

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

(Applicable for inviting open tenders)

The Executive Engineer (E), DED-101, CPWD, Gate No. 6, North Block, New Delhi – 110001 (Ph: 23092312 & E-mail: deleepacd.cpwd@nic.in) 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:

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

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	98/EE(E)/DED-101/2026-27	MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)	Rs. 12,24,986/-	Rs 24,500/-	15 Days	14/08/2026 upto 15:00 hrs	14/08/2026 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. This information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
4. 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 Bankers Cheque or Fixed Deposit Receipts or/ and 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
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>

6. 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>
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

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

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

10. Pre bid conference shall be held on 10.08.2026 at 15.00 in the chamber **Executive Engineer (E), DED-101, CPWD, North Block, New Delhi** to clear the doubt of intending bidders, if any.

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. Enlistment Order of the Contractor.
3. GST Registration certificate AND/OR Undertaking.
GST registration certificate of the state where the work is to be executed, if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then in such a case the bidder shall upload the following undertaking with the bid document. "If work is awarded to me, I/We shall obtain registration certificate as applicable within one month from date of receipt of award letter or before payment of 1st R.A. bill whichever is earlier, failing which, I/We shall be responsible for any delay in payments which will be due towards me on account of the work executed and/ or for any action taken by CPWD or GST department in this regard". "
4. 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)
5. ERP Training Certificate.
6. Copy of Valid Electrical Licence OR Undertaking as per Annexure-D2.
7. Undertaking as per Annexure D1.
8. Undertaking as per Annexure D5.
9. Firm's Contact details.

RECEIPT OF DEPOSITION OF ORIGINAL EMD (Receipt No.....date.....)		
1	Name of Work*	MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)
2	NIT No.*	98/EE(E)/DED-101/2026-27
3	Estimated Cost*	Rs. 12,24,986/-
4	Amount of Earnest Money Deposit*	Rs. 24,500/-
5	Last date of submission of bid*	14/08/2026 upto 15:00
(*To be filled by Tender inviting authority/NIT approving authority at the time of issue of NIT and uploaded along with NIT)		
6	Name of contractor#	
7	Form of EMD#	
8	Amount of Earnest Money Deposit#	
9	Date of submission of EMD#	
Signature, Name and Designation of EMD Receiving officer (EE/AE(P)/AAO) alongwith Office stamp		
(# to be filled by EMD receiving EE or NIT issuing EE/AE as the case may be)		

(Note:- EMD is required to deposit in the office of Executive Engineer(E), DED-101, CPWD, Gate No. 6, North Block, New Delhi who is inviting bid or Division office of any Executive Engineer, CPWD/PWD Delhi within the period of bid submission. If the EMD is deposited in Sub Division office then it shall not be considered and tender shall be rejected).

Annexure "D1"**UNDERTAKING**

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

To,

Executive Engineer (E),
DED-101, CPWD,
North Block, New Delhi.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

I/We shall hereby undertake that:

1. I/We shall submit **Annexure "D3" as per NIT** at the time of submission of PG.
2. I/We shall submit **Annexure "D4" as per NIT** at the time of submission of PG.
3. I/We shall submit Labour License Or an undertaking as given in NIT at the time of submission of PG.
4. I/We shall submit the documents as per NIT Schedule 'F' Clause-7A at the time of submission of PG.
5. If, I/We fail to submit the above details and documents or the same are not found correct, Our PG/EMD shall be forfeited.

Date of submission:

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

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

To,

Executive Engineer (E),
DED101, CPWD, North Block,
New Delhi.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances
at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

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

Date of submission:

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

**(TO BE SUBMITTED BY THE BIDDER FROM THE OEM / AUTHORIZED DEALER DURING THE EXECUTION OF
LED FITTING WORK)**

To,

Executive Engineer (E),
DED101, CPWD, North Block,
New Delhi.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances
at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

UNDERTAKING LETTER FROM MANUFACTURES OF LED FITTINGS

We hereby agree that:

1. All the LED fittings supplied by us are guaranteed for five years including drivers from the date of handing over.
2. In case of discontinuation of model and non-availability of spares, we will replace the fittings with equivalent/high end model in case of manufacturing defect during the warranty period of 5 years.

For M/S.....

(Authorized Signatory of Manufacturer of LED luminaries)

NOTE:-

This undertaking shall be applicable only when there is LED component either in the agreement or during the currency of agreement.

ANNEXURE – “D4”**(TO BE SUBMITTED BY THE BIDDER AT THE TIME OF SUBMISSION OF P.G.)**

To,

Executive Engineer (E),
DED101, CPWD, North Block,
New Delhi.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

DETAILS OF STAFF

We hereby submit the detail of the staff to be engaged for the subject work as per below:

S.No.	Name of person with address	Qualification and experience	PCC	* ESIC No.	* UAN No

Further I will submit the any other document required for security purpose/permission during the currency of agreement.

* If ESIC and UAN No. not available, contractor should be submit the concered deputed employee's ESIC and UAN i/c other required details at the time of submission of Bill.

If, I/We fail to submit the above details and documents or the same are not found correct, Our PG/EMD shall be forfeited

Date of submission:

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

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

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

E-Stamp Certificate No.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

AFFIDAVIT

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

1. That I am a contractor engaged by _____ (Establishment).
2. That I **do not employ and have not employed 20 or more contract workers**, either through one contractor or different contractors, on any day during the preceding **30 Days**.
3. That the provisions relating to obtaining Labour Licence under the *Contract Labour (Regulation & Abolition) Act, 1970* are **not applicable** to me as on date.
4. That in case the number of contract workers reaches **20 or more** at any time in future, I shall immediately comply with the statutory requirements and obtain the necessary Labour Licence.
5. That this affidavit is true and correct to the best of my knowledge and belief and nothing material has been concealed.

Place: _____

Date: _____

Deponent

(Signature of Contractor)

VERIFICATION

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

Verified at _____ on _____

Signature of Deponent

(Note: Stamp paper should not be older than the NIT Published date)

(TO BE SUBMITTED BY THE BIDDER ALONGWITH E-BID)
(On Non-Judicial Stamp Paper Rs. 10/-)

E-Stamp Certificate No.

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

NIT No.: 98/EE(E)/DED-101/2026-27

UNDERTAKING FOR THE WORK

- I/We certify that, I/We are agreeing to work as per existing site condition regarding High security covered area.
- I/We agreed to the penalty clause in T&C of agreement.
- I/We agreed to condition that I has visited the site & understand the security constraint also I/We have preliminary coordination with OEM/ material provider regarding availability and delivery of materials for completing the work in given time limit.

Signature of Bidder

Name: _____

Designation: _____

(Note: Stamp paper should not be older than the NIT Published date)

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 changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

The enlistment 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 bid.

1.1 **The work is estimated to cost Rs 12,24,986/-** This estimate, however, is given merely as a rough guide.

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

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:- **-N.A.-**

Criteria of eligibility for submission of tender documents

1.2.1 Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD Contractors)

For works estimated cost upto tendering limit of class -I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture category).

(i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs..... or one similar work of value not less than Rs..... (all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited.

(ii) For EPC tender under Mode- I/II only (Applicable for CPWD enlisted contractors of appropriate class also).

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

Note :-

For works costing above tendering limit of class -II Buildings & Roads(erstwhile Composite/ Building/ infrastructure)category contractors but upto tendering limit of Class-I Buildings & Roads(erstwhile Composite/ Building/ infrastructure)category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class II and CPWD Class I contractors respectively of Horticulture Category) when bids are open to non-CPWD contractors also, then class II contractors of CPWD registered shall also be eligible if they satisfy the eligibility criteria specified in 1.2.1 above. **-N.A.-**

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

For works estimated to cost above the tendering limit of class -I (Super) Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture Category).

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

Or

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

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

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

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid. This is applicable for 1.2.1 as well as 1.2.2 (Para 1.2.1(i) and Para 1.2.2(i) are not applicable for CPWD enlisted contractors of appropriate class. Para 1.2.1(ii) and Para 1.2.2(ii) are also applicable for CPWD enlisted contractors of appropriate class). **-N.A.-**

To become eligible for issue of 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) **-N.A.-**

1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD

class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2. **-N.A.-**

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

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
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 bid 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.-**

Or

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

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website [https:// etender.cpwd.gov.in](https://etender.cpwd.gov.in) or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of 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 tender 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 Commercial Banks(drawn in favour of **Executive Engineer (E), DED-101, CPWD, NEW DELHI**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. **The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.**

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee 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 30Days 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.

The bid submitted shall be opened at **15:30 hrs on 14/08/2026.**

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) 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 bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form.. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. **The description of the work is as follows:**
 Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise

shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bids for the work shall remain open for acceptance for a period of **30 (thirty) days** from the date of opening of bids in case of single bid system and **75 (seventy five) days** from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further
 - (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

- (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 30Days from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.
20. **For Composite Bids**
- 20.1.1 The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.
 - 20.1.2 The bid document will include following three components:

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

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

Part C:- Schedule A to F for minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.
 - 20.1.3 The bidders must associate himself, with agencies as per NIT conditions.
 - 20.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.
 - 20.1.5 After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE incharge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH incharge of minor components. One such signed set of agreement shall be handed over to EE/DDH incharge of minor component(s).
EE of major component will operate Part A and Part B of the agreement. EE/DDH incharge of minor component(s) shall operate Part- C alongwith Part A of the agreement.
 - 20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.
 - 20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.
 - 20.1.8 The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submit

detail of such agency(s) to Engineer-in-Charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-Charge of relevant component(s).

- 20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-Charge of relevant specialized component(s).

The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-Charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

- 20.1.10 The main contractor has to enter into MoU with agency(s) associated by him . Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE-in-charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.

- 20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer- in-Charge of the discipline of minor component directly to the main contractor. The CMB shall be maintained independently by Engineer-in-Charge of major and minor components.

- 20.1.12A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-Charge of major component after record of completion certificate of all other components.

- 20.1.12B. Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

21. Integrity Pact: The contractor shall download the Integrity Pact, which is a part of tender documents, affix his signature in the presence of a witness, and upload the same while submitting online bids for all works of estimated cost put to tender equal or more than the threshold value given in Schedule-F. In the event of his failure to sign and upload the Integrity Pact along with other bid documents, his bid shall be rejected.

22. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer(E) (Phone no 011-23092312, e- mail Id eeed6cpwd@gmail.com) or ERP helpline no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

*To be filled in by NIT approving authority.

GOVERNMENT OF INDIA CENTRAL PUBLIC WORKS DEPARTMENT

STATE : DELHI
BRANCH: E&M
ZONE: NDZ-I

DIVISION : DED-101, CPWD
SUB-DIVISION : 2

Percentage Rate Tender & Contract for Works

(A) **Tender for the work of:-** MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

- (i) To be uploaded by 15:00 hours on 14/08/2026 to/upload at www.etender.cpwd.gov.in.
- (ii) To be opened, in presence of tenderers who may be present at 15:30 hours on **14/08/2026** in the office of **Executive Engineer (E), DED-101, CPWD, Gate No. 6, North Block, New Delhi – 110001**

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.

I/We agree to keep the tender open for **Thirty (30) days** from the due date of its opening in case of single bid system and not to make any modification in its terms and conditions.

A sum of **Rs 24,500/-** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank 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 or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:

Signature of contractor

Witness:

Postal Address

Address:-

Occupation:-

ACCEPTANCE

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

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

i)

ii)

iii)

For & on behalf of the President of India

Signature _____

Dated: _____

Designation _____

PROFORMA OF SCHEDULES

SCHEDULE 'A'		
Schedule of quantities, enclosed on separate sheets:		Attached
SCHEDULE 'D'		
Extra schedule for specific requirements/documents for the work, if any:		NIL
SCHEDULE 'E'		
Reference to General Conditions of contract :		Applicable GCC is General Conditions of Contract (Maintenance Works) 2023 as modified & corrected upto previous day of the last date of submission of the tender.
Name of Work:-		MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)
Estimated cost of work:-		Rs. 12,24,986/-
(i)	Earnest money: (To be returned after receiving performance guarantee)	Rs. 24,500/-
(ii)	Performance Guarantee:-	As applicable vide DG, CPWD Office Memorandum No. DG/Manual-2024/20 dt. 27.02.2026
(iii)	Security Deposit :-	2.5% of tendered Value.

SCHEDULE 'F'		
General Rules & Directions: -		
Officer inviting tender:-		Executive Engineer (E), DED-101, CPWD, North Block, New Delhi.
Definitions:		
2 (vi)	Engineer-in-Charge	Executive Engineer (E), DED-101, CPWD, North Block, New Delhi or his successor there of.
2 (viii)	Accepting Authority	Executive Engineer (E), DED-101, CPWD, North Block, New Delhi.
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits.	15%
2 (x)(b)	Standard schedule of Rates	Delhi Schedule of Rates (E&M)-2025 with up-to-date correction slips.
2 (xi)	Department	Central Public Works Department
2 (xvi)	Extra items	Extra items are those items which are not available in the contract. a. Non Schedule Extra Items are those items which are not available in the Standard Schedule of Rates specified in Schedule F. b. Scheduled Extra Items are those items which are available in the Standard Schedule of Rates specified in Schedule F.
2 (xvii)	Completion Cost	The completion cost includes gross amount of work done, amount of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc.
9 (ii)	Standard CPWD contract form	General Conditions of Contract (Maintenance Works) 2023, CPWD Form 7 as modified & corrected upto previous day of the last date of submission of the tender.

Clause 1	
Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance, in days.	7 days
Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period as (provided in i) above.	3 days

Clause 2	
Authority for fixing compensation under clause 2.	Chief Engineer, NDZ1, CPWD or his successor.

Clause 2A	
Whether Clause 2A shall be applicable	Not applicable

Clause 5	
Number of days from the date of issue of letter of acceptance for reckoning date of start:	10 days

<u>MILE STONE (S) AS PER TABLE GIVEN BELOW</u>			
Table of Milestone (s)			
Sl. No.	Physical Activity	Time Allowed (from date of start)	Amount to be with held in case not achieving the mile stone
(i)	Approval of drawings & make of equipment.	1 Month	1% of the tendered amount
(ii)	Procurement of material at site.	2 Months	1% of the tendered amount
(iii)	Installation of all equipments.	4 Months	1% of the tendered amount
(iv)	Complete testing including handing over.	6 Months	1% of the tendered amount

---- Not Applicable----

Time allowed for execution of work:	15 Days
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Authority to decide:		
(i)	Authority to convey the decision of shifting of milestone and extension of time.	Executive Engineer (E), DED-101, CPWD, North Block, New Delhi or his successor.
(ii)	Authority to decide rescheduling of mile stones and extension of time.	Chief Engineer, NDZ1, CPWD or his successor.
(iii)	Shifting of date of start in case of delay in handing over of site.	Chief Engineer, NDZ1, CPWD or his successor.

Proforma of Schedule Clause 5
Schedule of handing over of site

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

Clause 5	
Applicable Clause 5 or Clause 5A	Clause 5
Clause 6	
Computerized Measurement Book (CMB) / Electronic Measurement Book (EMB)	
Mode of Measurements	EMB
Clause 7	
Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Minimum 12.00 Lakhs Or as mutually agreed by Engineer-In-Charge and agency or as per availability of fund.
Clause 7A	
Whether Clause 7A shall be applicable No running account bill shall be paid for the work till the applicable labour licenses, registration with GST, EPFO, ESIC, and BOCW welfare board, whatever applicable are submitted by the contractor to the Engineer-in- charge.	Applicable

Clause 8	
The competent authority to inspect and issue of completion certificate	Executive Engineer (E), DED-101, CPWD, North Block, New Delhi or his successor.

Clause 10A	
List of testing equipment to be provided by the contractor at site lab.	As per requirement of site and direction of Engineer-in-charge.

Clause 10B(ii)	
Whether Clause 10B(ii) shall be applicable	Not Applicable

Clause 10C	
Whether Clause 10C shall be applicable	--- Applicable---
Component of material / labour expressed as percent of value of work of respective discipline	Labour (Y)
	15%

Clause 10CC	
Whether Clause 10CC shall be applicable	Applicable

Clause 11		
Specifications to be followed for execution of work		
E&M works:	CPWD General Specifications for Electrical work Part I Internal – 2023, Part II External – 2023 and relevant amended upto date or receipt of tender.	
Building information model (BIM) is applicable and BIM professional to be deployed by contractor.....	NO	
Clause 12		
Clause 12.2 & 12.3	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work.	No Limit
Clause 12.4	i) Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (Except items mentioned in earth work subhead in DSR and related items).	No Limit
	ii) Deviation limit for items mentioned in earth work subhead of DSR and related items.	No Limit

Type of work	Maintenance work
Completion Cost	The completion cost includes gross amount of work done, amount of extra item(s) and deviation(s) and escalation amount admissible as per agreement etc.
GST correction issued vide DG OM No. 158/SE(TAS)/GST/2024/02-E dated 08/08/2024, shall be applicable to the rate derivation for extra items.	

Clause 16	
Competent Authority for deciding reduced rates. (Shall be limited upto 5% of the Contract Value.)	Chief Engineer, NDZ1, CPWD or his successor

Clause 18 List of mandatory machinery, tools & plants to be deployed by the contractor at site	E&M works: 1. Temperature Measuring Machine. 2. Pressure Test Machine. 3. Earth Tester 4. Megger 500 V 5. Line Tester 6. Test Lamp 7. Die & Vice 8. Chase Cutting Machine 9. Crimping Tools 10. Tong Tester 11. Ladder and /or as per requirement at site / as per the contract provisions and as per direction of Engineer-in-charge.
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Clause 19	
Authority to decide penalty for each default	
Clause 19C	Executive Engineer(E), DED-101, CPWD, North Block, New Delhi or his successor (Penalty of Rs. 200/- for each default)
Clause 19D	Executive Engineer(E), DED-101, CPWD, North Block, New Delhi or his successor (Penalty of Rs. 200/- for each default)
Clause 19G	Executive Engineer(E), DED-101, CPWD, North Block, New Delhi or his successor (Penalty of Rs. 100/- per day for each default and defaulting continuously the Penalty may be enhanced to Rs.200/- per day for each day fault subject way maximum of 5% of the estimated cost of the work put to tender)
Clause 19K	NA

Clause 25	
(i) Conciliator	ADG(Delhi), CPWD or his successor
(ii) Arbitrator appointing authority	CE (NDZ-1), CPWD or his successor
(i) Place of Arbitration	Delhi

Clause 32

Sl. No.	Minimum qualification of Technical Representative	Number (of Major component)	Designation (Principal Technical /Technical Representative	Minimum Experience (years)	Rate at which recovery shall be made from the contractor in the event of not fulfilling
1	Graduate Engineer or Diploma Engineer	1	Project Manager cum Planning / quality / site / billing Engineer	2 or 5 respectively	Rs. 15,000/- per month
2	Minimum recovery for not deploying Building Information Model (BIM) professional shall be Rs. Two lac per month or as mentioned above, whichever is higher.			N.A.	

Clause 38

i)	a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2025 printed by CPWD with up to date correction slips	
i)	Variations permissible on theoretical quantities:-	
	a. Cement	
	For works with estimated cost put to tender not more than Rs. 25 Lakh	-3% plus/minus
	For works with estimated cost put to tender more than Rs 25 Lakh	2% plus/minus
	b. Bitumen for all works.	2.5% plus only & nil on minus side
	c. Steel Reinforcement and structural steel sections for each diameter, section and category.	2% plus/minus
	d. All other materials.	Nil

Note:

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

Diploma holder with minimum 10 years 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 engineer.

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.

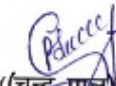
Following modification is made in Para no. 5.2 for CPWD Works Manual 2024:

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

[Signature] Jindal
EE (Contract)

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


 27-02-2026
 ((चन्द्र पाल))
 अधीक्षण अभियंता (सी.ए.ए.सी.)
 Chandar Pal, SE (C&M)

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

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनवि वेबसाइट के माध्यम से)


 21/1/16

D.P. Jindal
EE (Contract)

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

Terms & Conditions:

1. The work is to be carried out at LKM Complex, New Delhi which is a place of prime importance and ultra-high security premises in the LBZ area of New Delhi. Hence, the execution of work should be carried out by highly competent staff with spotless integrity.
2. The work is to be done as per entire satisfaction of Engineer in Charge.
3. No T&P shall be issued to contractor.
4. The LKM Complex, New Delhi is high security area where entry is restricted to a person whose character is verified by police. The contractor shall have to follow all the prevailing security practices while working in the premises.
5. The work is to be carried out at VVIP site and no claim shall be entertained for any labour wastage due to security reasons.
6. The contractor shall be fully responsible for the conduct of the staff deputed by him.
7. In case of any damage to any equipment and installation on account of negligence or fault of the contractor's staff the same shall have to be made good by the contractor at his own risk and cost.
8. Being a secured area, the details of staff to be engaged like; name, father's name, residential address in Delhi & permanent address should be furnished by the contractor for security clearance.
9. The materials shall have to be covered by manufacturer's warranty for a period not less than Two year from the date of completion of the work.
10. The rate quoted should be inclusive of GST, all govt. levies and cartage upto the place of execution.
11. The Year of the manufacturing of Battery should be Year 2026
12. Make: - EXIDE/AMRON/PANASONIC
All other items should be of ISI marked and as per approved sample kept at site of work.
 1. In case the quantity of an item is more than one, same make shall be supplied/ used.
 2. The Contractor shall get the samples of all other items, not covered in the above list, for approval of make by the Engineer-in-charge. The decision of Engineer-in-charge shall be final in this respect.

Note:- Failing to submit the following documents, no running and final bill shall be paid to the contractor M.A.S. Register, Site Order Book, Hindrance register, Attendance sheet of the staff deployed, proof of the payment to the staff, proof of the material procured i/c tax invoice, service report duly signed by JE/AE etc. and any other documents as asked by Engineer-In-Charge.

GENERAL CONDITIONS

1. All hardware items such as screws, thimbles, connectors, earth/neutral terminals, wires etc. which are essentially required for completing any item as per specifications will be deemed to have been included in the item even when the same have not been specifically mentioned.
2. All hardware material such as nuts/bolts/screws/washers etc. to be used in the work shall be zinc/cadmium plated iron. The galvanized boxes of modular switch/sockets etc. shall be of the same make as of switch/socket etc.
3. While laying conduit, suitable minimum number of junction boxes shall be left for pulling the wires. These shall be placed in such a way that the same do not remain noticeable.
4. Any conduit which is not be wired by the contractor shall be provided with GI fish wire for wiring by some other agency subsequently. Nothing extra shall be paid for the same.
5. Multi stranded FRLS PVC insulated copper conductor wires are to be used in the work. Termination of multi-stranded conductors shall be done using crimping type copper thimbles at both the ends. Nothing extra shall be paid for the same.
6. The contractor shall follow the shortest route for circuits, sub-main, point wiring etc.

7. The connections of switches, sensors, earthing conductors & interconnections cables shall be made by adequate rating thimbles of approved standard makes only and nothing extra on this account shall be paid.
8. Check nuts shall be provided while terminating the M.S. conduits in switch board boxes for which nothing extra shall be paid.
9. All distribution boards shall be marked with circuits controlling the rooms/area/SDB controlled
10. Material to be used in the work shall be ISI marked. The makes of materials have been indicated in the list of acceptable makes. No other make will be acceptable. The material to be used in the work shall be got approved from the Engineer-in-charge before its use at site. The Engineer-in-charge shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not as per specifications
11. While deciding the size of switch boxes for light points/fan point, exhaust fan point items, extra two modules will be provided for each fan point for fixing of regulator(s) (fan regulator is to be provided under different item). Wherever extra modules are available, the same shall be provided with blanking plates without any extra cost.
12. Modular type switches/sockets/telephone outlets/TV sockets are to be provided wherever indicated in the items. The same shall be of only one make. The modular plates of switches, sockets, telephone & TV sockets etc. shall be in two parts i.e. plates with frames with in quoted rates.
13. The building shall be provided with false ceiling in various areas. In order to avoid maintenance problem, the contractor will not provide any ceiling rose/connector/looping box etc. above the false ceiling. The point wiring in that case will be extended up to the fitting/fan etc. directly without provisions of any termination arrangement in between. The wire from the end point up Page 368 to the fixture shall be considered to be included in the point wiring. Nothing extra shall be paid for the same.
14. Wherever it is not possible to provide rigid conduits, flexible conduit pipe shall be provided for drawing/running the wires. However, such arrangement has to be kept to the barest minimum and only with the prior approval of Engineer-in-charge.
15. Earthing and all hidden items of work shall be carried out in the presence of the Engineer-in-charge or his authorized representative.
16. The fan box cover shall be made from 3mm thick phenolic laminated sheet as per CPWD specification.
17. The contractor shall provide only metallic junction boxes/looping boxes with cover of required sizes even in PVC conduiting and such boxes shall be measured as a part of conduit/wiring without any extra payment.
18. The metallic junction boxes & looping boxes shall be covered with approved makes of phenolic laminated sheet. For telephone, television & fire alarm system shall be provided at all the floors within scope of work without any extra cost as per requirement & layout approved by Engineer-in-charge.
19. The firm has to go through the site order book kept with the Junior Engineer (E) regularly and has to sign the same and carryout the instructions recorded therein by various officers of the department.
20. The quantities of various items may vary from the quantities given in schedule of work. The agency shall bring the various items & materials as per actual requirement at site at the time of execution of work. Excess quantities shall not be accepted & paid by the department.
21. The ceiling roses wherever required to be provided are included in the scope of work without extra payment and the same shall also be of modular type & of the same make as that of switches & sockets along with earthing provision.
22. The MCB should be of same make as that of MCB DBs.
23. The MCB distribution boards shall be factory fabricated in the works of the manufacturer of the MCB's of any of the makes specified and the same shall be duly pre-wired in the works. The board shall be brought to site in ready for installation condition. The MCBs and the MCB distribution board shall be of the same make.
24. Microprocessor type MCCB should have centrally adjustable overload setting & short circuit setting as per OEM standards. All MCCB should be ICS=ICU.

25. Suitable crimping tools shall be used for crimping the lugs/thimbles/ferrules. Nothing extra shall be paid on this account. The lugs/thimbles/ferrules pressed by conventional/ordinary pliers shall not be accepted.
26. All the equipment shall be delivered with (i) Manufacturer's test certificate, (ii) Manufacturer's technical catalogues and Installation / Instruction (O&M) manuals.
27. The work shall be carried out according to approved drawing/details which shall be subsequently issued to the successfully qualified bided bidder for execution, in stages as per Page 369 instruction of the Engineer-in-Charge who will have the right to change the layout as per requirement at site and the contractor shall not have any claim due to change in layout.
28. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The program of electrical works is to be coordinated in accordance with the building work.
29. The contractor or his engineer is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
30. The contractor has to make his own arrangements for stores and watch & ward. No extra claim for this will be entertained.
31. The wiring and conduit route shall be marked by the contractor in the drawing first, and shall be got approved from the Engineer-in-charge.
32. The connection inter connection, earthing and inter earthing shall be done by the contractor wherever required and nothing extra shall be paid on this account.
33. All the sub main and circuits wiring includes loose wire for connections inside switch boxes and MCB DBs. No payment for these loose wires shall be made.
34. All PVC/ MS conduits accessories shall be of the same make as conduits and shall be ISI marked. The conduits shall be terminated as switch boxes/metallic junction boxes with suitable glands/check nuts
35. 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.
36. The contractor shall give due notices to Municipality, Police and/or other authorities that may be required under the law/rules under force and obtain all requisite permissions/licenses for temporary obstructions/enclosures and pay all charges which maybe liable on account of his execution of the work under the agreement. Nothing extra shall be payable on this account
37. The contractor shall leave such recesses, holes, openings, etc., as may be required for the electric, air-conditioning and other related works. (For this purpose, any required inserts, sleeves, brackets, conduits, base plates, insert plates, clamps etc. shall be arranged by the contractor and fix the same at the time of casting of concrete, stone work & brick work, if required, and nothing extra shall be payable on this account.
38. No tools and plants including special T&P etc. shall be supplied by the department and the contractor will have to make his own arrangements at his expenses
39. 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.
40. No foreign exchange shall be made available by the department for the purchase of equipment, plants, machinery, materials of any kind or any other items required to be carried out in execution of work
41. The contractor shall carry out his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-in-charge and shall as far as possible arrange his work and shall place and dispose of the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the entire satisfaction of Engineer-in-charge.
42. All items which are not covered while carrying out electrical work shall be removed and shall be cleared by the contractors as soon as the work is completed.
43. The contractor shall give the Engineer-in-charge in every fortnight, a progress report of the work done during the previous fortnight. The progress of work will be reviewed periodically by the Engineer-in-

charge with the contractor and shortfalls, if any, sorted out. The contractor shall thereupon take such action as may be necessary to bring back his work to schedule without any additional cost to the department

44. It shall be responsibility of the main contractor to sort out any dispute involved with the associated contractor without any time and cost overrun to the department. The main contractor shall be solely responsible for settling the dispute/litigation arising out of his agreement with the associate contractor. The contractor shall ensure that the work shall not suffer on this account
45. The contractor shall quote his rates considering the specifications, terms & conditions and particular specifications and special conditions etc. and nothing extra shall be payable whatsoever unless otherwise specified.
46. The main contractor shall be responsible for coordinating the activities of all works and essential progress of works as per milestone and laid down program.
47. The contractor shall be responsible for the watch and ward of the site/property/material provided by him and materials issued by the department against pilferage and breakage during the period of execution and thereafter till the work is completed and physically handed over to the department.
48. Samples of all materials, fittings and other materials/articles required for execution of the work shall be got approved from the Engineer-in-charge. Materials/articles manufactured by the firms of repute as indicated in tender documents and approved by the Engineer-in-charge shall only be used.
49. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material or work beyond set out tolerance limits shall be summarily rejected by the Engineer-in-charge.
50. Even ISI marked materials shall be subjected to quality test at the discretion of the Engineer-in-charge besides testing of other materials as per the specifications described for the item/material. Whenever ISI marked materials are brought to the site of work; the contractor shall, if required by the Engineer-in-charge, furnish manufacturers test certificates to establish that the materials procured by the contractor for incorporation in the work satisfy the provisions of IS codes relevant to the material and/or the work done
51. The firm shall use only electrically operated chase cutting machine for cutting the chases in the wall for recessed conduit wiring.
52. The contractor will have to make his own arrangement for storage of materials. No storage space shall be provided by department.
53. The contractor will have to ensure that the skilled labour i.e. wireman etc., Engaged in the execution of the work must possess valid electrical license, otherwise he will not be permitted to execute the work
54. The associate contractors executing the electrical works must possess the valid electrical contractor license otherwise they will not be permitted to execute the electrical works.
55. The contractor shall be responsible for removal of all defects in the work during the guarantee/warranty period. The department shall carry out routine maintenance only. However, if any failure is noticed during this period which is attributable to poor quality of material and bad workmanship, the contractor will be required to rectify the same at his own cost, failure of which the department will be at liberty to get the defects rectified at the risk & cost of the contractor. The contractor will also be required to carry out his own inspection/testing during the guarantee/warranty period and attend to any defect taking place during this period.
56. The contractor has to intimate his authorized representative, who will be receiving instructions in his absence. The contractor /his authorized representative is bound to sign the site order book as and when required by the Engineer-in-charge and to comply with the instructions therein.
57. Suitable back plates providing for fixing the wall brackets and ceiling flush fittings shall be supplied by the contractor free of cost.
58. It shall be responsibility of contractor to provide polythene/PVC plastic cover for all SDBs/meter boards/feeder pillars/panels etc. so as to protect them from wear & tear/damage during execution stage. Contractor shall provide the covers for the materials if any being supplied departmentally also. Nothing extra shall be paid on this account.

59. Contractor is fully responsible for any kind of damage to the LT/HT cable during execution of work. No joints shall be allowed if the cable is damaged. Contractor has to replace the full length at his own cost.
60. A suitable brass/tinned copper neutral link shall be fixed at suitable place in the Metallic outlet boxes of all sizes to terminate neutral wire properly. Nothing extra shall be paid on this account
61. Colour coding shall have to be adopted in the wiring system as per specification.
62. Suitable crimping tools shall be used for crimping the lugs/thimbles/ferrules. Nothing extra shall be paid on this account. The lugs/thimbles/ferrules pressed by conventional/ordinary pliers shall not be accepted.
63. A suitable brass/tinned copper neutral link shall be fixed at suitable place in the Metallic outlet boxes of all sizes to terminate neutral wire properly. Nothing extra shall be paid on this account.
64. An earth termination with earth stud of brass/tinned copper i/c 2 No. metallic washers or suitable earth bar of Brass/tinned copper with tinned copper thimbles/ferrules/lugs should be suitably fixed at suitable place in the Metallic outlet box for termination of protective earth conductor. Nothing extra shall be paid on this account.
65. In the outlet boxes, phase from one switch to other switch shall be looped with suitable size of solid copper conductor. Nothing extra shall be paid on this account. Stranded conductor shall not be accepted.
66. Only required number of knockouts should be removed from Metallic outlet boxes for entry of conduits. If more than required number of knockouts are removed, the Metallic outlet box shall not be accepted.
67. Separate G.I. boxes shall be used for staircase light switches and bell push. Nothing extra shall be paid on this account.
68. Metal sheath of Co-axial T.V. cable shall be terminated using 'U' shape thimble/lugs/ferrules. Nothing extra shall be paid on this account.
69. To facilitate drawing of wires 16/18 SWG GI fish wire be provided along with laying of recessed conduit. Nothing extra shall be paid on this account.
70. Cable connection to switch gear is deemed to be included in the item of end termination. No extra payment shall be made for that.
71. The contractor is advised to visit the site of work to have an idea of the execution of the work; failure to do so shall not absolve their responsibility to do the work as specified in agreement.
72. The overall system shall be designed in such that if any monitoring system fails Data Center shall still be functional.
73. A continuous cooling system to be designed to provide a stable thermal environment for the critical IT equipment without any interruption meeting ASHRAE standards.
74. The design of the system should be such that it should be fault tolerant site infrastructure covering dual power for all IT equipment, complimentary system and distribution paths must be physically isolated from each other.
75. The successful bidder has to obtained all statutory approval including PESCO (Petroleum & safety organization) licence for fuel storage above 2000 ltrs and its subsequent renewal before the expiry of defect liability period.
76. Rates:
- 76.1 The work shall be treated as on works contract basis and the rates tendered shall be for complete items of work (except the materials, if any, stipulated for supply by the department) inclusive of all taxes (including works contract tax, if any), duties, and levies etc. and all charges for items contingent to the work, such as packing, forwarding, insurance, freight and delivery at site for the

materials to be supplied by the contractor, watch and ward of all materials (including those supplied by the department, if any) for the work at site etc.

76.2 Prices quoted shall be firm.

77. Taxes and Duties:

77.1 Rates are inclusive of GST and all other Taxes, duties, levies and royalties and nothing extra shall be payable to the contractor on account of this.

77.2 The GST at source shall be deducted from the bills of the contractor as applicable in at the time of payments.

78. Completeness of Tender: All sundry fittings, assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections as required, and all other sundry items which are useful and necessary for proper assembly and efficient working of the various components of the work shall be deemed to have been included in the tender, whether such items are specifically mentioned in the tender documents or not.

79. Works to be done by the contractor: Unless and otherwise mentioned in the tender documents, the following works shall be done by the contractor, and therefore their cost shall be deemed to be included in their tendered cost:- (i) Foundations for equipment and components where required, including foundations bolts. (ii) Cutting and making good all damages caused during installation and restoring the same to their original finish. (iii) Sealing of all floor openings provided by him for pipes and cables, from fire safety point of view, after laying of the same. (iv) Painting at site of all exposed metal surfaces of the installation other than prepainted items like fittings, fans, switchgear/distribution gear items, cubical switchboard etc. Damages to finished surfaces of these items while handling and erection, shall however be rectified to the satisfaction of the Engineer-in-Charge. (v) Testing and commissioning of completed installation. (vi) Storage space for all equipment, components and materials for the work.

80. Storage and Custody of Materials: The contractor has to make his own arrangement for the storage of the material at site & necessary watch and ward of the electrical installation during the execution of work till the same is handed over to the department. No extra payment will be made on this account. The storage space shall however be arranged by the department at site, if available. The main contractor shall arrange for proper storage of the electrical fans and fittings at site and that double lock system shall be arranged for the fans and fittings after receipt at site until the time they are taken for installation. The contractor shall however be responsible for proper storage and safe custody of the same till their installation and handing over to the department.

81. Electric Power Supply and Water Supply: Power and water supply will be arranged by the contractor at the site for installation purpose. However, for final testing purpose after complete installation of the electrical items, electricity supply will be made available free of cost to the contractor or the Contractor shall make his own arrangement by deploying necessary DG Sets. Contractor will take due care to ensure safety of electrical installation during execution of work.

82. Tools for handling and Erecting: All tools and tackles required for handling of equipment and materials at site of work as well as for their assembly and erection and also necessary test instruments shall be the responsibility of the contractor.

83. Payment Terms: Payment shall be made as per the relevant clauses of form PWD -EPC forming part of the tender documents.

84. Co-ordination with other agencies: The contractor shall co-ordinate with all other agencies involved in the building work so that the building work is not hampered due to delay in his work. Recessed conduit and other works, which directly affect the progress of building work, should be given priority.

85. Care of buildings: Care shall be taken by the contractor to avoid damage to the building during execution of his part of the work. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove, at his costs, all unwanted and waste materials arising out of his work, from the site.
86. Structural Alterations to Buildings: (i) No structural member in the building shall be damaged/altered, without prior approval from the competent authority through the Engineer-in-charge. (ii) Structural provisions like openings, cutouts, if any, provided by the department for the work, shall be used. Where these required modifications, or fresh provisions are required to be made, such contingent works shall be carried out by the contractor at his cost. (iii) All such openings in floors provided by the department shall be closed by the contractor after installing the cables/conduits/rising mains etc. as the case may be, by any suitable means as approved by the Engineer-in-charge without any extra payment. (iv) All chases required in connection with the electrical works shall be provided and filled by the contractor at his own cost to the original architectural finish of the buildings.
87. Addition to an installation: Any addition, temporary or permanent, to the existing/ Proposed electrical installation shall not be made without a properly worked out scheme/design by a qualified Electrical Engineer to ensure that such addition does not lead to overloading, safety violation of the existing/ Proposed system.
88. Work in occupied buildings: (i) When work is executed in occupied buildings, there would be minimum of inconvenience to the occupants. The work shall be programmed in consultation with the Engineer-in-charge and the occupying department. If so required, the work may have to be done even before and after the office hours. (ii) The contractor shall be responsible to abide by the regulations or restrictions set in regard to entry into, and movement within the premises. (iii) The contractor shall not tamper with any of the existing installations including their switching operations or connections there to without specific approval from the Engineer-in-charge.
89. Drawings: (i) The work shall be carried out in accordance with the drawings and the tender documents and also in accordance with modification thereto from time to time as approved by the Engineer-in-charge. (ii) All wiring diagrams shall be deemed to be 'Drawings' within the meaning of the term as used in Clause 11 of the conditions of contract (PWD 7 or PWD 8). They shall indicate the main switch board, the distribution boards (with circuit numbers controlled by them), the runs of various mains and sub mains and the position of all points with their controls. (iii) After award of the work, the firm will be required to submit the drawings for the proposed work including layout plan, conduit routes showing location of points and height etc. Work will be carried out as per the approved drawings before start of work.
90. Conformity to IE Act, IE Rules, and standards: 1.2. All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 1910 and Indian Electricity Rules, 1956 amended up to date (Date of call of tender unless specified otherwise). List of rules of particular importance to electrical installations under these General Specifications is given in Appendix C for reference.
91. General requirements of components: 1.3. Quality of material: All materials and equipment supplied by the contractor shall be new. They shall be of such design, size and materials as to satisfactorily function under the rated conditions of operation and to withstand the environmental conditions at site.
92. Inspection of materials and equipment:
- 92.1 Materials and equipment to be used in the work shall be inspected by Engineer-in-charge or his representative or both officers as required. Such inspection will be of following categories: (i) Inspection of materials / equipment to be witnessed at the Manufacturer's premises in accordance with relevant BIS /Agreement Inspection Procedure. (ii) To receive materials at site with Manufacturer's

Test Certificate(s) (iii) To inspect materials at the authorized dealer's go downs to ensure delivery of genuine materials at site. (iv) To receive materials after physical inspection at site.

92.2 Adequate care to ensure that only tested and genuine materials of proper quality are used in work shall be ensured by firm. The firm shall ensure that: (i) Material will be ordered & delivered at site only with the prior approval of the department to ensure timely delivery. (ii) As and when the order is placed for the fittings/ fixtures, cables, switchgears, poles, rising main, other main items etc., its copy shall be endorsed to the CPWD Engineer-in-charge. (iii) The firm will be required to procure material like exhaust fans, MCB's & DB's, switches & sockets, wires & cables, conduits and switchgears etc directly from the manufacturer/ authorized dealers to ensure genuineness & quality and as per the approved makes only. Proof in this regard shall be submitted by the contractor before installation at site to the department. (iv) Inspection at factory or at goodown of the manufacturer, as required, shall be arranged by the firm for a mutually agreed date. Certificate for genuineness of the fittings shall have to provided duly signed by the manufacturer's officer not below the rank of Regional Manager. (v) Delivery of material shall be taken up only with the consent of department, after clearance of the material. (vi) Department shall reserve the right to waive inspection in lieu of suitable test certificate, at its discretion. NOTE: The boarding lodging and travelling charges for such inspection shall be borne by the department on first instance, in case of failure of the test / non-satisfaction of the test by the department all such expenses shall have to borne by the agency for sub-sequent visit/inspection.

92.3 Similarly, for fabricated equipment, the contractor will first submit dimensional detailed drawings for approval before fabrication is taken up in the factory. Suitable stage inspection at factory also will be made to ensure proper use of materials, workmanship and quality control.

93. Ratings of components:

93.1 All components in a wiring installation shall be of appropriate ratings of voltage, current and frequency, as required at the respective sections of the electrical installations in which they are used.

93.2 All conductors, switches and accessories shall be of such size as to be capable of carrying the maximum current, which will normally flow through them, without their respective ratings being exceeded.

94. Conformity to standards:

94.1 All components shall confirm to relevant Indian Standard Specifications wherever existing. Materials with ISI certification mark shall be preferred.

94.2 Relevant Indian Standards including amendments or revisions thereof up to the date of tender acceptance shall be applicable in the respective contracts for respective items, firm to ensure its compliance.

95. Inter-changeability: Similar parts of all switches, lamp holders, distribution fuse boards, Switch gears, ceiling roses, brackets, pendants, fans and all other fittings of the same type shall be interchangeable in each installation.

96. Workmanship:

96.1 Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly and installation shall confirm to sound engineering practice.

96.2 Proper supervision/skilled workmen: The contractor shall be a licensed electrical contractor of appropriate class suitable for execution of the electrical work. He shall engage suitably skilled/licensed workmen of various categories for execution of work supervised by supervisors / Engineer of appropriate qualification and experience to ensure proper execution of work. They will carry out instruction of Engineer-in-charge and other senior officers of the Department during the progress of work.

- 96.3 Use of quality materials: Only quality materials of reputed make as specified in the tender will be used in work.
- 96.4 Fabrication in reputed workshop: Switch boards and LT panels shall be fabricated in a factory/workshop having modern facilities like quality fabrication, seven tank process, powder/epoxy paint plant, proper testing facilities, manned by qualified technical personnel. These shall be as per make / item approved.
97. Testing: All testes prescribed in this General Specification, to be done before, during and after installation, shall be carried out, and the test results shall be submitted to the Engineer-in-charge in prescribed Performa, forming part of the Completion Certificate.
98. Commissioning on completion: After the work is completed, it shall be ensured that the installation is tested and commissioned.
99. Completion plan and completion certificate:
 - 99.1 For all works completion certificate after completion of work shall be submitted to the Engineer-in-charge.
 - 99.2 Completion plan drawn to a suitable scale in A2 Sheet (It shall be laminated if desired by the Site- in-Charge) indicating the following, and three copies of the same shall also be submitted. (i) General layout of the building. (ii) Locations of main switchboard and distribution boards, indicating the circuit numbers controlled by them. (iii) Position of all points and their controls. (iv) Types of fittings, viz. fluorescent, pendants, brackets, bulk head, fans, exhaust fans etc. (v) Name of work, job number, tender reference, actual date of completion, names of Division/ Sub-division and name of the firm who executed the work with their signature. (vi) Cable layout showing general distribution diagram along with position of cable joints, if any.
100. Guarantees The installation will be handed over to the department after necessary testing and commissioning. The installation will be guaranteed against any defective design/workmanship. Similarly, the materials supplied by the contractor will be guaranteed against any manufacturing defect, inferior quality. The guarantee period will be for a period of 36 months from the date of handing over to the department. Installation/ equipment or components thereof shall be rectified/ repaired to the satisfaction of the Engineer-in-charge. The firm will be required to submit guarantee of material from the manufacturer to the department.
101. The tenderer is advised to read and examine the tender documents for the work and the set of drawings in the tender document and also available in office of Engineer-in-charge. He should himself inspect and examine the site and its surroundings before submitting his tender.
102. Separate conditions & specification and scope are included in this tender for each of the subhead. The contractor shall quote the amount/rates lump-sum in figure/percentage accurately in schedule of financial quote, as prescribed there.
103. The contractor(s) shall submit a detailed program of execution in accordance with the master programme/milestone within ten days from the date of issue of award letter.
104. All the E&M Items shall be brought at site only after the approval of TDS & physical sample of the item/equipment and same shall be preserved at site lab/sample room. The Test Report from OEM/Third Party/Both for each/any E&M item/equipment can be sought by the Engineer-in-Charge
105. The payment for the tests shall be borne by agency, and no reimbursement shall be made by the department. If the agency fails to submit the test reports from OEM/Third Party/Both for each/any E&M item/equipment as sought by the Engineer-in-Charge, then the department will get all the required tests done and the amount paid to the test agency by the department will be recovered from the contractor bill.

106. All works have to be executed as per specifications provided in the bid document, CPWD Specifications, National building Code 2016 (in case of difference, if any, stringent/higher specification of the two shall be followed) and ECBC 2017 Code. In absence of CPWD Specifications, IS Codes, National Building Code 2016 sound engineering practices shall be adopted as per order of precedence defined in the contract.
107. The scope of works & specifications is given in general but they are not exhaustive i.e. does not mention all the incidental works required to be carried out for complete execution of the item of work. The work shall be carried out, all in accordance with true intent and meaning of the specifications and the drawings taken together, regardless of whether the same may or may not be particularly shown on the drawings and /or described in the specification, provided that the same can be reasonably inferred there from.

सहायक अभियंता (वै०)यो.,
दिल्ली वैद्युत मंडल-101, के.लो.नि.वि.,
नार्थ ब्लॉक, नई दिल्ली।

कार्यपालक अभियंता(वै०),
दिल्ली वैद्युत मंडल-101, के.लो.नि.वि.,
नार्थ ब्लॉक, नई दिल्ली।

SCHEDULE OF WORK

Name of Work: MOEI and fans changover feeder pillar, security bell and electrical appliances at LKM Complex, New Delhi. (SH: Replacement of worn out Battery.)

S.No.	Description of Item	Qty.	Rate	Unit	Amount
Sub Head -I					
1	SITC of following capacity SMF storage batteries confirming to ISI of following specifications : Dry Charge, having two year warranty, container made out of Polypropylene, including connection, thimbling, replacement of damaged connector lead & connector, nut bolts, applying petroleum jelly i/c dismantling of existing old battery from the rack complete etc. as reqd.				
(a)	100 Ah, 12V	68 Nos.	11903.00	Each	809404.00
(b)	42 Ah, 12V	102 Nos.	5241.00	Each	534582.00
Total Sub Head -I					1343986.00
Sub Head II					
2	Credit for Following old defective dismantled SMF Batteries				
(a)	100 Ah, 12V	68 Nos.	1000.00	Each	68000.00
(b)	42 Ah, 12V	102 Nos.	500.00	Each	51000.00
Total Sub Head -II					119000.00
Grand Total Sub Head (I-II)					1224986.00

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