conditions under all conditions of ambient temperature.

- b) All equipments shall be guaranteed for a period of 12 months from the date of acceptance and taking over of the installation by the department against unsatisfactory performance and/or breakdown due to defective design, material, manufacture, workmanship or installation. The equipment or component or any part thereof so found defective during the guarantee period shall be repaired or replaced free of cost to the satisfaction of the Engineer-in-charge. In case it is felt by department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-charge in this regard shall be final.
17. The components of the installation shall be suitably designed so as to satisfactorily function under all conditions of operation.
- a) The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.
 - b) All equipments 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.
 - c) All equipments 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.
18. In order to ensure genuineness of equipments/materials, copy of invoice of each equipments/materials, custom clearance paper in case of imported materials duly authenticated by bidder shall be invariably produce to engineer-in-charge.
19. Electricity & water shall be removed from the site of work daily.
20. The site is very secured important heritage building, so all related bye laws are to be followed.
21. Normally execution will take place from 09:00 AM to 05 :00 PM or as per direction of security concern & Rooms for the work will be provided one by one.
22. In case the work progress is not satisfactory or the quality is not satisfactory, the department has right to short close the agreement without any compensation for the material brought at site.
23. The contractor may visit the site before quoting rates.
24. The contractor shall give the warranty of 05 years for above system from the date of installation, during the warranty period contractor is liable to replaced damage/defective parts and accessories of systems..
25. The contractors are advised not to submit any conditional tender. All conditional tenders shall be summarily rejected.

सहायक अभियंता(वै०)-३

दि० वै० मं०-१०१, के० लो० नि० वि०,
साऊथ ब्लॉक, नई दिल्ली।

SCHEDULE OF WORK

Name of Work:- MOEI and Fans in C.S. Bldg. at South Block, New Delhi (SH: Replacement of Split AC & light in COAS & VCOAS area and other minor works at South Block Building.)

S.No	Description of item	Qty.		Rate	Unit	Amount
1	Supplying , Installation, Testing and Commissioning of Air Cooled Hi Wall split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU), surface / concealed copper Refrigerant piping with insulation (closed cell elastomeric nitrile rubber tubular pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 3.5 Mtr (IDU to ODU) i/c drain pipe R-32/R-410/ R-407 Green Refrigerant, wireless Remote control, suitable for working between 180- 260V with low & high voltage cutoff and 50 hz ,1 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / rotary compressor. The system shall be able to deliver 100% of the rated capacity upto 42 0C. Min 5 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB). Must comply : Electrical cable IS 694 or IS 9968 temperature sensing control IS /International Electrotechnical Commission (IEC) 60730, hermetic compressor IS 10617, heat exchanger IS 11329, capacitor IS 2993 and motor IS 12615. Complete as per CPWD specification and IS : 1391 Part II 2023. The system shall be able to operate up to 50 0C (out door ambient temperature).					
1.1	Inverter Type - Hot and Cold 1.5 TR with 3 Star BEE Rating	2	Nos.	41768.00	Each	83536.00
2	Providing and fixing of extra copper refrigerant pipes of following sizes alongwith insulation from indoor unit to outdoor unit including cutting the chase in the wall, cutting the hole in the intermediary wall / surface to facilitate the passage of the copper piping and making good the same with cement work etc. as reqd.					
2.1	1/ 2 inch Copper tube with insulation	20	Mtr.	528.00	P.Mtr.	10560.00
2.2	1/ 4 inch Copper tube with insulation	20	Mtr.	311.00	P.Mtr.	6220.00
3	Supplying and laying of following sizes PVC insulated & PVC sheathed Cu. Conductor flexible cable in the existing Duct / surface / PVC pipe etc as reqd.					
3.1	2 x 1.5 sq.mm	200	Mtr.	131.00	P.Mtr.	26200.00
3.2	3 x 1.5 sq.mm	200	Mtr.	178.00	P.Mtr.	35600.00
3.3	3 x 4 sq. mm	20	Mtr.	395.00	P.Mtr.	7900.00
3.4	4 x 4 sq.mm	20	Mtr.	509.00	P.Mtr.	10180.00
4	Providing & Fixing of hard drawn threaded wired PVC drain pipe above of 25 mm dia for drain out condensation water etc. as required.	20	Mtr.	167.00	Mtr.	3340.00
5	Supplying & Fixing of ``PVC`` cable management System of following sizes i/c horizontal and vertical bends, reducers, tees, cross members and other accessories on the wall so as to make complete system as reqd.					
5.1	100 x 50 mm (NS)	20	Mtrs	1163.00	p.mtr.	23260.00
6	Providing and fixing of powder coated MS stand suitable for above split type air conditioner for keeping the outdoor units on wall/ floor with the help of dash fasteners, nut & bolts etc. complete as reqd.	2	Nos.	1068.00	Each	2136.00
7	Supplying, installation, testing and commisioning of LED picture light 300mm width 12watt inbuilt LED strip aluminium housing, CRCA back plate, brass finish 3000k etc. complete as required.	12	No.	2761.00	Each	33132.00
8	Supplying and fixing of LED strip length 5 mtr. with 240nos. LED CDL with Driver colour temperature 3000K Min., 12 watt per meter suitable for 240V etc. as reqd. with minimum 2 years warranty.	15	Nos.	2955.00	Mtr.	44325.00

S.No	Description of item	Qty.		Rate	Unit	Amount
9	S.I.T.C. of spot / spike light 10 watt LED round shape warm white (3000K to 4000K) minimum lumen output 475 lumens suitable for 230 watt AC supply etc as required.	20	Nos.	2805.00	Each	56100.00
10	SITC of 16" sweep wall fan with regulator having revolving arrangement to be mounted on wooden block i/c connections etc. as reqd.	12	Nos	3352.00	Each	40224.00
11	Brush Less Direct Current (BLDC) Fan without RemoteSupply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal(Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope,copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 0C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply, Ceiling Fan compliant to IS 374:2019 fan i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required.					
a)	1200mm, service value ≥ 6.0 CM/Min/Watt, air delivery 210 CM/Min (Minimum)	5	No.	2695.00	Each	13475.00
12	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, freq 50/60 hz, Operating temp range -5 deg to 40 deg centigrade, 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 circuitary), 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 and trade mark certificate (T.C.). 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 ≥ 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).					
	Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
12.1	18- 22 Watt	20	Nos.	681.00	Each	13620.00
12.2	36 watt	60	Nos.	678.00	Each	40680.00

S.No	Description of item	Qty.	Rate	Unit	Amount	
1 3	LED Down lighter (SMD Type) (System lumen efficacy ≥ 105 <120lm/Watt) Supplying, installation, Testing & Commissioning of LED surface Down lighter Round SMD type of following body material with PMMA and prismatic diffuser 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 deg to 40 deg centigrade, 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 circuitary), 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 confirming to relevant BIS standards and trade mark certificate (T.C.). 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 ≥105 and <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) Powder coated die cast /Extruded aluminium Body including trim					
13.1	5 - 7 watt	20	Nos.	542.00	Each	10840.00
14	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: Input voltage: 140-270 Volt AC, freq 50/60 hz, Operating temp range -5 deg to 50 deg centigrade, 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 requirementdeg., suitable tilt able fitting, life time (LED,Driver & electrical circuitary) 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).					
14.1	50 watt	10	Nos.	1436.00	Each	14360.00
14.2	100 watt	5	Nos.	2266.00	Each	11330.00

S.No	Description of item	Qty.		Rate	Unit	Amount
15	SITC of following Highbay type light fitting powder coated pressure die cast housing well glass luminaires with energy saving long life corrosion resistant vertical surface mounting fitting life time (LED, Driver & electrical circuitary) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT as 3000°K / 4000°K / 5700°K / 6500°K, IP-66, Input voltage: 140-270 Volt AC, freq 50/60 hz, Operating temp range -5 deg to 50 deg centigrade, Driver efficiency >85%, THD < 10%, P. F. ≥ 0.95, CRI > 70 complete as required					
15.1	70 watt	5	Nos.	7823.00	Each	39115.00
16	Supplying & laying following sizes one number PVC insulated and PVC sheathed/XLPE Aluminium Conductor armoured power cable of 1.1 KV grade in pipe / trench / surface etc complete as required.					
16.1	On Surface					
16.1.1	3 x 10 sq.mm	200	Mtrs.	397.00	P.mtr.	79400.00
17	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.					
17.1	3 X 10 sq. mm (22mm)	6	Nos.	312.00	Each	1872.00
18	Less credit for following dismantle items					
18.1	1.5/2.0 TR AC Unit	1	Nos.	-5000.00	Each	-5000.00
18.2	Assorted Light fittings	22	Nos.	-100.00	Each	-2200.00
18.3	Assorted wires	1	Lot	-3000.00	Lot	-3000.00
					TOTAL	597205.00

Terms & Conditions Attached:

सहायक अभियंता(वि०)-3

दि० वै० मं०-101, के० लो० नि० वि०,

साऊथ ब्लॉक, नई दिल्ली।