NIT NO. 39/EE(E)/DED-51/NIT/2026-27/RECALL

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

TENDER DOCUMENT

FOR

Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi

Issued by

EXECUTIVE ENGINEER (E)
DELHI ELECTRICAL DIVISION-51
CENTRAL PUBLIC WORKS DEPARTMENT
R.K. PURAM, NEW DELHI.

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

TENDER DOCUMENT

Name of Work: **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**

Estimated Cost	:	Rs 31,40,647/-
Earnest Money	:	Rs. 62,813/-
Performance Guarantee	:	@ 5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated: -27/02/2026
Security Deposit	:	@ 2.5% of Tendered value
Completion Period	:	7 Months (Seven Months).
T.S. No.	:	
NIT No.	:	09/EE(E)/DED-51/NIT/2026-27
Last date for Submission of Bid Document	:	Upto 15:00 pm on 27/11/2026

This NIT containing page 01 to 35 approved for Rs. 31,40,647/- (Rs. Thirty-One Lakhs Fourty Thousand & Six Hundred Forty Seven only)

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil **AE(P)(E)**

Name of Work: **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**

I N D E X
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Sl. No.	Details	Page No.
1.	Cover Page	1
2.	Index	2
3.	Information and Instruction for Contractors for e-tendering Forming Part of NIT	3-4
4.	List of Documents to be scanned and uploaded within the period of bid submission and Form – A to D	5
5.	Memorandum of Understanding	6
6.	Form A – Proforma for Earnest Money Deposit “FORM –A"	7
7.	Form – B - Details of Agency	8
8.	Form C – Undertaking for site inspection	9
9.	Form D – Sample Consent letter of Contractor for e-MB	10
10.	Form E – Undertaking.	11
11.	Form – 6	12 – 16
12.	CPWD – 7	17 – 24
13.	Bank Guarantee	25 – 27
14.	Operation and Comprehensive Maintenance of VRV/VRF System and General Terms and Conditions	28 – 32
15.	Schedule of work (Price Bid)	33 – 35

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

The Executive Engineer (E), DED-51, CPWD, East Block-3, Level-7, R.K. Puram, New Delhi. Ph No. 011-20863331, (E-mail: - deleedced7.cpwd@nic.in), on behalf of the President of India re-invites online percentage rate e-tender in single bid system from the **Manufacturer or Authorized service agency of DAIKIN make VRV/VRF SYSTEM** for the following work: -

S. No.	NIT No.	Name of work & Location	Estimated cost put to bid	Earnest Money	Stipulated Period of Completion of work (in months	Last date of online submission of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document	Time and Date of opening of Price Bid
1	2	3	4	5	6	7	8
1	**39/EE(E)/DED-51/NIT/2026-27/RECALL**	**Comprehensive Maintenance of Daikin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi**	**Rs. 31,40,647/-**	**Rs. 62,813/-**	**7 Months**	**27/11/2026 Upto 15:00 hrs**	**27/11/2026 at 15:30 hrs**

Note: The contractor shall quote his percentage rates including GST and any other applicable taxes, levy or cess etc. And nothing extra shall be reimbursed on this account. This provision will supersede all the provisions in GCC and elsewhere in the tender document in regard to Levy/ Taxes payable by contractor.

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.etender.cpwd.gov.in free of cost. The Press notice can also be seen on www.etender.cpwd.gov.in free of cost.
4. But the bid can only be submitted after depositing ~~Processing Fee in favour of M/s ITI Limited~~ and uploading mandatory scanned documents such as demand draft or pay order of banker's cheque or deposit at call receipt or fixed deposit, deposit receipts and bank guarantee of any scheduled bank towards EMD in favor of Executive Engineer, Delhi Aviation Division, CPWD, New Delhi on 16/11/2026 upto 15:00 PM as specified.
5. **The contractors 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.

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 to submit the bid.

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 pink color 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). In such a case, firm will have to execute those items free of cost.

11. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many tenders are received satisfying the laid down criterion.

12. ~~**The intending bidders, will send their queries / doubt for clarification by e-mail to The Executive Engineer (E), Delhi Electrical Division-51, CPWD, R.K. Puram, New Delhi - latest by 11/05/2026 .**~~

E mail ID – deleedced7.cpwd@nic.in

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil AE(P)(E)

List of Documents to be submitted/Uploaded within the period of tender submission: -

1. Documentary evidence regarding Manufacturer or authorized service provider of **DAIKIN Make VRV/VRF SYSTEM**.

2. Earnest Money in the form of Account Payee Demand Draft or Banker's Cheque or Fixed Deposit Receipt, Insurance surety bond, bankers guarantee (for balance amount as prescribed) from a commercial bank (drawn in favour of Executive Engineer/DAD, CPWD, New Delhi) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time. EMD receipt FORM "A" enclosed at page **-7**.

3. GST registration certificate of the state in which the work is to be taken up,if already obtained by the bidder. If the bidder has not obtained GST registration in the state in which the work is to be taken up, or as required by the GST authorities, then in such a case the bidder shall scan and upload following , undertaking along with other bid document "If the work is awarded to me, I/We shall obtain GST registration certificate of the state in which work is to be taken up, 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 to me/us on account of the work executed and / or for any action taken by CPWD or GST Department in this regard
4. Associate the agency shall be opened on uploading of valid electrical license from competent authority in the name of the contractor.
5. Detail of Agency **– Form –B** at Page-8
6. **Form – C–** Undertaking for site inspection. Page – 9.
7. **Form – D–** Sample Consent Letter of Contractor for E-MB. Page – 10.
8. **Form – E–** I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis or subletting basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee at Page-11
9. Any other Documents as specified in the information and instructions for contractors for. e-tendering form.

Assistant Engineer (E)P
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

Executive Engineer (E)
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

Proforma – I

Memorandum of Understanding

This Memorandum of Understanding (MOU) is made on the ……at…….……..

Between

…..…….(main contractor) having its registered office at…….. which expression shall unless repugnant to the subject or context include its administrators, successors and assigns.

And

……(Associate Electrical contractor) having its registered office at …….. represented by ……. Which expression shall unless repugnant to the subject or context include its administrators, successors and assign.

Whereas, Central Public Works Department, have issued tender papers to quote for the following work to M/s …… (main contractor)

Name of Work: ……

Whereas, This Memorandum of Understanding has been entered into to execute Electrical works for the above work by M/s……(Electrical Contractor) (Associate electrical contractor).

Whereas, both the parties have gone through and understood the various conditions & clauses of the tender and willingly agree to abide by them.

This MOU shall be valid till the duration of completion of above work and shall be extended if so required by the CPWD.

In witness whereof we have put our hand and seal on dated ……

For …….(Main Contractor) For…….(Associate Elect. contractor)

Witness:-

1.

2.

FORM - A

Receipt of deposition of original EMD **Receipt No.--------** **Date---------** **-**
Name of work:- Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.
1. NIT No. 39/EE(E)/DED-51/NIT/2026-27/RECALL
2. Estimated Cost :- Rs. 31,40,647/-
3. Amount of earnest money Deposit :- Rs. 62,813/-
4. Last date of submission of bid : 27/11/2026 Upto 15:00 hrs.
1. Name of Contractor
2. Form of EMD
3. Amount of EMD
4. Date of submission of EMD
Signature
Name & Designation of EMD receiving officer
Office stamp

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil **AE(P)(E)**

			FORM – B
DETAIL OF AGENCY			
1.	**Name of the agency**	**:**	
2.	**Correspondence Address**	**:**	
3.	**Name of the authorized person for contact**	**:**	
4.	**Official contact number on which contractor is available for the department**	**:**	
5.	**Official e-mail for correspondence**	**:**	

Form – 'C'

FORMAT FOR UNDERTAKING FOR SITE INSPECTION

To

The Executive Engineer
Delhi Electrical Division-51, CPWD,
R.K. Puram, New Delhi.

I/we hereby give an undertaking for the given work as follows:

NIT No. : - 39/EE(E)/DED-51/NIT/2026-27/RECALL

Name of work: **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**

I/we have inspected and examined the site and its surroundings and is / are satisfied before submitting our bid 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, I/we may require and in general shall myself / ourselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid. I/we shall be deemed to have full knowledge of the site whether I/we inspect it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. I/we shall be responsible for arranging and maintaining at our own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.

Submission of a bid by me/us implie(s) that I/we have read this notice and all other contract documents and has made myself / ourself 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 us by the Government and local conditions and other factors having a bearing on the execution of the work.

Place :
Date :

Yours faithfully

(Signatures of Bidder(s))

FORM - D

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

To

The Executive Engineer (E)
Delhi Electrical Division-51
CPWD, East Block-III,
Level-VII, R.K. Puram,
New Delhi.

Name of work: **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**

NIT No.: **39/EE(E)/DED-51/NIT/2026-27/RECALL**

Sir,

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

Yours faithfully,

Dated……
Place……

(Signature of Contractor/authorized representative)
Name & Seal)

FORM – E

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

(Scanned copy to be uploaded at the time of submission of bid)

Signature of bidder(s) with stamp

RECALL

PWD-6 FOR e-Tendering

1.1 Percentage rate e-tender in single bid system from the **Manufacturer or Authorized service agency of Daikin make VRV/VRF System** for the following work **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**

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

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

The work is estimated to Rs. 31,40,647/- however it is given merely as a rough guide.

~~1.1.1 The authority competent to approve bid for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.~~

~~For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.~~

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

~~Criteria of eligibility for submission of bid documents~~

1.2.1 **Conditions for Non-CPWD contractors only, if bids are also open to non- CPWD contractors** (Refer provision at S. No. 1 of **INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE)**

~~**1.2.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:**~~

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

~~1.2.3 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.~~

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7

which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **7 Months** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. The site for the work is available.

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

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

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

8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank guarantee (for balance amount as prescribed) from any of the Commerical Banks (drawn in favour of **Executive Engineer, DAD, CPWD, R.K. Puram, New Delhi-110066**) shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited either in any Office of CPWD (upto division office) within the period of bid submission. The EMD receiving Executive Engineer/Assistant Engineer/AAO shall issue a Receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the

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

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any 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.

9 A The bid submitted shall be opened at 15:30 Hrs on 27/11/2026.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the **lowest bidder** in the office of tender opening authority.

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

11. The bidder whose bid is finally accepted will be required to furnish performance guarantee (PG) shall be 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher (O.M. No. DG/Manual-2024/20 Vidyut Bhawan, New Delhi Dated: 27.02.2026) as mentioned in schedule F and within the period specified in schedule F. A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.

Requirement of Additional Performance Guarantee (APG) in case of abnormally low bids as defined above, the bidder Shall be required 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 ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be 0.8A - 0.7A). 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.

This Performance Guarantee (PG)/ and Additional Performance Guarantee (APG) shall be in the form of insurance surety bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's cheque or Bank Guarantee (for balance amount as prescribed) from any of the commercial bank in accordance with the prescribed form.

In case, the Bidder fails to deposit the said Performance Guarantee (PG)/ and Additional Performance Guarantee (APG) within the period as indicated in Schedule- 'F' including the extended period if any, the bidder agrees that the President of India or his successors, in office

shall without prejudice to any other right or remedy, be at liberty to suspend the bidder for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order.

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 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 **Thirty (30) days from the date of opening of bid. I**f any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the rebidding 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 15 days from the stipulated date of start of the work, sign the contract consisting of:-

a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the 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 or other Standard C.P.W.D. Form as mentioned

Assistant Engineer (E)P
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

Executive Engineer (E)
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

CPWD-7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Percentage Rate Tender & Contract for Works

Tender for the work Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.

(i) To be submitted by-- 15:00 hrs (time) hours on 27/11/2026 (date) to Executive Engineer (E), DED-51, CPWD, R.K. Puram, New Delhi.

(ii) To be opened in presence of tender who may be present at 15:30 hrs on 27/11/2026 in the office of Executive Engineer (E), DED-51, CPWD, R.K. Puram, New Delhi.

Issued To NIT…….

Signature of officer issuing the documents ……
Designation

Executive Engineer (E),
DED-51, CPWD,
R.K. Puram, New Delhi

Date of Issue ……

TENDER

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

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

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

A sum of Rs. 62,813/- is hereby forwarded in Insurance surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker"s Cheque or Bank guarantee (for balance amount as prescribed) issued by any of the Commerical Banks as earnest money.
A copy of earnest money in Insurance surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank guarantee (for balance amount as prescribed) issued by any of the

Commercial Banks is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said 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 & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:……

Signature of Contractor
Postal Address……..
Telephone No……

Witness:……..
Address:……
Occupation:……

FAX……..
E-MAIL……..

ACCEPTANCE

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

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

For & on behalf of President of India

Executive Engineer (E)
DED-51, CPWD,
R.K. Puram, New Delhi

Dated: ……..

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil AE(P)(E)

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 work, if any. : NIL

SCHEDULE 'E'

Reference to General Conditions of contract	**:**	**General conditions of contract for Maintenance Work-2023 with amendment issued up to previous day of last date of submission of the tender.**
Name of work	**:**	**Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.**
Estimated cost of work	**:**	**Rs. 31,40,647/-**
(i) Earnest money	**:**	**Rs. 62,813/-**
(ii) (a) Performance Guarantee	**:**	5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher (O.M. No. DG/Manual-2024/20 Vidyut Bhawan, New Delhi Dated: 27.02.2026). Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC.
(b) Additional Performance Guarantee: -	**:**	A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender. Requirement of Additional Performance Guarantee (APG) in case of abnormally low bids as defined above, the bidder Shall be required 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 ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be 0.8A - 0.7A). 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.
(iii) Security deposit	**:**	2.5% of tendered value

SCHEDULE 'F':-

General Rules & Directions: - **Latest GCC provisions**

Officer inviting tender:	**:**	Executive Engineer (E), DED-51, CPWD, R.K. Puram, New Delhi.
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	**:**	See Clause-12 below

Definitions:

2 (v) Engineer-in-Charge	**:**	Executive Engineer, DED-51, CPWD, R.K. Puram, New Delhi.
2 (viii) Accepting Authority	**:**	Executive Engineer, DED-51, CPWD, R.K. Puram, New Delhi.
2 (x) Percentage on cost of materials and labour to cover all overheads and profits.	**:**	**15%**
2 (xi) Standard schedule of Rates	**:**	DSR E&M 2025 with amendments and up to date corrections, Market rate, Minimum wages as per Govt. of Delhi or Central Government.
2 (xii) Department	**:**	CPWD
9 (ii) Standard CPWD contract form	**:**	GCC 2023 (Maintenance Work) for CPWD works as amended/ modified up to 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.	**:**	07 days
Maximum allowable extension with late fee 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above.	**:**	03 day

Clause 2

Authority for fixing compensation under clause – 2	**:**	Superintending Engineer, DC-5, CPWD, R.K. Puram, New Delhi.

Clause 2A

Whether Clause 2A shall be applicable **:** No

Clause 5

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

Note:- Levy of compensation under clause-2 will be granted by the **Superintending Engineer, DC-5, CPWD, R.K. Puram, New Delhi.** Or His successor

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
NOT APPLICABLE			

Time allowed for execution of work	:	**7 Months**

Authority to decide:

1. Authority to convey the decision of shifting of milestone and extension of time	:	Superintending Engineer, DC-5, CPWD, R.K. Puram, New Delhi.
2. Rescheduling of mile stones and extension of time	:	Superintending Engineer, DC-5, CPWD, R.K. Puram, New Delhi.
3. Shifting of date of start in case of delay in handing over of site	:	Superintending Engineer, DC-5, CPWD, R.K. Puram, New Delhi.

Clause 6, :-

(Whether Clause 6 shall be applicable Electronic Measurement Book (EMB) through CPWD ERP portal – **Yes**

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.	:	15.00 Lakh
Clause 7 A:-*Whether Clause 7A shall be applicable.*	:	Yes

Clause 10A :-

List of testing equipment to be provided by the contractor at site lab. : **As per requirement at site & as per direction of Engineer-in-Charge.**

Clause 10 – B(i) :-

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

Clause 10C – Payment on Account of increase in Price/Wages due to Statutory Order(s) : **Not Applicable**

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 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column. : **-Not Applicable--**

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

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

Clause 11 :-

Specifications to be followed for execution of work : **CPWD Specification for electrical work Part-I Internal-2023, CPWD General Specifications for Electrical works Part-II External-2023, CPWD General Specifications for Electrical Works Part-III (Lift & Escalator) – 2003, CPWD General Specifications for Electrical Works Part-IV sub-station-2013, CPWD General Specifications for Electrical Works Part-V wet riser & Sprinkler System – 2006, CPWD General Specifications for Electrical Works Part VI Fire Alarm System – 1988, CPWD General Specifications for Electrical Works Part VII DG Sets 2013, CPWD General Specifications for Electrical Works Part VIII Gas Based Fire Extinguishing System – 2013, CPWD General Specifications for Heating, Ventilation & Air-Conditioning – 2017 & amended upto date and as per direction of Engineer-in-Charge. The additional specifications are to be read with above and in case of any variations; specifications given along with the tender shall apply**

Clause 12	
Type of Work	Maintenance works including works of up-gradation, aesthetic improvement, special repair, addition / alteration etc.
(i) As per modification in condition of contract in clause-12 maintenance works (vide no. DG/CON/Maintenance/2023/03 dated 18.12.2023. The completion cost shall be in no case exceed 1.5 times the contract amount. Deviation upto 1.25 times of contract amount shall be approved by Engineer-in-charge with recorded reasons. (ii) Deviation beyond 1.25 times upto 1.5 times of contract amount shall be approved by SE/CE (as applicable) with recorded reasons (as per vide DG/SOP-2022/24 dated 18.12.2023) (iii) The completion cost shall, in no case exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-à-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-charge before taking up extra item(s), deviation(s) so- that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid.	
Deviation Limit beyond which clause 12.3 shall apply for building work.	: No limit (All the deviated quantities shall be paid at agreement rates)

Clause 16 :-

Competent Authority for deciding reduced rates. **Superintending Engineer, DC-5, CPWD, R.K.**

Puram, New Delhi.

Clause 18 :-

1. Electrically operated chase cutting machine
2. Electrically operated core cutting machine
3. Megger
4. Tong tester
5. Any other machinery, tools and plants as per requirement at site.

Clause 19C :- Authority to decide penalty for each default — **Engineer-in-Charge**

Clause 19D:- Authority to decide penalty for each default — **Engineer-in-Charge**

Clause 19G: Authority to decide penalty for each default — **Engineer-in-Charge**

Clause 19K: Authority to decide penalty for each default — **Engineer-in-Charge**

Clause 25 :

Constitution of Dispute Redressal Committee (DRC)	
For all claims in dispute	
1. Conciliator	**ADG(Delhi)**
2. Arbitrator Appointing Authority	**SE/DC-5**
3. Place of Arbitration	**New Delhi**

Clause 32 :-

"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 32**	
						Figures (in Rs.)	**Words**
1.	NA						

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.

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil **AE(P)(E)**

Clause 38 :-

(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----------			

Assistant Engineer (E)P
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

Executive Engineer (E)
Delhi Electrical Division-51
CPWD, R.K. Puram, New Delhi

On Non-Judicial Stamp Paper Of Minimum Rs. 100
(CPWD, OM No. DG/CON/311 dated 20.10.2020)
(Guarantee Offered By Bank To CPWD In Connection With The Execution Of Contracts)
Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/Security Deposit/mobilization Advance

1. Whereas, the Executive Engineer (E), DED-51, CPWD, R.K. Puram, New Delhi-110066. on behalf of the President of India (hereinafter called "The Government") has invited bids under ……(NIT Number)…….dated……for……..(Name of work : **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi. .** The Govt. has further agreed to accept irrevocable Bank Guarantee for Rs. …….. (Rs…….. only) valid upto……..(date)*……..as Earnest Money Deposit from……..(name and address of the contractor)……..(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT. OR** Whereas, the **Executive Engineer (E), DED-51, CPWD, R.K. Puram, New Delhi** on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number……..with……(name and address of the contractor)……..(hereinafter called "the contractor") for execution of work……..(Name of work: **Comprehensive Maintenance of Diakin make VRV/VRF System of New Building at Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi..** The Government has further agreed to accept an irrevocable bank Guarantee for Rs…….(Rupees……..only) valid upto…….(date)…….as Performance Guarantee/Security Deposit/Mobilization Advance from the said contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, ……(indicate the name of the bank)……(herein after referred to as "the Bank"), hereby undertake to pay to the Govt. an amount not exceeding Rs…….. (Rs……..only) on demand by the Govt. within 10 days of the demand.
3. We, ……(indicate the name of the bank)…….. do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Govt. stating that the amount claimed is reqd. to meet the recoveries due or likely to be due from the Said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs……..(Rupees……..only)
4. We, ……(indicate the name of the bank)……., further undertake to pay the Govt. any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribubal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shal have no claim against us for making such payment.
5. We, ……(indicate the name of the bank)……., further agree that the Govt. shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Govt. against the said contractor and forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Govt. or any indulgence by the Govt. to the said Contractor or by any such matter or thing whatsover which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, ……(indicate the name of the bank)……,further agree that the Govt. as its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Govt. may have in relation to the contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

8. We, ……(indicate the name of the bank)…….,undertake not to revoke this guarantee except with the consent of the Govt. in writing.
9. This Bank Guarantee shall be valid upto…….unless extended on demand by the Govt. notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs……..(Rupees……. Only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

DATE .....

WITNESS .....

Signature….
Name and Address

Authorized signatory
Name
Designation
Staff Code No.
Bank Seal

Signature….
Name and Address

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

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

(CPWD, OM No.DG/SOP/14 dated 20.10.2020)
(Proforma for encashment of BG to be issued 14 days before its expiry)

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
दि.वै.मं–51, आर. के. पुरम.,
नई दिल्ली

To,
The Manager
…(Name & Address of Bank)… ……
……
……..

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

Name of Contractor:

Dear Sir,

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

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

Enclosure : Bank Guarantee

Yours faithfully,
Executive Engineer (E)
DED-51, CPWD
R.K. Puram, New Delhi

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

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil AE(P)(E)

Comprehensive Maintenance of VRV/VRF System

1. Note: - Maintenance of VRF/VRV Plants shall be carried out by the Manufacturer/Authorized agency only (i.e. Daikin Make).

   The scope of work includes operation of (810 HP) Daikin make VRF/VRV Air conditioning system and all electrical & mechanical equipment & accessories installation at **Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.** for all days including Sunday and holidays.

2. Following items are covered under the scope of comprehensive maintenance, break down maintenance, preventive maintenance i/c routine daily, weekly, monthly, quarterly and yearly maintenance of installation as per details furnished here under be carried out. Comprehensive maintenance also includes supply/ replacement and repair of units spares as required. No extra payment will be made for supply/repair/ replacement of spare units/components
   I. Comprehensive maintenance of complete air conditioning system so that performance of the plant generally remains within the parameters as recorded during the final testing of the plant with tolerances, which are required to be furnished during the design stage.
   II. Various type/size of indoor units complete with associated display, electronic cards and cordless/ corded remote controller & associated internal control/power wiring/ regular cleaning of filters, fan motor & any other associated work for proper & specified functioning of indoor unit.
   III. Various capacity outdoor units with associated compressor, supply/filling of compressor oil and Refrigerant Gas etc. inverters/Digital scroll system electronic card, IGBT control / power wiring, Oil, Recovery system, Heat exchanger, Condenser motor Fan, Internal refrigeration circuit & any other associated work for proper & specified functioning of outdoor units.
   IV. Refrigerant piping along with all joints etc. i/c detection repairing of leakage pressure testing with nitrogen gas, vacuum purging, gas recharging/topping i/c supply of refrigerant the repair work shall be carried out in professional manner. This shall also include restoration of insulation after repair. any other associated work proper & specified functioning air conditioning system. the scope also includes supply & charging of refrigerant due to any unforeseen circumstances.
   V. Condensate drains water pipe cleaning detection/repairing of pipes or any leakage etc. any other associated work for proper functioning of drain water disposal system.
   VI. All control & power wiring between indoor & outdoor units. Any other associated work for proper & specified functioning of air conditioning system.
   VII. Any other item/activities associated with proper functioning of comprehensive maintenance complete air conditioning system deemed to have been included in the scope of work.

3. Maintenance schedules in addition to attending to complaints, the contractor will be required to carry out prescribed maintenance schedules. The maintenance schedules and the work to be done in each schedule shall be jointly decided in consultation with Engineer-in-Charge. A proper record of maintenance schedules to be opened based on Performa jointly decided with Engineer-in-charge. The contractor & Engineer-in-charge of CPWD shall jointly record the details of maintenance schedules in the register meant for it.

4. Details of equipment's and installations are as under: -

   (i) 810 HP VRV/VRF Air Conditioning System.

a) VRF/VRV outdoor unit HP – 49 Nos. (Various Rating)
b) Split type indoor unit – All units from 2nd floor to 7th floor
c) Air Handling Unit – All units from 2nd floor to 7th floor
d) Fan Coil Unit – All units from 2nd floor to 7th floor.
c) Refrigerant piping.
d) Drainage pipe line.
e) Control cabling.
f) Power cable.
g) Control panel.
h) Remote Controls

5. EXCLUSION

The following works are excluded from the scope of work of this contract.
a) Refrigerant gas

6. The service connection cable from electric substation/feeder pillar to the main control panel of Central AC plant.

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

ADDITIONAL TERMS AND CONDITIONS

1. The electrical works shall conform to CPWD. General Specifications for Electrical Works 2023 as amended upto date and in accordance with the Indian Electricity Act 1910 and the Indian electricity rules 1956 as amended up to date and as per instructions of the Engineer-in-charge.

2. Any damage to the building during the execution of electricity work shall be the responsibility of the electrical contractor and the same will made good immediately at his own cost to the satisfaction of the Engineer-in-charge. Any expenditure incurred by the department in this connection shall be recovered from the contractor and decision of the Engineer-in-charge about recovery shall be final.

3. All the debris of the electrical works should be removed and the contractor should clear the site immediately after the occurring of debris. Similarly, any rejected material should be immediately cleared of from the site by the contractor.

4. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-charge and to comply with remarks there in.

5. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequence due to negligence or due to lapse of security /safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained /accepted by the department.

6. The contractor shall take all safety precautions to avoid accidents by exhibiting caution boards, red flags, red lights and by providing necessary barriers and all other measures required from time to time. The contractor shall be responsible for all damages and accidents due to negligence on his part.

7. All materials shall be got checked & approved by the Engineer-in-charge on receipt of the same at site before use and rejected material is to be removed from the site immediately.

8. The contractor will have to make his own arrangement for storage of materials. No storage space shall be provided by department.

9. The Contractor will provide minor adjustment CALL BACK Service at No Extra Charge. This CALL BACK Service will be extended round the clock on all Working Days.

10. The tendered rates shall be deemed to include for all services covered under this contract and no extra payment will be made on this account.

11. Any accident occurred due to negligence will be the entire responsibility of the contractor

12. The time allotted for attending the complaints is 24 Hours and if the complains are not done within 24 hours of the registration, a recovery @ Rs.1000/- per day shall be made against the contractor.

13. Before start of work, contractor is bound to submit the following details of workers proposed to be engaged by him, failing which the tender may be cancelled and the agency will not be allowed to re-participate for the above work. The contractor shall submit details manpower to be deployed in following format: -

S. No.	Name of worker/ Employee	Category	Address	Qualification & Experience in case of skilled worker	Adhar Card No. (Photo copy to Be enclosed)	Workers/Employee Bank Details i.e. A/c No., Bank & Branch (Copy of Cancelled Cheque/ photocopy of passbook to be enclosed)
1.						

14. The work shall be carried out at **Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.** the contractor is advised to quote his rates accordingly.

15. The following Minimum staff shall be deputed at site at different shift and different E & M Services /day (consolidated staff for entire E&M services)

16. Staff provided for duty shall be professionally competent and experienced to handle the eventualities of electrical installation, pumps etc. & operation round the clock.

17. In case any of the documents submitted by the contractor is found false / forged at a later date, action for debarment of contractor will be taken by the department.

18. No labour will be changed without approval of Engineer-in-charge.

19. The contractor shall furnish Name & Contract Number of the person, who should be contracted during emergency

20. The operation work is being on contract in absence of permanent Technician, Operator & Khallasi, in case of deputing permanent employee by the department, the contract shall be terminated in between with a prior notice of 15 days to the contractor. In such case the payment shall be made pro-data for work done.

21. If any staff is on leave, the contractor shall arrange suitable substitute staff.

22. The contractor shall provide uniform with dress code to the worker within 15 days. All the staff deployed by the contractor shall be well behaved, in proper uniform with name of the worker, designation, name of firm and inscription displayed on the uniform. In the event on non-compliance a recovery of Rs. 200/- per day per employee shall be made from the bill of contractor.

23. There may be some restrictions on free movement of laborers at site and restriction of working hours and the agency shall consider this fact while quoting the rates and executing the work. Photo passes if any required for worker shall be responsibility of the contractor.

24. Gutkha / Pan Masala / Smoking / Spitting is strictly prohibited in **Intellectual Property India, Patent Office Delhi, Boudhik Sampada Bhawan, Plot No. 32, Sector 14, Dwarka, New Delhi.** and contractor is advised to instruct their labour / employee about the same.

25. Any misbehaviour, impersonation & security breaches caused by the labour will not be tolerable at all. The contractor shall be fully responsible for such acts of omission if any legal action is initiated by the competent authority for violating the security measures.

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

SCHEDULE OF WORK

Name of work :- Comprehensive maintenance of Diakin make VRV/VRF system of New Building at Intellectual Property India, Patent office Delhi, Boudhik Sampada bhawan, Plot No - 32, Sector-14, Dwarka, New Delhi.

S. No	Sub-Head	Qty.		Rate	Unit	Amount
1	Comprehensive maintenance of 810 HP Daikin make VRV/VRF air conditioning system installed at New Building, IPO, Dwarka, including routine, preventive and breakdown maintenance of all indoor and outdoor units, compressors, fan motors, coils, filters, electrical panels, control wiring, sensors, drain piping, refrigerant piping, insulation and all associated components, complete as per OEM guidelines and as directed by Engineer-in-Charge, including cleaning, servicing, checking of refrigerant gas, tightening of connections, fault diagnosis and rectification, maintenance of log book, and provision of all labour, tools & tackles, testing instruments and minor consumables etc. complete.	810	HP		Per Month per HP	
		7	Month	339.00		1922130.00
2	Operation of complete Daikin Make Variable Refrigerant Volume (VRV/VRF) Air Conditioning System of total installed capacity 810 HP installed at Baudhik Sampada Bhawan, Sector-14, Dwarka, New Delhi, by deploying manpower, including starting and stopping of the system as per requirement, monitoring of operating parameters, temperature setting, maintaining daily log book, attending user complaints, ensuring smooth operation of the system during working hours and carrying out all incidental works complete as directed by the Engineer-in-Charge. a)Skilled operator/technician-01 No. b) Helper - 01 No	7	Month	65447.00	Per Month	458129.00

Correction – Nil Deletion – Nil Insertion – Nil Overwriting – Nil **AE(P)(E)**

3	Supply and charging of R-410A refrigerant gas in Daikin make VRV/VRF air conditioning system, including leak testing, evacuation, proper charging as per OEM specifications, and checking of system performance, complete as directed by Engineer-in-Charge, including all labour, tools & tackles and incidental works.	150	Kg	1164.00	Per Kg	174600.00
4	Supplying, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/ round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports, bends, transitions, reducers, end caps, collars etc as required complete in all respect in confirmation to IS : 655 and approved drawings and specifications of following sheet thickness complete as required.					
4.1	Thickness 0.63 mm sheet	50	Sq.m	1191.00	P/Sq.m	59550.00
4.2	Thickness 0.80 mm sheet	50	Sq.m	1382.00	P/Sq.m	69100.00
5	Supplying, Fixing, installation, testing and commissioning of powder coated extruded aluminium Supply Air Grills with aluminium volume control dampers in confirmation to SMACNA/IS and as per specifications complete etc. as required.	10	Sq.m	9623.00	P/Sq.m	96230.00
6	Supplying & fixing of powder coated extruded aluminium Return Air Grills with louvers but without volume control dampers complete in confirmation to SMACNA/IS and as per specifications complete etc. as required.	10	Sq.m	6285.00	P/Sq.m	62850.00
7	Supplying, Fixing, installation, testing and commissioning of thermal insulated flexible duct of following sizes duly supported at regular interval as per site requirement etc. in confirmation to SMACNA/IS and as per specifications complete etc. as required	50	meter	633.00	P/mtr	31650.00
7.1	200 mm dia.					
8	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					
8.1	20 mm	500	meter	151.00	P/mtr	75500.00

9	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
9.1	25 A	6	each	3137.00	each	18822.00
9.2	40 A	33	each	3452.00	each	113916.00
9.3	63 A	10	each	3597.00	each	35970.00
10	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.					
10	3 x 4 sq. mm	100	meter	222.00	P/mtr	22200.00
				TOTAL	Rs.	3140647.00

Assistant Engineer (E)P
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

Executive Engineer (E)
Delhi Electrical Division-51,
CPWD, R K Puram New Delhi-66

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