

**GOVERNMENT OF INDIA
OFFICE OF
DELHI ELECTRICAL DIVISION - 21
CENTRAL P.W.D., NEW DELHI.
NOTICE INVITING TENDER**

N.I.T. No.: 178/EE(E)/DED-21/2026-27

NAME OF WORK: (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)

ESTIMATED COST
PUT TO TENDER:

₹ 55,46,673/-

ELECTRICAL WORK:

₹ 33,04,068/-

CIVIL WORK:

₹ 20,37,660/-

HORTICULTURE WORK:

₹ 2,04,945/-

EARNEST MONEY:

₹ 1,10,933/-

TIME ALLOWED:

03 Months

Assistant Engineer (P) E
Delhi Electrical Division-21
CPWD, I.P. Bhawan
New Delhi

Executive Engineer (E)
Delhi Electrical Division-21
CPWD, I.P. Bhawan,
New Delhi

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Name of work: (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)

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Assistant Engineer (P) E
DED-21, CPWD,
I.P. Bhawan, New Delhi

This N.I.T. is approved for ₹ 55,46,673/-

NIT No. 178/EE (E)/DED-21/2026-27

Executive Engineer (E)
DED-21, CPWD,
I.P. Bhawan, New Delhi

CHECK LIST FOR BIDDERS FOR SUBMISSION OF BIDS

- 1 The bidder should read all the instructions, items & conditions, contract clauses, nomenclature of items, specifications etc., contained in the bids document very carefully, before quoting the rates.
- 2 The bidder should also read the Applicable GCC is Maintenance Works 2023 as modified & corrected upto previous day of the last date of submission of the tender.
- 3 The bidder shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and nothing extra shall be payable unless otherwise specified.
- 4 The bidder shall have to make his own arrangement for housing facilities for staff and labour away from construction site and shall have to transport the labour to and fro between construction site and labour camp at his own cost. No labour huts will be allowed to be constructed at the project site except a few temporary sheds for chowkidars and storekeepers at project site. Any decision in this regard shall rest with the Engineer-in-charge and the contractor shall have no claim on this account.
- 5 The bidder should read the specification and special condition and additional conditions etc.
- 6 The work required to be executed in occupied building. The bidder shall take precaution to ensure quality of workmanship as well as the progress of the work. He shall regulate the labour accordingly.
- 7 The bidder shall make environment friendly arrangement for disposal of dismantle/waste materials from upper floors.
- 8 **C.P.W.D Contractor's Labour Regulations:**
Payment of Wages (as per DG, CPWD OM no. DG/SE/CM/CON/283 dated 05.05.2015)
 (i). Wages due to every worker shall be paid to him direct by contractor through Bank or ECS or online transfer to his bank account.
 (ii) All wages shall be paid through bank or ECS or online transfer.
 (iii) It shall be the duty of the contractor to ensure the disbursement of wages through bank account of labour
 (iv) The contractor shall obtain from the junior Engineer or any other authorized representative of the Engineer-in-Charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage cum-Muster Roll" as the case may be in the following form:-

“Certified that the amount shown in column No.....has been paid to the workman concerned through bank account of labouron.....at.....”

9 Modifications as per DG, CPWD OM no. DG/SE/CM/CON/285 dated 04/06/2015:-

- a. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registration or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW welfare board and program chart(time and progress) within the period specified in schedule ‘F’ .
- b. As per recently introduced clause 7A, no running account bill shall be paid for the work till the applicable labour license, registration with EPFO, ESIC and BOCW welfare board whatever applicable are submitted by the contractor to the Engineer-in-charge.
- c. The contractor shall also comply with provision of the interstate migrant workman (regulation of employment) and condition of service Act 1979.

PART-A

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING

The Executive Engineer (E), DED-21, CPWD, IP Bhawan, New Delhi (Ph. No. 011-23370815) on behalf of President of India invites online percentage rate bids **from CPWD approved and eligible contractors in Buildings & Roads category of appropriate class** for the following work:-

Sl. No.	NIT No.	Name of work & Location	Estimate Cost put to bid	Earnest Money	Period of completion	Last date & time of submission of bid and other Document as specified in the nit	Time & date of opening of eligibility criteria
1	2	3	4	5	6	7	8
1	178/EE(E)/DED-21/2026-27	(A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)	Electrical work: ₹ 55,46,673/- Civil work: ₹ 33,04,068/- Horticulture work: ₹ 20,37,660/- work: ₹ 2,04,945/-	₹ 1,10,933/-	03 Months	Up to 02.59 PM On 16.10.2026	at 03.00 PM on 16.10.2026

Note:- The comprehensive maintenance i/c replacement of parts/equipments of the DG Set, Audio Visual Equipments & VRV/ VRF System shall be got done only from the manufacturer / OEM /Authorized dealer installed at site for which Buildings & Roads category Contractor will associate the manufacturer / OEM /Authorized dealer. MoU between B&R Contractor and manufacturer / OEM /Authorized dealer shall submit along with the performance guarantee after the acceptance of his bid/tender.

- 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.
- This information and Instructions for bidders posted on website shall form of bid document.
- 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 <http://www.etender.cpwd.gov.in> or cpwd.gov.in free of cost.
- 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 (E), 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 (E), ED-IV 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.
- 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 <http://eternder.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 <http://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. Contract 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.

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

- I. Insurance Surety Bonds, Demand Draft/Account Payee Banker's Cheque/FDR/Bank Guarantee of any commercial bank against EMD (**drawn in favour of Executive Engineer (E), ED-IV, CPWD, New Delhi**)
- II. Receipt for deposition of original EMD issued from division office of any Executive Engineer, (including NIT issuing EE/AE/AAO), CPWD
- III. Enlistment Order of the Contractor
- IV. Undertaking as per Annexure C (Page No. 36)
- V. GST registration certificate, if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.
"If works is awarded to me, I/we shall obtain GST registration certificate, **as applicable**, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard."
- VI. **ERP training Certificate. (Note: The contractor will not be allowed to participate in the tendering process without uploading the certificate of ERP training w.e.f. 01.07.2024.)**
- VII. The tender of the agency shall be opened on uploading of valid electrical license from competent authority in the name of the contractor or the Undertaking regarding the same. The contractor shall be allowed to participate in the tender with an Undertaking that they will either obtained valid electrical license at the time of execution of electrical work or associate contractors having valid electrical license of eligible class.

Note:

1. **The lowest contractor will submit the details of workers along with necessary documents like name, designation, work experience, qualification, duty chart (which is required as per NIT Criteria) along with the performance guarantee after the acceptance of his tender.**
2. **The agency will procure materials from OEM/ Authorized dealer during agreement period and tax paid invoice duly verified by the JE (E)/ AE (E) will be submitted along with Bill.**
3. **Material shall be supplied within 15 days at site after award of work otherwise action may be initiated as per CPWD terms & condition norms.**
4. **Prior approval of make has to be taken from competent authority before supply of material.**

Executive Engineer (E)
DED-21, CPWD,
New Delhi.

CPWD-6 FOR E-TENDERING

1. Online **Percentage Rate Bids** are invited on behalf of the President of India **from CPWD approved and eligible contractors in Buildings & Roads category of appropriate class** for the following work of: **"Name of Work - (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Work attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)"**

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

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

- 1.1 The work is estimated to cost **₹ 55,46,673/- (Electrical work: ₹ 33,04,068/- + Civil work: ₹ 20,37,660/- + Horticulture work: ₹ 2,04,945/-)**. 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.~~

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

Criteria of eligibility for submission of bid documents

- 1.2.1 ~~Conditions for Non-CPWD 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 costing not less than `..... or two similar works each costing not less than `.....or one similar work costing not less than `..... Similar work shall mean works of "....." 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 previous day of last day of submission of bids.~~
- (ii) ~~For EPC tenders under Mode I / II only (Applicable for CPWD enlisted contractors of appropriate class also)~~
- (iii) ~~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.~~

~~1.2.2 Criteria of eligibility for CPWD as well as non-CPWD contractors;~~

~~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.~~

~~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).~~

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

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

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

~~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 **03 Month** 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

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

(ii) The architectural and structural drawing for the work is available or

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 bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance surety bonds, Account Payee Demand Draft or Bankers Cheque or Fixed Deposit Receipts or/ and Bank guarantee (for balance amount as prescribed) from any of the commercial Bank (drawn in favour of **Executive Engineer (E), ED-IV, CPWD, New Delhi**) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (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 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.
The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.
Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at **03:00 PM on 16.10.2026**

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 biddocument.

- 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 @ 5% of the Estimated Cost put to tender (ECPT) or Contract Amount whichever is higher and additional PG as per DG/Manual/2024/20, Dated:-27/02/2026** as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, 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:-“(A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Work attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.).”** 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 bidder 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 bidder 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 bid in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder 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 to rejection.

15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidder 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 previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the Bid or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of **30 days** from the date of opening of 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 of 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 Tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - (a) The notice inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard **C.P.W.D Form 7** (or other Standard C.P.W.D. Form as applicable)

20. For Composite Bids

~~20.1.1 The Executive Engineer in charge of the major component will call tenders for the composite work. The cost of bid document and earnest money will be fixed with respect to the combined estimated cost put to bid for the composite bid.~~

~~20.1.2 The bid document will include following three components:~~

~~**Part A:** CPWD-6, CPWD-7 including schedule A to F for the major component of the work, standard general conditions of **contract for maintenance works 2020** 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 (SE/EE in charge of major component shall also be competent authority under clause 2 and clause 5 as mentioned in~~

~~schedule A to F for major components) General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.~~

- ~~20.1.3 The bidder must associate with himself, with agencies as per NIT conditions~~
- ~~20.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~
- ~~20.1.5 After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EE's in charge of minor components. One such signed set of agreement shall be handed over to EE in charge of minor component. EE of major component will operate part A and part B of the agreement. EE in charge of minor component(s) shall operate Part C along with Part A of the agreement.~~
- ~~20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.~~
- ~~20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The Earnest Money will become part of the security deposit of the major components of work.~~
- ~~20.1.8 The main contractor has to associate agency(s) for specialized components(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 minor component. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.~~
- ~~20.1.10 The main contractor has to enter into MOU with agencyr(s) associated by him). Copy of such MOU shall be submitted to EE/DDH in charge of each relevant component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into MOU with the new contractor associated by him.~~
- ~~20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer in charge of the discipline of minor component directly to the main contractor.~~
- ~~20.1.12A. The Composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer in charge of major component after record of completion certificate of all other components.~~
- ~~20.1.12B. Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~
- ~~21. **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/Assistant Engineer (Phone No.011-23370815, 8559936761 e-mail id ~~deleeeed~~4.cpwd@nic.in, ediv_cpwd@yahoo.com or ERP help line No. 18001803286 or e-mail id CPWD.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid their own interest.**

Executive Engineer (E)
DED-21
CPWD, New Delhi

INFORMATION AND INSTRUCTION FOR EXECUTIVE ENGINEER FOR E-TENDERING

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

FORMAT FOR RECEIPT

Receipt of deposition of original EMD (Receipt No. _____ Date _____)
Name of work : “(A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Work attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2025-26. (SH: Hort. Works including Comprehensive maintenance for 3 months.)” 1. NIT No. : 178/EE (E)/DED-21/2026-27 2. Estimated Cost: ₹ 55,46,673/- (Electrical work: ₹ 33,04,068/- + Civil work: ₹ 20,37,660/- + Horticulture work: ₹ 2,04,945/-) 3. Amount of Earnest Money Deposit: ₹ 1,10,933/- 4. Last date of submission of bid 16.10.2026 upto 02.59PM (*To be filled by NIT approving authority/ EE at the time of issue of NIT and uploaded along with NIT)
1. Name of contractor -----# 2. Form of EMD -----# 3. Amount of Earnest Money Deposit -----# 4. Date of submission of EMD-----# 5. Mobile No. -----# Signature, Name and Designation of EMD Receiving officer (EE/AE(P)/AE/AAO) Along with office stamp #To be filled by EMD receiving E.E.

3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P)/AE/AAO.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (www.tenderwizard.com>tender free view>advance search>awarded tenders) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

के.लो.नि.वि./C.P.W.D.-7

भारत सरकार GOVERNMENT OF INDIA
केन्द्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT

राज्यSTATE :- New Delhi.

परिमंडल CIRCLE:- Delhi Circle-II

शाखाBRANCH :- B & R

मंडल DIVISION :- DED-21

ADG (D)

सिविल कार्यों के लिए प्रतिशत दर निविदा एवं संविदा
Percentage Rate Bids & Contract Works

(A) कार्य के लिए निविदा :Tender for the work of :--

Name of Work: (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Work attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)

(i) To be submitted /uploaded at www.etender.cpwd.gov.in **By 02.59 PM on 16.10.2026**

(ii) To be opened on line in presence of tenders who may be present at **03.00 PM on 16.10.2026** in the office of Executive Engineer, DED-21, CPWD, New Delhi.

Issued to Tender document made available

Online to the agency.

Signature of the Officer issuing the documents.

Online uploading authority

Designation: Executive Engineer, DED-21, CPWD

Date of issue.....

As per NIT

निविदा TENDER

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

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F. Specifications applicable. Drawings & Designs, General Rules and Directions, Conditions of Contract, clause 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 documents for the work.

मैं/हम, एतद्वारा भारत के राष्ट्रपति के लिए अनुसूची 'च' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य, यथा—मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देशों, डिजाइनों, नक्शों के अनुरूप तथा सामान्य नियमावली के नियम-1 और ठेके की शर्तों के खंड-11 में उल्लिखित लिखित अनुदेशों एवं ऐसी सामग्रियों, जो प्रदान की जाती है और उसके संबंध में, ऐसी शर्तें जो लागू हों, के अनुरूप निष्पादन हेतु निविदा देता हूँ/देते हैं।

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

हम निविदा को, इसके खोले जाने की अन्तिम तारीख से **30 दिन (तीसदिन)** के लिए खुला रखने तथा इसकी शर्तों एवं निबंधनों में किसी प्रकार का परिवर्तन न करने के लिए सहमत हैं।

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

रु0की धनराशि, धरोहर राशि के रूप में नकद/देजरी चालान रसीद/अनुसूचित बैंक की माँग जमा रसीद/अनुसूचित बैंक की सावधी जमा रसीद/ अनुसूचित बैंक के डिमांड ड्राफ्ट/अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में एतद्वारा अग्रेषित की जाती है। यदि मैं/ हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्रस्तुत करने में असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के उक्त राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकारी या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिए पूर्णतया स्वतंत्र होंगे। इसके अलावा, यदि मैं/हम विनिर्दिष्ट कार्य प्रारम्भ करने के असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि, तथा निष्पादन गारंटी जब्त करने के लिए पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'च' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खण्डों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूति—निक्षेप के रूप में रोक ली जायेगी। इसके अतिरिक्त मैं/हम सहमत हैं कि बयाना राशि या बयाना राशि तथा उपर्युक्त निष्पादन गारंटी जब्त हो जाने के मामले में मुझे/हमें कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।

A sum of **₹ 1,10,933/-** is here by forwarded in Cash /Receipt Treasury Challan /Deposit at call Receipt of a Scheduled Bank /fixed deposit receipt of schedule bank/demand draft of a Scheduled bank/Bank Guarantee issued by a schedule bank, as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period. I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money 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 work, the Engineer-in-charge shall be free to forfeit the entire amount of earnest money deposited/performance guarantee.

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

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

तारीख Dated

ठेकेदार के हस्ताक्षर Signature of Contractor
डाक पता Postal Address #

साक्षी Witness : #

पता Address: #

उपजीविका Occupation : #

स्वीकृति / ACCEPTANCE

मैं भारत के राष्ट्रपति की ओर से तथा उनके लिए रु 0 :- * (रुपए *

.....) की राशि के लिए उपर्युक्त निविदा (अधोलिखित पत्रों के अनुसार परिवर्तित) स्वीकार करता हूँ।

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

(Rupees *)

नीचे दिए गए पत्र इस ठेका करार का हिस्सा होंगे।

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

i) *

ii) *

iii) *

भारत के राष्ट्रपति की ओर से तथा उनके लिए
For & on behalf of the President of India.
हस्ताक्षर Signature

तारीख Dated *

पदनाम Designation

* To be filled in by EE

To be filled by the contractor

PART-B

(Electrical Work)

MAJOR COMPONENT

-----**BLANK**-----

सिविल कार्यों की अनुसूचियां

SCHEDULES FOR ELECTRICAL WORKS**SCHEDULE 'A'**

Schedule of quantities (as per PWD-3) : Pages – 52 – 54

SCHEDULE 'D'

Extra Schedule for specific requirements /documents for the work, if any

SCHEDULE 'E'

Refrence to General Conditions of contract	Applicable GCC is Maintenance Works 2023 as modified & corrected upto previous day of the last date of submission of the tender.
Name of work:	(A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachchta Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)
Estimated cost of work:	₹ 55,46,673/- (Electrical work: ₹ 33,04,068/- + Civil work: ₹ 20,37,660/- + Horticulture work: ₹ 2,04,945/-)
(i) Earnest money:	₹ 1,10,933/-
(ii) Performance guarantee :	5% of tendered value
(iii) Security Deposit:	2.5% tendered value of the work
SCHEDULE 'F'	
General Rules & Directions:	Applicable GCC is Maintenance Works 2023 as modified & corrected upto previous day of the last date of submission of the tender.
Officer inviting tender -	Executive Engineer (E), DED-21, CPWD, New Delhi
Definitions:	
2(vi) Engineer-in-Charge	Executive Engineer (E), DED-21, CPWD, New Delhi
2(viii) Accepting Authority	As per delegation of financial power
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	15%
2(x) (b) Standard schedule of Rates:	DSR (E&M) 2025 for Electrical works with the amendments there to issued previous day of the last date of submission of the tender.
2(xi) Department	Central Public Works Department
9(ii) Standard CPWD contract Form General Conditions of Contract Maintenance Works 2023, CPWD Form 7/ 8.	Standard CPWD contract Form General Conditions of Contract Maintenance Works 2023, CPWD Form 7/ 8 as modified & corrected upto previous day of the last date of submission of the tender.

CLAUSE 1	
i) Time allowed for submission of Performance Guarantee, Programme chart(Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance, in days	07 Days
(iii) Maximum allowable extension with late @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	3 Days (from 8 days to 10 days)
CLAUSE 2	
Authority for fixing Compensation under clause 2	Superintending Engineer, DC-II, CPWD, I.P. Bhawan, New Delhi
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	07 Days

Authority to decide :	
Time allowed for execution of work	03 Month
(i) Extension of time	Executive Engineer (E), DED-21
(ii) Rescheduling of mile stone	Superintending Engineer, Delhi Circle-II
(iii) Shifting of date of start in case of delay in handing over of site	Superintending Engineer, Delhi Circle-II

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	Site is Available in parts.	
Part B	Portions with encumbrances		
Part C	Portions dependent on work of other agencies		

CLAUSE 5	
Applicable clause 5/ Clause 5A	Clause 5
CLAUSE 6/6A/EMB Whether applicable	Electronic Measurement Book (EMB) through CPWD ERP Portal & modified as per OM No. DG/CON/Maintenance 2023/19 Dated 25.03.2026
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	
CLAUSE 7A	
(a) No Running Account Bill/ Final Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge. (b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:- 1. Details of person employed with date of their employment up to previous month. 2. Documents of payment made to the employees directly into their bank accounts up to previous month. 3. Documents of attendance through biometric attendance or other mode up to previous month. 4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month. 5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.	Yes

6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge.	
(c) In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.	
CLAUSE 7B for construction/EPC/Maintenance works for payment to third party	Yes
CLAUSE 10A	
List of testing equipment to be provided by the contractor at site lab. 1. 2..... 3..... 4..... 5..... 6.....	
CLAUSE 10 (B) (ii)	
Whether clause 10 B(i) shall be applicable	Yes/ No
CLAUSE 10C	
Component of labour expressed as percent of value of work :	25%
CLAUSE 10CC Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column.	12 Months
CLAUSE 11	
Specifications to be followed for execution of work	CPWD specifications of electrical works, Part-I (Internal)-2023, (External)-2023, Part-III, Lift & Escalators - 2003, Part -IV (substation)-2013, Part-VII (DG sets)-2013, Part-V (wet riser & sprinkler system) 2020, Part-VI (Fire Detection and Alarm System) 2018, HVAC works 2017 and any other relevant amended up to date
TYPE OF WORK :	MAINTENANCE WORK
CLAUSE 12	
Deviations	The completion cost shall, in no case, exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-Charge before taking up extra item(s), deviation(s) so -that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid. Engineer-in-Charge will verify and confirm the alerts before assigning deviation(s) and / or extra item(s) to the contractor. If additional work(s) is required to complete defined scope of work beyond above limit then Engineer-in Charge may take up such work(s) separately. The contractor will not have any claim(s) whatsoever on this account.
Clause 12.2 & 12.3 Deviation limit beyond, which clause 12.2 & 12.3 shall apply:	No Limit
CLAUSE 16 Competent authority for deciding reduced rates	SE, DC-II, CPWD New Delhi; upto 5% of the contract value & exceeding with prior approval of ADG (D).

CLAUSE 18		
List of mandatory machinery, tools & plants to be deployed by the contractor at site: (As Applicable) As per actually required at site and shall be arranged by the contractor		
-----As per direction of Engineer-in-charge-----		
Clause 19C	authority to decide penalty for each default	Engineer-in-charge
Clause 19D	authority to decide penalty for each default	Engineer-in-charge
Clause 19G	authority to decide penalty for each default	Engineer-in-charge
Clause 19K	authority to decide penalty for each default	Engineer-in-charge
CLAUSE 25	(i) Conciliter - Additional Director General (RD) (ii) Arbitrator Appointing Authority - Superintending Engineer, DC-II (iii) Place of Arbitration - New Delhi.	

CLAUSE 32**Requirement of Technical Representative(s) and Recovery Rate**

S.No	Requirement of Technical		Minimum experience (Years)	Designation Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling
	Qualification	Number			
1	Graduate Engineer or Diploma Engineer	1 No.	2 or 5 respectively	Project Manager Cum Planning/ Quality / Site/billing Engineer	Rs. 15000/- (Rupees Fifteen Thousand only) Per month per person

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

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 conditions that such diploma holders should not exceed 50% of requirement of degree engineers.

Note : Integrity Pact shall be valid for the work of more than 300 Crores

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (Date) for the construction of (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this day of20.....
THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor, OR
 - (c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor, OR
 - (d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge **either** up to the above amount **or part thereof** upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE
WITNESS

SIGNATURE OF THE BANK
SEAL
(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender

(On Non-judicial stamp paper of minimum Rs. 100/-)

(Guarantee offered by Bank to CPWD in connection with the execution of contract)

**Form of Bank Guarantee for Earnest Money Deposit /Peformance
Guarantee/ Security Deposit/ Mobilization Advance**

1. Whereas the Executive Engineer..... (name of division)CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under(NIT Number)dated.....for.....(name of work)..... The Government has further agreed to accept irrevocable Bank Guarantee for Rs..... (Rupees.....only) valid upto.....(date)*..... as Earnest Money deposit from.....(name and address of contractor)(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.
2. We, (indicate the name of bank)(herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees.....only) on demand by the Government within 10 days of the demand.
3. We,(indicate the name of the Bank)....., do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....only).
4. We,(indicate the name of Bank)....., further undertake to pay the government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under the contractor shall have no claim against us for making such payment.
5. We,.....(indicate the name of Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from

our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We,..... (indicate the name of the Bank)....., further agree that the Government at its option shall entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the government may have in relation to the contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor.
8. We,(indicate the name of the Bank)....., undertake not to revoke this guarantee except with the consent of the government in writing.
9. This Bank Guarantee shall be valid upto..... unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.....(Rupees.....only) and unless in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date.....

Witness.:

1. Signature
Name and Address
2. Signature.....
Name and address

Authorized signatory
Name
Designation
Staff Code No.
Bank seal

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

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

CONDITIONS FOR ENGAGEMENT OF ASSOCIATED AGENCIES FOR E&M WORKS

1. The lowest tenderer have to submit electrical contractor license and experience certificate issued by competent authority within two weeks of award of work in case he himself is eligible for carrying internal EI & other specialized E&M work as per eligibility criteria, then he will associate specialized agencies as per eligibility criteria. The main contractor shall submit the details of such specialized agencies to be associated in **Annexure-A** within two weeks of award of work. Following documents for association of electrical contractors for internal EI work or other specialized E&M Works shall be submitted by main contractor to the **Executive Engineer (E), DED-21, CPWD, IP Bhawan, New Delhi** for deciding the eligibility:-
 - A. **Willingness from an eligible electrical contractors/specialized agency to get associated with the applicant for execution of the electrical component of works as per the conditions set out in the MOU as per the proforma given in Annexure-A to be signed between the contractor and the associated eligible electrical contractor/ specialized agency.**
 - B. **For association of Electrical contractor for electrical works:-**
 - (i) Copy of their registration documents with CPWD (if applicable)
 - (ii) Copy of Electrical Contractor's License issued by competent authority
 - (iii) Copy of Goods and Service Tax (GST) Registration
 - (iv) Copy of ESIC and EPF Registration.

OR

For association of Electrical contractor for specialized E&M works :-

 - (i) Copy of Completion Certificate as per eligibility criteria & Form 16A/26AS.
 - (ii) Copy of Goods and Service Tax (GST) Registration
 - (iii) Copy of ESIC and EPF Registration.

(Copy of all above documents will be self attested by the main agency and associated agency.)

 - C. MOU signed on Rs. 100/- with eligible electrical contractor/specialized agency meeting the eligibility criteria and same as specified for specialized works. The MOU in the enclosed form as per **Annexure-B** shall be signed by both the parties i.e. contractor as 1st party and associated electrical contractor as 2nd party.
2. In the event of the concerned E&M agency not performing satisfactorily or failure of associate to complete the E&M work, the contractor on the written direction of the department, shall remove the Associate deployed on the work and shall submit name of new associate who fulfill the conditions mentioned in NIT to execute the leftover work without any loss of time or variation in cost to the department in this regard. Contractor shall meet all the guarantee for the equipments already supplied for which payment has been released by the Deptt. in part. If any equipment supplied for the work, during the currency of the earlier Associate and paid partly by the Deptt., becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the contractor shall be liable for replacement of the equipment(s) at no cost to Department. No change of Associated Electrical Contractor /Specialized Agency will be allowed without prior approval of the **Executive Engineer (E), DED-21, CPWD, IP**

Bhawan, New Delhi.

3. The contractor/ specialized agency shall be responsible and liable for proper and complete execution of the Electrical work and ensure coordination and completion of both civil and electrical work.
4. The associate contractor/specialized agency along with contractor shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.
5. The associate or contractor/specialized agency shall sign a tripartite Agreement/Contract along with the main tenderer and the departmental officer, for technical compliance of specification, guarantee etc.
6. The associate or contractor/ specialized agency shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.

Contractor's signature

Annexure-A**WILLINGNESS CERTIFICATE**

Name of work : (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Work attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)

I hereby give my willingness to work as Associate Specialized Agency for electrical component of the above mentioned work.

I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer-in-Charge. Also I will engage full time technically qualified supervisor/engineer for the works. I will attend inspection of officers of the department as and when required.

Dated:

Signature of the Associate Specialized Agency

Annexure-B**MEMORANDUM OF UNDERSTANDING ON RS. 100/- NON-JUDICIAL STAMP**

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

Between

M/s _____ (Main Contractor) having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assigns.

And

M/s _____ (Associate contractor) registered in CPWD as class:

_____ Electrical contractor and having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assign.

Whereas, the Central Public Work Department, have issued tender papers to quote for the following work to M/s (Main Contractor).

Name of work : (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachhata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.)

Whereas, This Memorandum of Understanding has been entered into to execute the above work by the Main Contractor and Associate Contractor.

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

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

Now, therefore it is agreed between the parties here to as follows :-

- 1 The associated electrical contractor shall completely execute, perform and do all the works mentioned and described in the main agreement for its electrical components according to the specifications, terms and conditions etc. of the main agreement.
- 2 The associated electrical contractor shall execute and complete the works in all respect up to full satisfaction of the CPWD officers and attend to them during their inspection at site, meetings etc., whenever required by the CPWD officers.
- 3 The cost of electrical works executed by the associated electrical contractor will include the cost of all the materials, accessories, equipments, tools & plants, laborers technical persons required etc. in all respect.
- 4 The associated electrical contractor is responsible for getting recorded measurements and preparation, submissions & pursuance of payment of the bills of the work done for electrical portion of the main agreement.
- 5 **The rate will be as per the schedule enclosed.**
- 6 The Quantity will be as per actual measurement as received from CPWD to main contractor and the rate will be as per the mutually agreed.
- 7 The payment to associate contractor will be released after the payment to main contractor is made by the CPWD.
- 8 The technical staff required for the associate discipline shall be of associate contractor.

- 9 The guarantee of the installation after the completion of the work shall be responsibility of the associate electrical contractor as required by the CPWD.
- 10 Either party shall not repudiate the contract in mid way without the consent of each other. Otherwise it will be treated as breach of agreement for any reason whatsoever.
- 11 The main agency shall be solely responsible for deferment & rescheduling of each milestone fixed as per contract documents and in such eventuality, the consequences arising out of the same rests on main agency.
- 12 The main contractor only shall be responsible for getting extension of delay regularized and liability what so ever flowing out shall lies with them. There shall be no direct or indirect impact on associate contractor.
- 13 TDS shall be deducted by the main contractor as per Income Tax law from associated agency. In case liability of tax other than Income Tax (Such as vat, service tax, or any other mechanism formed) is levied on associated contractor then the main agency will reimburse it in full to associated agency.
- 14 For the items such as extra items, substitute items and new items other than the items of main agreement, if any incorporated in the work, and then the main contractor shall pay the full amount so approved to the associate contractor.
- 15 In case main contractor delays the payment to associated contractor after the payment is released by department to the main contractor then on receipt of delay in payment from associate contractor the CPWD shall directly make the payment to associated contractor.
- 16 The main contractor shall at their cost provide necessary requisite arrangement for storage of material.
- 17 Sand & cement used in the electrical work shall be provide by main contractor.
- 18 Security Deposit as deducted by the CPWD will be reimbursed by main contractor to associate contractor. However associated electrical contractor will deposit 2½% of Agreement amount of **Rs. (.....)** in shape of FDR towards S/D to be retained by main contractor which will refunded to electrical contractor after completion of electrical work.
- 19 The Income tax, Commercial tax and labour cess tax deducted by the CPWD from the bills of electrical work shall be reimbursed by the main contractor in favour of the associated electrical contractor accordingly.

In witness whereof we have put our hand seal on date_____.

Enclose: - Schedule of rates.

Signature
(Associate Contractor)
Address:_____

Signature
(Main Contractor)
Address:_____

ANNEXURE-C**UNDERTAKING****(TO BE SUBMITTED ALONGWITH BID SUBMISSION)**

Name of Work: (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months. (B) Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi. (C) M/o Hort. Wotk attached to Rashtriya Swachchta Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi during 2026-27. (SH: Hort. Works including Comprehensive maintenance for 3 months.).

NIT No. : 178/EE(E)/DED-21/2026-27

I/We, Mr./Mrs/Ms..... (Name) from Firm/Company..... (Firm/Company name) hereby undertook that if I / We happen to be successful bidder then I / We shall submit the MoU with manufacturer / OEM /Authorized dealer for comprehensive maintenance i/c replacement of parts/equipments of the DG Set, Audio Visual Equipments & VRV/ VRF System along with the submission of Performance Guarantee (P.G) failing which CPWD may take action equivalent to non submission of P.G.

Dated:

Signature of Company/Firm Stamp

TERMS AND CONDITIONS FOR INTERNAL AND EXTERNAL ELECTRICAL WORKS

General Commercial & Technical Conditions:

- 1.0 All the works shall be carried out as per CPWD specifications of electrical works, Part-I (Internal)-2023, (External)-2023, Part –IV (substation)-2013, Part-VII (DG sets)-2013, Part-V (wet riser & sprinkler system) 2020, Part-VI (Fire Detection and Alarm System) 2018, HVAC works 2017 and any other relevant amended up to date and should also comply with relevant provisions of the Indian Electricity Rules and Acts as applicable, amended up to date.
- 2.0 The contractor is advised to visit the site of work to have an idea of the execution of work; failure to do so shall not absolve their responsibility to do the work as specified in agreement.
- 3.0 **Rates:**
- 3.1. 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
- 3.2. Prices quoted shall be firm.
- 4.0 **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 equipments 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 pre-Painted, items like fittings, fans, switchgear / distribution gear items, cubicle switch board 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 equipments, components and materials for the work.
- 5.0 **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.
- 6.0 **Electric Power Supply and Water Supply:**
Power and water supply will be arranged by the contractor at the site for installation purpose. However, for testing purpose after complete installation of the electrical items, electricity supply will be made available free of cost to the contractor. Contractor will take due care to ensure safety of electrical installation during execution of work.
- 7.0 **Tools for handling and Erecting:**
All tools and tackles required for handling of equipments 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.

8.0 TERMS OF PAYMENTS

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.

- (i) 70% after initial inspection and delivery at site in good condition of pro-rata basis.
- (ii) 20% after completion of installation in all respects.
- (iii) Balance 10% will be paid after testing, commissioning trial run and handing over to the department for beneficial use.

9.0 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.

9.1. 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.

10.0 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.

11.0 Addition to an installation:

Any addition, temporary or permanent, to the existing 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 system.

12.0 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.

13.0 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). 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) All circuits shall be indicated and numbered in the wiring diagram and the points shall be given the same number as the circuit to which they are electrically connected.
- (iv) After award of the work, the firm will be required to submit the drawings for the proposed work including layout plan, conduit routes etc. Work will be carried out as per the approved drawings.

14.0 Conformity to IE act, IE Rules, and standards:

- 14.1. 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.

15.0 General requirements of components:

- 15.1. **Quality of material:** All materials and equipments 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.

16.0 Inspection of materials and equipments:

- 16.1. Materials and equipments to be used in the work shall be inspected by the departmental officers. Such inspection will be of following categories:
 - (i) Inspection of materials / equipments 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.
- 16.2. 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 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 if required by the department.
 - (iv) Inspection at factory or at go down 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.
- 16.3. Similarly, for fabricated equipments, 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.

17.0 Ratings of components:

- 17.1. 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.
- 17.2. 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.

18.0 Conformity to standards:

- 18.1. All components shall conform to relevant Indian Standard Specifications wherever existing. Materials with ISI certification mark shall be preferred.

- 18.2. 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.
- 19.0 **Interchangeability:**
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.
- 20.0 **Workmanship:**
- 20.1. Good workmanship is an essential requirement to be complied with. The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.
- 20.2. 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.
- 20.3. Use of quality materials: Only quality materials of reputed make as specified in the tender will be used in work.
- 20.4. 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.
- 21.0 **Testing:**
All tests 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 and all Expenditure to be incurred for testing of samples e.g. cost of samples, packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. The lab shall be approved by the ADG/SDG only.
- 22.0 **Commissioning on completion:**
After the work is completed, it shall be ensured that the installation is tested and commissioned.
- 23.0 **Completion plan and completion certificate:**
- 23.1. For all works completion certificate after completion of work as given in Appendix –E of CPWD Specification shall be submitted to the Engineer-in-charge.
- 23.2. Completion plan drawn to a suitable scale in tracing cloth with ink indicating the following, along with three blue print 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.
- 24.0 **Guarantee**
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 12 months from the date of handing over to the department. Installation/ equipments or components thereof shall be rectified/ repaired to the satisfaction of the Engineer-in-charge. The firm will be required to submit guarantee of fans and fittings from the manufacturer to the department.

25. **Supply of fittings, fixtures & other material:**

The procurement of material for the works will be programmed as per the progress of work in consultation with Engineer-in-Charge. The firm will be required to submit a detailed programme and prior to the procurement will seek approval of the department. The direction of the department regarding timing & necessity of getting such material will be final & binding on the firm.

26. **Acceptable makes**

The acceptable makes of the various equipments / components / accessories have been indicated in "Acceptable Makes annexed with this document. Prospective bidders are to the quote as per the acceptable makes specified in the tender documents. However, all departure from the specifications and also from the Acceptable Makes of the equipments / components have to be brought down in the forwarding letter to this tender. However, the departures taken by the bidders shall be evaluated at the time of Technical Evaluation, based on the documentary evidence and also their past performance & provenness in case of the alternative makes, if any. Except for the departures brought down in the forwarding letter the tender, it is presumed that intending bidder confirms compliance to the tender specifications in all respect.

Successful bidder is to comply with the Public Procurement (Preference of Make in India), Order 2017 dated 15.06.2017 as amended upto date, while executing the contract. If any provision made elsewhere in this NIT, which in contravention with the Make in India policy, the latter shall have preference over the former. Engineer-in-charge will have the final authority to take appropriate decision in the matter.

27. Dismantled material shall be handed over to JE (E) by contractor and store at JE (E) store, if any.

Additional Conditions

1. The work shall be carried out strictly in accordance with CPWD specifications of electrical works, Part-I (Internal)-2023, (External)-2023, Part –IV (substation)-2013, Part-VII (DG sets)-2013, Part-V (wet riser & sprinkler system) 2020, Part-VI (Fire Detection and Alarm System) 2018, HVAC works 2017 and any other relevant amended up to date and in accordance with Indian Electricity Rules, 1956, Indian Electricity Act, 1910 as amended upto date and as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.
2. All materials to be used on this work shall be ISI marked & shall be got approved from the Technical sanctioning authority/Engineer-in-Charge before installation at site unless otherwise not covered under ISI.
3. PVC insulated copper conductor wire used shall be multi-standard FR grade for which nothing extra shall be paid.
4. The work shall be carried out according to approved drawings/details which shall be subsequently issued to the successful tenderer for execution of work and as per instructions of 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. The work shall be executed by skilled person Licensed by the approved authorities.
5. All damages done to the building during execution of electrical work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.
6. 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 programme of electrical works is to be co-ordinated in accordance with the building work and no claim for idle labour shall be entertained.
7. All the debris of the electrical works should be removed and the site should be cleared by the contractor immediately after the accruing of debris. Similarly any rejected material should be immediately cleared off from the site by the contractor.
8. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
9. The size of conduit and wiring shall be got approved from the Engineer-in-Charge before taking up the execution.
10. The contractor shall make his own arrangement at his own cost for electrical / general tools and plants required for the work. Main Board and Main Distribution Board: The work shall be carried out according to the drawings / details are as approved by the Engineer-in-Charge. The contractor shall have to get the samples approved before the whole lot is brought to site and it shall include all inter connections etc. All termination of electrical cables in panel / feeder pillars DB's, cable-looping box etc. shall have to be done with proper thimbles / lugs using crimping process. Copper thimbles / reducer shall be used for copper cable and Aluminium cable nothing extra will be paid for the same.
11. All materials shall be supplied and used in items of works by the contractor should be of standard and approved quality. They should be got approved from the Engineer-in-Charge or his authorized representative before installation otherwise no payment will be made for an unapproved or rejected material used on the works and the same shall be removed at his cost from site or work.

12. The contractor shall have to prove bonafides of the make of materials by producing necessary documentary evidence. They are advised to obtain prior approval of Engineer-in-Charge for proposed make of material, before bringing material to site work.
13. Location of Light fixtures, cable routes etc. should be got approved from the Engineer-in-Charge before execution.
14. All interconnection in the panel, DB, cable-looping boxes shall be carried out with suitable cable commensurate with the current carrying capacity of incoming and outgoing cables complete with thimbles etc. as required for which nothing extra shall be paid.
15. All panels, DB's, cable-looping boxes will be numbered and marked with paint / name plate and nothing extra will be payable on this amount.
16. The contractors are advised to visit the site before quoting the rates.
17. All MCB, MCCB, MCB, DB's, RCBO's, RCCB with DB's shall be of same make / manufacturer.
18. Modular Switch / Socket's / Plates / Computer outlet / Telephone outlet and all accessories shall be of the single make only be provided. The contractor shall have to make the edges around the boxes wherever required shall have to be made by the contractor for which nothing extra shall be paid. The galvanized metal box shall be of the standard thickness as the GI boxes besides other requirement.
19. All the material should be ISI Marked unless otherwise clarification is not available.
20. All concealed works shall have to be done in the presence of Engineer-in-Charge or his authorized representative.
21. The contractor shall make his own arrangement for carriage of material from store of the JE (E) to the site.
22. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department.
23. Notwithstanding the schedule of quantities, all items of interrelated works considered necessary to make the installation complete and operative are deemed to be included shall be provided by the contractor at no extra cost.
24. The connection, inter connection, earthing and inter earthing shall be done by the contractor wherever required and noting extra shall be paid on this account All repairs & patch work shall be neatly carried out to match with the original finish & all damages caused to the building installation during the execution of work shall have to be made good by the contractor immediately at his own cost to the entire satisfaction of Engineer-in-charge. In case contractor fails to comply with the instructions of the Engineer-in-charge, Engineer-in-charge shall be at liberty to get the work done by any other agency and recover such amount as paid to the other agency from the bill(s) of the contractor. Contractor shall have no claim, whatsoever, on the extent of such amount.
25. The contractor shall have to provide the fish wire after removing the choking of the conduits. Even if subsequently the conduits are found choked, the choking will be get removed and / or the new conduits shall be provided at the risk and cost of the contractor.
26. The makes of material 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 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.
27. No material shall be brought to site without the approval of Engineer-in Charge. All fixtures and fittings shall be procured just before the installation.
 28. Wherever ceiling roses are not required to be provided in the light/fan/exhaust fan points, due to site conditions, the contractor shall use suitable three pin connectors for which nothing extra shall be paid. Wiring shall be carried out with FR wires.
 29. Contractor shall provide polythene/PVC plastic cover for all MDB's/SDB's/DB's, panels, feeder pillars etc to protect them from rust/damages, during execution of work till the work is actually completed and handed over to the department.
 30. Makes of all items that are not covered in the schedule of work/additional specifications shall be got approved from the Engineer-in-charge and shall conform to relevant Indian Standard as applicable.
 31. The contractor shall ensure that the staff employed by him for execution of the electrical work, possess the valid electrical license issued by competent authority. Consequences arising due to the default of the contractor in not complying with the above condition shall be the responsibility of the contractor.
 32. Copper lugs shall be provided for terminating copper/aluminium/GI earth wire to all switchboards for which nothing extra shall be paid. All multi-stranded/stranded wires shall be terminated through copper lugs.
 33. All concealed work and earthing shall be done in the presence of the Engineer-in-charge or his authorized representative.
 34. The schematic diagram/dimensional drawings of the various electrical cubical panels shall be got approved from the Engineer-in-charge before fabrication and shall comply with CPWD specifications and Indian Electricity Rules. The panels shall conform to IS: 8623/1993. All panels shall be powder coated inside out, in shade approved by the Engineer-in-charge.
 35. All floor-mounted panels shall be mounted on 75mmX75mmX6mm thick M.S. channel on all the sides. It shall have a continuous earth bus of the same size and material as the main phase running continuously along the length of the panel extending on either side for earth connection.
 36. The doors of all cubicle panels shall be hinged type including those of bus bar chambers and cable alleys. The locking shall be with chrome plated metal key locks. All doors shall be earthed with copper conductor wire as approved by the Engineer-in-charge.
 37. The work shall be carried out according to drawing approved by the Engineer-in-charge. The layout once approved can only be changed by the Engineer-in-charge as per requirement at site. It shall be the responsibility of the contractor to plan the layout and get the approval from the Engineer-in-charge before laying the conduits etc.
 38. The MCB should be of the same make as that of MCB DB's and having a minimum breaking capacity of 10 KA. Contractor shall obtain approval of the Engineer-in-charge before procurement of MCB DB's.
 39. All model of modular accessories required for the work shall be got approved from the Engineer-in-charge from among the approved makes. The base plate shall be preferably in sheet steel or otherwise in unbreakable polycarbonate. The cover plates shall be screw less type in shade approved by the Engineer-in-charge.
 40. Contractor shall have to check the Site Order Book for any instructions of the Engineer-in-charge or his authorized representative and sign the site order book. He shall be bound to ensure compliance with the instructions recorded therein.

41. MCCBs shall be used with terminal spreaders and all terminals shall be shrouded to avoid direct contact.
42. All measuring and indicating instruments shall be protected through MCB's and isolating switches.
43. General arrangement drawing of the switchboard shall be got approved from the Engineer-in-Charge before commencement of manufacturing.
44. For the items like LT panels, feeder pillars and accessories, etc, the firm shall arrange for inspection in the factory and provide for all facilities for testing. The cost of the visit of Engineer-in-Charge or his representative shall be borne by department. However, firm will be responsible for arranging the inspections as required.
45. Conduit layout as per switching arrangement shall be prepared by contractor and got approved from the Engineer-in-Charge before slab casting.
46. Conduit and termination to SDB and main board adapter box i/c connection wires to MCB,s inter connection between SDB and main board etc shall be included in the tendered rates and nothing extra shall be paid for the same.
47. The contractor shall provide junction boxes / looping boxes of required sizes and such boxes shall be measured as part of conduit / batten wiring without any extra payment.
48. M.S. dash fastener shall be used for installation of fittings and fixtures in ceiling and for providing suspenders for the angle support, conduit, cable tray etc. for which nothing extra shall be paid
49. All CI/metal boxes & junction boxes should be cleaned properly and painted from inside before wiring & fixing the accessories.
50. Cables:-
 - (a) Cables shall be bought from manufacturer only as per approved NIT.
 - (b) The length of the cables required shall be measured w.r.t. site condition and these shall be delivered in section of approved length only, to avoid jointing as far as possible.
 - (c) Cable delivery shall be scheduled in consultation with department only.
 - (d) All cable's shall be offered for inspection by department prior to dispatch, department reserve the right to wave of inspection so required in lieu of proper test certificates.

Executive Engineer (E)
DED-21, CPWD,
New Delhi.

Additional terms & condition of Staff

1. The work shall be carried out as per CPWD specifications amended up to date and instructions of Engineer-In –Charge at Site.
2. No T&P Shall be issued to the agency.
3. Any damage done to the building/ equipments during execution of work shall be made good to the entire satisfaction of department free of cost.
4. Nothing extra shall be paid on account idle labour loss.
5. The rates quoted shall be inclusive of wages and all taxes and duties etc. as applicable.
6. The contractor shall be responsible for any mishap/accident during execution of work.
7. All the dismantle material shall be return back to J.E.(E) store at site.
8. All the materials make and models to be used on this work by the contractor shall be got approved from the Engineer-In-Charge before use at site.
9. Any loss or any damage to machinery/equipments due to faulty operation/ mishandling shall have to be made good by the contractor at his risk and cost. In the event of failure, suitable recovery shall be affected from the contractor's bill for which Engineer-in-charge decision will be final and binding on the contractor.
10. Bad workmanship will not be accepted and defects shall be rectified at contractors cost to the satisfaction of the Engineer – in – Charge.
11. All the debris/malba of the works should be removed and the site should be cleared by the contractor immediately after the occurring of debris. Similarly any rejected materials should be immediately cleared of from the site by the contractor.
12. Cement for this bonafide work is to be arranged and used by the contractor himself and nothing extra will be paid on this account.
13. The contractor shall make his own arrangements at his own cost for tools and plants required for the work.
14. The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However, if there is any delay from the department side, the installation may be taken over in parts but the decision on the same shall be binding on the contractor
15. Notwithstanding the schedule of qualities, all items of interrelated works considered necessary to make the installation complete and operative are deemed to be included shall be provided by the contractor at no extra cost.
16. Quantities indicated in Schedule of work are only tentative. Contractor shall consult AE-in-charge before procurement.
17. Before start the work agency/contractor shall deposit the all material in advance.
18. Before start the work agency/contractor will submit purchase invoice as well as technical certification as per NIT for the capacity of system from the approved mfg. to the department.

19. All accidental liabilities shall be borne by the agency during execution of work, no any kind of compensation to be given by the department.
20. Any kind of penalty due to bad performance of working parameters shall be borne by the contractor and department shall not be responsible for the same.
21. The department will not be responsible for any kind of human injury/losses of live during duty Hours.
22. The contractor will be responsible for any kind of theft/ losses occurred due to mishandling/negligence of staff to machinery equipment & shall be repaired free of cost.
23. First aid box shall be kept by the contractor at site of work. No extra payment shall be made on this account.
24. Department shall not be responsible for any injury partial or permanent or death of any worker at site due to accident or manufacturing of the equipment or by negligence of the staff.
25. Concern AE(E) and JE(E) shall have to confirm the quality of materials used at site.
26. **No Chinese Material shall be used at site.**
27. The contract can be terminated at any time during contract period after giving one month notice to the firm by the department due to either Administrative reason or any other reason for that no any compensation shall be payable to the agency.
28. All screws/ nuts bolts should be galvanized/ cadmium plated/ passivity only as the case may be.
29. Payment of the bill of the agency shall be made preferably on quarterly basis subject to availability of Budget/LOC. However agency has to ensure monthly payment to the worker engaged by them for the services as per latest minimum wages and labour law of the Government. The decision of Engineer-in charge for making the payment to the agency shall be final and binding.
30. Terms of Payment for the contractor

The healthiness of the complete system shall be evaluated on the method detailed in additional terms and condition of individual Sub Head.

agency has to ensure monthly payment to the worker engaged by them for the services as per latest minimum wages and labour law of the Government. The decision of Engineer-in charge for making the payment to the agency shall be final and binding.

after production of following proof:-

Documentary proof of disbursement of wages to the workers. The copy of wage register in the format shall be produced with R/A or final bill.

Proof of deposit of provident fund and ESI contribution to the respective authorities on demand as when required.

Copy of relevant period Sub Head wise attendance register.

Sub Head wise fortnightly/ monthly labour report

31. After this work is awarded the contractor would be required to furnish the name, father's name, qualifications, local address of staff proposed to be deputed by him for job alongwith attested copies of documents in support of the qualification.
32. The contractor shall have to arrange for issue of identity cards as per direction of Engineer-in-charge for all the staff members deployed within one week of the start of work at his own cost and also submit three extra photograph 1 No. to JE(E), 1 No. to Sub Division & 1 No. for Division Office of each workers for record. If he fails to do so the department shall recover Rs.150/- per person per month for this default from the monthly bill.
33. Department in no way is involved in any dispute of whatever kind between the contractor and the staff engaged by him Payment against the final bill however would be subject to clearance from labour authorities.
34. The firm has to make minimum wages to its employees as per Minimum Wages Act of Central Govt. and Bonus as per Bonus Act 1965 as applicable and advisory issued by additional labour commissioner vide No. F.137/ Addl.LC/ Lab/ Advisory/ Bonus/2019/3082 dt. 18-10-2019.
35. The staff deployed by the contractor shall be purely employee of the agency only. Staff deployed shall not claim for any govt. job or compensation from the department in any way.
36. The contractor shall have to give list of all worker deputed at site showing name, age, address and mobile number alongwith the documents related to their qualification. The contractor shall also provide name of worker engaged as reliever or for Sundays and holidays.
37. If the agency fails to attend the fault or submit periodical reports a recovery @ Rs. 1000/- per day set report shall be made from the contractor's bill.
38. **The staff deployed by the agency shall mark the attendance on Biometric Attendance Machine as per direction of Engineer-in- Charge.**
39. **AE/JE will verify the attendance of agency staff every month. Payment to the agency in this regard shall be done only after verification of attendance by concerned AE/JE.**
40. **The Contractor shall accommodate minimum 80% of the new strength from existing manpower as per cabinet decision no. 2649 dated 09.10.2018 circulated vide no. F.33/2018/GAD/CN/3822-3835 dated 12.10.2018 by GNCT of Delhi.**
41. The contractor shall take immediate action to attend any complaint assigned to him through site order book / verbal instruction or on telephones / CPWD SEWA from Engineer-in-charge / Users. In all cases the complaints shall be attended in the specified duration as mentioned below:-
 No delay complaint of emergent nature such as breakdown /disruption in Electric Supply /
 Minor complaints will be attended within 24 hours.
 Major complaints/ replacement of major spare parts will be attended within 2 days or as decided by Engineer-in-charge.

If the complaint not attended within the prescribed period, recovery shall be made @ Rs. 1000 per complaint per day from the contractor bill and decision of Engineer-in-charge in this regard shall be final & binding.

42. The contractor shall depute required personnel / Staff for electrical works as per NIT conditions, who shall remain present at CPWD service center as per the staff deployment requirements of the respective sub-head. The contractor will maintain attendance records of the staff, which will be checked by the Engineer-in-charge or their authorised representative, as and when desired. In case of absence / shortfall of any staff, recovery shall be made at the following rates:-

- a) ~~Highly skilled labour (Computer Operator) @ Rs. 2500/- per day per person per shift~~
- b) Unskilled labour (Khallasi) @ Rs. 1800/- per day per person per shift
- c) Semiskilled labour (pump Operator) @ Rs. 1900/- per day per person per shift
- d) Skilled labour (Wireman / Lineman / Electrician / Operator/Technician @ Rs. 2000/- per day per person per shift

43. No Contractor or his staff shall be allowed to use or shall stay in service centre, pump house, switch room, DG set room beyond duty hours.
44. The salary should be paid to all workers to bank account in their name by e-mode/ECS before 7th of every month. Failing which a recovery of Rs. 500/- per day per person shall be main from the bill of the contractor.
45. Emergency complaints such as no current, leakage of current, sparking, short circuiting, fire hazards of any nature etc.
46. The Contractor has to make his own arrangement of the tools for use by his staff. Further T&P required at site shall be arranged by Contractor. Following T&P shall always be available at site of work otherwise recovery at the rate of Rs 5000/- per month shall be made for number of days it is not found at site of work: -

Megar	:	1 No.
Earth tester	:	1 No
Crimping tools	:	1 Set
Spanner Set	:	3 Set
LAN Keys set	:	3 Set
Hammer Drill	:	1 Set
Hexa	:	3 Nos
Tongtester	:	2 Nos
Ladder of different sizes	:	2 Set
Tool Bags with required tools such as Plier, Tester, Knives Screw Driver set, Rawl Plug with different size of screws etc.	:	All wiremen

47. Contractor shall indemnify the department for any accident at site due to poor work or not complying safety rules and regulations. The Department shall not be responsible for any accident and labour claims during contract & extended period of contract. Firm/Contractor shall have to bear all such claims at their end only.

48. Staff deputed at site should have qualification as under :

~~a. Computer Operator – Qualification Graduate and above having minimum experience of 7 years.~~

b. Operator (Pump/AC/Lift/DG/ CCTV/ Sub Station FF & FA/P A/EPBAX/Solar Water/AV) - ITI Certificate or equivalent in the trade. **OR** 12th pass with 05 years practical experience in the relevant trade for which applied. **OR** Electrical workman's / lineman license (certificate of competency Class-II or any other equivalent certificates)

c. Wireman/ Electrician - Electrical workman's / lineman license (Certificate of competency Class-II **OR** any other equivalent certificates) with 03 years' experience.

d. Khallasi (Electrical) - Physical fitness for unskilled work and with 02 years practical experience and capable to work in the respective filled.

49. Contractor has to depute staff as per monthly duty roaster provided by Junior Engineer (E).
50. All staff deputed by contract has complete knowledge of functioning of Fire Alarm System, Fire Fighting System, operation of lifts and operation of water supply pumps.
51. The contractor will provide 2" reflective safety zipper jacket fluorescent (Blue Colour) with DED-21, CPWD logo & drawing of "Save Energy Save Earth "

Approved Make List

S.No.	Details of Materials / Equipments	Manufacturer's Name / Make
1	FRLS PVC insulated copper conductor single core cable for wiring. (ISI marked)	RR Kabel / Havells/ Polycab/Finolex
2	XLPE Aluminum / Copper Armoured/ Unarmoured Cable, telephone cable, Coaxial Cable/LAN Cable/ Submersible cable/ Fire Cable	RR Kabel / Havells/ Polycab/Finolex
3	MS Conduit (ISI Marked) with heavy duty MS conduit pipe accessories	BEC / NIC / AKG/ RMCON (Note : The make of accessories will be same that of conduit pipe & will comply to IS / 4768 part 2 2003)
4	PVC Conduit (ISI Marked) with heavy duty PVC conduit pipe accessories	AKG / BEC / Precision/ RMCON
5	Modular Switch, Socket/Telephone Socket/ Cable TV Socket/ Data outlet Socket / Fan Regulator/ G I Boxes Etc (Wiring Accessories) / Regulators/ Plug Top etc.	Legrand (Myrius)/ Schneider Electric (Unica) / Honeywell- MK (Blenze plus) / Wipro (North West – PLATIA)
6	GI pipe/ MS Pipe (Accessories for pipe shall be same make of pipe or as per approved by the Engineer-in-charge)	Tata / Jindal (Hissar) / Jindal Star/ Praksah Surya
7	D.W. Corrugated HDPE Pipe (ISI marked)	Dura plast / Triputi / Duraline/ Rex
8	MCB, Isolator, Industrial Plug Socket, RCCB, RCBO's, MCB DB & Loose Wire Box	Schneider Electric Act19 / ABB / Siemens / LK/ Hager-H3/ Legrand
9	Moulded Case Circuit Breaker (MCCB) Thermal Release / Microprocessor based (Ics=Icu=100%)	Schneider Electric-NSX /Siemens / LK/ ABB/ Legrand
10	Wall/Exhaust/ Ceiling Fan/ Fresh Air Fan	Havells / Orient/Crompton/ Almonard
11	LED luminaries / Fittings / Strips	LT / Philips / Havells/ Regent
12	SMC Boxes	Sintex/ Hensel/ Neptune/ Stanlac
13	PVC Trunking	MK/ Honeywell/ Schneider/Legrand
14	MS painted /GI perforated cable tray	Venus/ Indiana Apex/ Steelway/AKG/Legrand/ Schneider

NOTES:-

1. This to be ensured by the site officials that the above-mentioned material to be installed at site has been procured by the contractor from manufacturer or their authorized dealer only and documentary proof for the same shall be attached with each bill.
2. In respect of materials for which approved makes are not specified above, then proposed makes shall be decided by the Engineer-in-Charge and as per sample approved before procurement & Installation.

Schedule of Work

Name Of Work: (A) Providing services of operation & comprehensive maintenance of audio & visual equipment's, VRV / VRF system, substation, DG Set, internal & external electrical installations installed in Rashtriya Swachhata Kendra at Gandhi Darshan, Rajghat, Delhi for 3 months.

S.No.	Description Of Item	Qty.	Rate	Unit	Amount
	SH:-A (Comprehensive maintenance)				
1	Annual comprehensive maintenance of 630KVA capacity substation, 01 No. 320KVA DG Set, fire alarm system, & CCTV System i/c repairing, replacement of all defective parts as and when required as per terms & conditions of E & M works etc complete as required.	3	30042.00	Month	90126.00
2	Supplying and replacing of following materials of 'Cummins' make during 'B' check (2No. services in a year) in the existing 320KVA Cummins make Diesel Engine etc as required.				
a)	Element Lub Oil Filter - 3401544	2	4857.00	Each	9714.00
b)	Filter Fuel - 3973232	2	4837.00	Each	9674.00
c)	Filter Fuel - 3973233	2	2037.00	Each	4074.00
d)	Resistor Corrosion - 4058965	2	6666.00	Each	13332.00
e)	Inhibitor Corrosion 10 Liters - 4926654	1	5186.00	Each	5186.00
f)	Element Filter - A041R279	1	2677.00	Each	2677.00
g)	Element Air Filter - A041R273	1	6366.00	Each	6366.00
h)	Foil Sealed Test Strips - 3403800	1	439.00	Each	439.00
i)	Indicator Restriction - 0140-4323-02	2	664.00	Each	1328.00
j)	Valvoline Premium Blue 7800 Plus 1/20 Ltrs	4	11272.00	Each	45088.00
3.	Annual comprehensive maintenance of audio visual equipments such as speakers, amplifiers, projectors, LCD displays video wall, OLED monitor, signage displays, interactive panels, workstations, servers, turn table equipment, UPS systems, LED video wall, servers, audio interface, audio encoder, curve curtain track, 360degree projection dome, resolume software, vioso software, I pad, lumin heavy duty anti theft tablet, inkjet & photo printer, mitra robot, 3 / 5 full colour RGB lights multi purpose discharge moving head lamps etc and control room equipment's of different makes connected to the system i/c repairing, replacement of all defective parts as and when required as per terms & conditions attached etc complete as required.	3	764415.00	Month	2293245.00
4.	Annual comprehensive maintenance of 125HP VRV / VRV system comprising of SMMS & VRF unit i/c repairing, replacement of all defective parts like compressor, PCB's, copper piping, LCD / LED displays, indoor / outdoor coils etc routine or preventive maintenance as per OEM recommendations by providing minimum two visits in a month or as and when required etc complete as required.	3	26869.00	Month	80607.00
5	Management, maintenance, update and upgrade of the website & Social Media platforms including CERT and GIGW compliance quality certificate or any other clearance required to operate the website complete in all respect as required.	3	10494.00	Month	31482.00
	Total of SH: -A				2593338.00

	SH: -B (Operation & Maintenance)				
6	Providing operation, routine / preventive maintenance and servicing & up keepment of 630KVA capacity substation, 01 No. 320KVA DG Set, fire alarm system & all internal Electrical installations (such as rectification of faults occurring in main electrical panel boards, light point, DB's, light fittings, ceiling fans, wall fans, exhaust fans, power plugs, light/ Power plugs points, AC industrial sockets) installed in RSK Building all in two shifts (decided by engineer-in-charge) on all days i/c maintaining all relevant log books i/c Sunday and holidays complete as per Conditions for Electrical & Mechanical Works. Wireman / Operator - 2 Nos. (01No. in each shift) Khallas 2 Nos. (01No. in each shift)	3	152912.00	Month	458736.00
7	Operation and maintenance of audio visual equipments such as speaker, amplifier, projectors, LCD displays, media players etc i/c control room equipments and CCTV system of different makes connected to the system etc in general shift (9AM to 5PM) on all days i/c maintaining all relevant log books i/c Sunday and holidays etc complete as required. a) Technician - 01 Nos.	3	41999.00	Month	125997.00
8	Operation & routine maintenance of 125HP VRF / VRV system comprising of SMMS & VRF unit i/c all accessories, consumable like oil, gas, PCB's & other items to keep the system in perfect running installed in RSK Building in general shift (9AM to 5PM) on all days i/c maintaining all relevant log books i/c Sunday and holidays as per terms & conditions attached etc complete as required. AC Mechanic - 1 No.	3	41999.00	Month	125997.00
	Total Rs.		B		710730.00
	Total Rs. (A+B)				3304068.00

Executive Engineer (E)
DED-21, CPWD,
IP Bhawan, New Delhi

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PART-C

(Civil Work)

सिविल कार्यों की अनुसूचियां SCHEDULES FOR CIVIL WORKS

अनुसूची 'क' SCHEDULE 'A' मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed)

At Pages : 114 - 118

अनुसूची 'ख' SCHEDULE 'B' ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची

Schedule of materials to be issued to the contractor.

मद सं Sl. No.	मद विवरण Description of Item	मात्रा Quantity	जिस दर पर सामग्रियां ठेकेदार को प्रभावित होगी वह दर अंकों एवं शब्दों में। Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5
NIL (Material required for the work shall be arranged by the Contractor)				

अनुसूची 'ग' SCHEDULE 'C'

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

क्रम सं Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire Charges per day	निर्गत स्थान Place of Issue
1	2	3	4
NIL (shall be arranged by the Contractor)			

EXECUTIVE ENGINEER

A- Division, CPWD

New Delhi

अनुसूची 'घ' SCHEDULE 'D'

कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची

Extra Schedule for specific requirements/documents for the work, if any.

- (i) As per particular specification, additional specification, General conditions, additional conditions and special condition etc attached and work shall be executed according to General Condition of Contract 2023(Maintenance works) for CPWD.

अनुसूची 'ड' SCHEDULE 'E'

ठेके की सामान्य शर्तों का संदर्भ

1. Reference to General Conditions of contract: **General Conditions of Contract 2023 (Maintenance works) for CPWD with amendments issued upto previous day of online receipt of tender.**

कार्य का नाम

Name of work: Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi.

(i) कार्य की अनुमानित लागत Estimated cost of work: ₹. 20,37,660/-

(ii) धरोहर राशि Earnest money: ₹. 40,435/-

(iii) निष्पादन गारंटी Performance guarantee

:(a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) whichever is higher.

(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

(iv) प्रतिभूति निक्षेप: Security Deposit:

: 2.5% of tendered value

अनुसूची 'च' SCHEDULE 'F'

सामान्य नियम एवं दिशानिर्देश:

General Rules & Directions: General Conditions of Contract for CPWD Works 2023 with amendments upto previous day of online receipt of tender shall be read with NIT.

निविदा आमंत्रण करने वाला प्राधिकारी

Officer inviting tender -

**Executive Engineer/A Division
CPWD/New Delhi.**

कार्य की मर्दों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित मर्दों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के अनुसार होगा. निम्नानुसार

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.

See below

परिभाषाएँ:— Definitions:

2(v)	भारसाधक इंजीनियर Engineer-in-Charge	Executive Engineer/A- Division /CPWD/New Delhi
2(viii)	स्वीकार कर्ता प्राधिकारी Accepting Authority	Executive Engineer/A- Division /CPWD/New Delhi.
2(x)	अतिरिक्त और लाभों को पूरा करने के लिए सामग्रियों की लागत पर प्रतिशतता Percentage on cost of materials and labour to cover all overheads and profits.	15% (7.5% C.P. + 7.5% O.H.)
2(xi)	दरों की मानक अनुसूची Standard schedule of Rates:	DSR 2023 with correction slips upto previous day of online receipt of tender & Market rate for Non DSR items
2(xii)	विभाग Department	Central Public Works Department
9(ii)	मानक के.लो.नि.वि. ठेका फार्म Standard CPWD contract form	General Conditions of Contract 2023 (Maintenance works) CPWD 7 as modified and corrected upto previous day of online receipt of tender.

खण्ड—1	(i) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय, दिनों में।	
Clause 1	(OM No.: DG/SE(C&M)/Misc/48 Dated:- 02/09/2015 & 288 Dated: 23/09/2015) i) Time allowed for submission of Performance Guarantee with Additional Performance Guarantee If any, 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	07 Days
	एक्सटेंशन, दिनों में ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee with Additional Performance Guarantee if any beyond the period as provided in i) above in days -	03 Days

खण्ड Clause 2	खण्ड 2 के तहत प्रतिकर निश्चित करने वाला प्राधिकारी Authority for fixing Compensation under clause 2	Superintending Engineer, Delhi Circle-2, CPWD, New Delhi.
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खण्ड Clause 2 क. क्या खण्ड 2 क लागू होगा। Whether Clause 2A shall be applicable.	As per Modified provision for maintenance work.
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खण्ड Clause 5 कार्य आरम्भ करने की तारीख की गणना के लिए स्वीकृति
पत्र जारी होने की तारीख से दिनों की संख्या.....दिन

Number of days from the date of issue
of letter of acceptance for reckoning date of start. **10th Day or actual date of
PG deposit with late fee**

खण्ड Clause 5.1 The contractor shall submit a Programme chart (Time and Progress) for each milestone along with performance guarantee **and additional performance guarantee (if any)** and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-charge and the contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in schedule 'F'.

लक्ष्य मील-पत्थर सारणी: लक्ष्य नीचे दी गई सारणी अनुसार

Table of Milestones : -- As per Table given below

S. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be withheld in case of non achievement of milestone
.....N.A.....			

कार्य निष्पादित करने के लिए अनुमत्य समय

Time allowed for execution of work

Three Months

Month

निर्णायक प्राधिकारी

1. समय विस्तार (प्रभारी अभियंता या संयुक्त संविदा के मामले में कार्य के मुख्य हिस्से के प्रभारी अभियंता, जैसा भी मामला हो)
2. लक्ष्यों का पुनः अनुसूचिकरण (अधीक्षण अभियंता, या संयुक्त संविदा के मामले में कार्य के बड़े अवयव के अधीक्षण अभियंता, जैसा भी मामला हो)
3. देरी की स्थिति में साईट सौंपने के कारण प्रारंभ तिथि में बदलाव (अधीक्षण अभियंता या संयुक्त संविदा के मामले में कार्य के मुख्य हिस्से के अधीक्षण अभियंता, जैसा भी मामला हो)

Authority to decide:

1. Extension of time (Engineer in Charge or Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)
2. Rescheduling of mile stones (Superintending Engineer in Charge or Superintending Engineer of Major Component in case of Composite Contracts, as the case may be)
3. Shifting of date of start in case of delay in handing over of site (Superintending Engineer or Superintending Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)

कार्य पूरा करने के लिए उचित और तार्किक
समय वृद्धि देने वाला प्राधिकारी

Authority to give fair and reasonable
extension of time for completion of work

Executive Engineer
A Division, CPWD

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	Site shall be made available in parts	
Part B	Portions with encumbrances		
Part C	Portions dependent on work of other agencies		

खण्ड Clause 5A

Not Applicable

खण्ड Clause 6,

खंड लागू – (6)/ Clause applicable – (6)

**Electronic Measurement Book
(EMB) through CPWD ERP Portal**

खण्ड Clause 7

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

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

10.00 Lakh

खण्ड Clause 7A

No Running Account Bill shall be paid for the work till the
applicable labour licenses, registration with EPFO, ESIC
and BOCW Welfare Board, whatever applicable are submitted
by the contractor to the Engineer-in-charge.

Whether Clause 7A shall be applicable

Yes

खण्ड Clause 7B

**for construction/EPC/Maintenance works for
payment to third party**

Yes

Clause 10 A

कार्यस्थल प्रयोगशाला में ठेकेदार द्वारा उलब्ध कराये जाने परीक्षण उपकरण की सूची
List of testing equipment to be provided by the contractor at site lab.
(As per applicable & required item of work)

Clause 10 B(i)- Whether Clause 10 B(i) shall be applicable:
क्या धारा 10बी(i) लागू है

No

Class 10C – Component of labour expressed as percentage of total value of work- 85%

कार्य के कुल मूल्य की श्रम के घटक के प्रतिशत के रूप में

खण्ड.10गग खण्ड 10गग उन संविदाओं पर लागू होगा जिसमें कार्य समापन की अवधि, अगले कालम में दर्शायी गई अवधि से अधिक अनुबंधित है।

लागू / लागू नहीं

लागू नहीं

Clause 10CC- Clause 10CC to be applicable in contracts

with stipulated period of completion exceeding the period shown in the next column.

Applicable/ Not Applicable

N/A

मूल्य वृद्धि के लिए अन्य सामग्री, श्रम, पी.ओ.एल आदि के घटकों की अनुसूची।

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

निर्माण कार्य सामग्री के लिए सिविल घटक (खंड 10 ग के अन्तर्गत शामिल सामग्रियों को छोड़कर)/वैद्युत कार्य में कुल मूल्य के प्रतिशत के रूप में प्रदर्शित

NIL

Component of Civil -

Xm.....%

(Except material covered under clause 10CA)

Electrical construction materials expressed as percent of total value of work

श्रम के घटक के कुल मूल्य की प्रतिशत के रूप में प्रदर्शित

Component of Labour expressed as percent

of total value of work

Y.....NIL.....%

पी.ओ.एल के घटक-कार्य के कुल मूल्य के प्रतिशत के रूप में प्रदर्शित

Component of POL expressed as percent

of total value of work

Z.....NIL.....%

खण्ड Clause 11 कार्य निष्पादन के लिए अनुपालन

किए जाने वाले विनिर्देश

Specifications to be followed for execution of work

CPWD specification 2019, Volume-I & Volume-II with correction slips issued upto previous day of online receipt of tender

खण्ड— Clause 12

Type of Work : Maintenance works including works of Up-gradation, aesthetic, special repair, addition / Alteration.

The completion cost shall, in no case, exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-a-vis balance items required to complete defined scope of work and will give the alerts to Engineer – in – charge before taking up extra item(s), deviation(s) so that completion cost does not exceed above limit. Work executed beyond above limit will neither be recorded nor be paid. Engineer – in-charge will verify and confirm the alerts before assigning deviation(s) and / or extra item(s) to the contractor. If additional work(s) is required to complete defined scope of work beyond above limit then Engineer – in – charge may take up such work(s) separately. The contractor will not have any claim(s) whatsoever on this account.

खण्ड Clause 16

घटी हुई दरे निर्धारित करने की
लिए सक्षम प्राधिकारी

Competent Authority for
deciding reduced rates

**SE/DC-2/CPWD, New Delhi,
upto 5% of the contract value.
Beyond 5% ADG (RD)**

खंड –Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनरी, औजार एवं सयंत्रों की सूची:

List of mandatory machinery, tools & plants to be deployed by the contractor at site:
(As per actually required at site and as per direction of Engineer – in – charge.)

खंड – Clause 19 (Modified as DG/CON/314, dated 24.02.2021)

Clause 19C Authority to decide penalty for each default - Executive Engineer/A Division

Clause 19D Authority to decide penalty for each default - Executive Engineer/A Division

Clause 19G Authority to decide penalty for each default - Executive Engineer/A Division

Clause 19K Authority to decide penalty for each default - Executive Engineer/A Division

खंड –Clause 25 Shall be Govern by OM No. DG/CON/317 dated: 28-06-2021 & OM No. DG/CON/318 dated: 17-08-2021**खण्ड— CLAUSE 32 (i): - Requirement of Technical Representative(s) and Recovery Rate**

S.No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/Technical Representative)	Minium Experience	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
					Figures	Words
1	Graduate Engineer	Civil	Principal Technical Representative	2 Years	One	₹. 15000/- (₹. Fifteen Thousand per Month)
	OR					
2	Diploma Engineer	Civil		5 Years	One	₹. 15000/- (₹. Fifteen Thousand per Month)

I) क) के.लो.नि.वि. द्वारा मुद्रित दिल्ली दर अनुसूची-2023, के आधार पर सीमेंट और बिटुमन की अनुमानमूल मात्रा निर्धारित करने के लिए। अनुसूची /विवरण

I) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 printed by C.P.W.D. with up to date correction slips.

II) अनुमानमूलक मात्राओं में अनुमत विचलन
Variations Permissible On Theoretical Quantities

क) सीमेन्ट जिन कार्यों के लिए निविदा में अनुमानित मूल्य रु. 25 लाख से अधिक न हो

3 प्रतिशत जमा/घटा

a) Cement for works with estimated cost put

3% plus/minus.

To tender not more than ` . 25 lakhs

जिन कार्यों के लिए निविदा में अनुमानित
मूल्य रु. 25 लाख से अधिक हो

2 प्रतिशत जमा/घटा

for works with estimated cost put to
Tender more than ` . 25 lakhs

2 % plus/minus.

ख) बिटुमन सभी कार्यों के लिए

2.5 प्रतिशत केवल जमा और
घटा के पक्ष में शून्य

b) Bitumen for all works

2.5% plus only &
Nil on minus side.

ग) इस्पात प्रत्येक व्यास, कोट और श्रेणी के लिए
पूनुर्वलन और संरचनात्मक इस्पात काट

2 प्रतिशत जमा/घटा

G.. Steel Reinforcement and structural steel
sections for each diameter, section and category.

2% plus/minus

घ) सभी अन्य सामग्रियां

शून्य

d) All other materials

Nil.

अनुमत्य विचलन से अधिक की मात्राओं के लिए वसूली दरें

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

क्रम सं. Sl No.	मद विवरण Description of item	अंको और शब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor		
		अनुमत्य विचलन से Excess beyond permissible variation	अनुमत्य विचलन से अधिक आधिक्य अधिक उपयोग घटाया Less use beyond the permissible variation	Remarks
1.	Cement (P.P.C./O.P.C.)	NIL	NIL	Subject to condition that executed work is not substandard.
2.	Steel Reinforcement (TMT Steel) Primary manufacturer	NIL	NIL	

खण्ड Clause 41(Modified as DG/CON/314, dated 24.02.2021)

Release of Security Deposit

The Security Deposit of the work shall be refunded if no labour complaint has been received from the labour officer till the due date of its payment. If a labour complaint is received during this period, the Engineer-in-Charge shall, after issue of notice in this regard to the contractor, deduct the amount required to settle the complaint from his security deposit and refund the balance amount.

GENERAL CONDITIONS FOR CIVIL WORKS

- 1.1 In case there is any discrepancy between English Version and corresponding Hindi version, if provided, then the provisions in English Version will prevail.
- 1.2 Wherever any reference to any Indian Standard Specifications/ International standard occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.
- 1.3 Samples for particular items of work shall be prepared, where so specifically desired by Engineer-in-charge, for prior approval of the Engineer-in-charge, before taking up the same on mass scale and nothing shall be payable on this account.
- 1.4 Wherever desired by Engineer-in-charge, the contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge & this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim, whatsoever beyond the payment due at agreement rates, will be entertained to the contractor on this account.
- 1.5 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls or any other structure are to be constructed.
- 1.6 If as per municipal rules, or due to any other restrictions, the huts for labourers are not to be erected at the site of work by the contractors, then the contractors shall provide such accommodation at such locations as are acceptable to local bodies, or contractor shall make his own alternative arrangement for stay of labourers outside the site of work, for which nothing extra shall be payable.
- 1.7 Unless otherwise specifically provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra quoted rates in agreement shall be payable to him on this account. However, payment for centering, shuttering, if required to be done for floor heights greater than 3.5m, shall be admissible at rates arrived at, in accordance with clause 12 of the agreement, if not already specified otherwise.
- 1.8 The working drawings appearing at para 8.1(iii) of conditions of contract in the form CPWD-7/8, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.9 If ISI marked products are available, the contractor shall use only ISI marked products. In other cases, the materials shall conform to CPWD specifications. In case a materials/product is neither covered by ISI nor by CPWD specification, the work shall be carried out as per sound engineering practice, in such case, the decisions of the Engineer-in-charge shall be final & binding. In such cases Engineer-in-charge shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers shall be used, unless otherwise specified. All materials not bearing ISI mark shall be tested as per relevant ISI specifications. The Engineer-in-charge may relax the condition regarding testing if the quantity of the materials required for the work is small. In all cases of use of ISI marked materials, proper proof of procurement of materials from authentic manufacturers shall be provided by the contractor to the entire satisfaction of Engineer-in-charge.

- 1.10 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction / instructions and nothing extra shall be payable on this account.
- 1.11 Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc., for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in such a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co-operation to other such agencies without any claim on this account.
- 1.12 Any cement slurry, required to be added over base surface for bond or for continuation of concreting, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.
- 1.13 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth, if required, shall have to be done by the contractor at his own cost.
- 1.14 No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 1.15 The building work will be carried out in the manner complying in all respect with the requirements of relevant bylaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.
- 1.16 The contractor shall give a performance test of the entire installation(s), as per standing specifications, before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test .
- 1.17 Any damage to work resulting from weathering conditions, defacing or from any other cause such as negligent act on the part of contractor, until the work is taken over by the Department after completion of work, shall be made good by the contractor at his own cost .
2. The corrected form CPWD-7/8 GCC-2023 is available online for inspection. The contractors are requested to go through the same. They will be bound by the terms and conditions stated therein.
3. The order of preference in case of any discrepancy as indicated in condition no 8.1 under “Conditions of Contract” given in General conditions of contract for Central P.W.D. works 2023 form may be read as the following:
 - 3.1 Description of item nomenclature in the schedule of quantities.
 - 3.2 Particular specifications for Repair and Rehabilitation works (if applicable)
 - 3.3 Particular specifications.
 - 3.4 Additional and Special conditions.
 - 3.5 Contract Clauses of General conditions of contract for Central P.W.D. works.
 - 3.6 MORTH specifications for Road & Bridge works with correction slips upto date of receipt of tender.
 - 3.7 CPWD specifications as mentioned in Schedule ‘F’.

- 3.8 Architectural Drawings, if any.
 - 3.9 Indian Standard Specifications.
 - 3.10 Sound Engineering Practice.
4. The words “Equivalent”, “Approval” and authorized” in these specifications shall imply and require written approval of the Engineer-in-Charge.
 5. The rates shall include the following:-
 - 5.1 All necessary materials, bolts, nuts, fasteners, nails, screws, rawl plugs, etc. as may be necessary to complete the work detailed in the specifications, whether or not specifically mentioned. The **bidder** should ensure that he has studied the drawings carefully and should seek any clarifications he may have from the **Executive Engineer**, in-charge of the work. No extra claims will be entertained later on.
 - 5.2 Cutting, making and repairing of any holes/opening Junction Box for electrical purpose etc. required for any light fittings, loudspeakers, air-conditioning grills etc.
 6. The **Executive Engineer** has got the right to accept or reject the tender as whole or part of it and no claims what so ever will be entertained on this account.
 7. No payment will be made to the contractor for damages caused by rains during execution of the works and no claim on this account will be entertained.
 8. The dismantling wherever required shall be done in a manner so that no other portion of the building or its fixtures are damaged. If any damages are done to the building it will be made good by the contractor at his own cost and no claim what so ever will be entertained on this account.
 9. The rates for all items of work shall (Unless clearly specified) include the cost of all labour material and other aspects involved in the execution of work.
 10. The contractor shall make his own arrangement for getting the permission (to ply the trucks) from the traffic police.
 11. The contractors are advised to get acquainted with the proposed work and its site and also study the specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
 12. All dismantled materials/ Building rubbish/ Malba and other such material received and collected by the contractor during the course of execution of work will be removed from the site of work on the same day positively. All payments including running bills will be released on a certificate to this effect by the Engineer-in-Charge.
 13. **1% water charges (contractor shall not be allowed to use his own water), 2% income tax plus surcharge and GST (rate as applicable at the time of payment as decided by Govt. of India), 1% Labour Cess and other recoveries as per rule shall be made from the gross amount of each Bill.**
 14. Tender with contradictory conditions/ Rebate will be rejected straight away.
 15. The contractor shall write correct postal address on the application for tender papers. In case it is found that the address given in their application is not correct and as a consequence of the same if any registered letter sent through postal authorities is received

back by the department undelivered to the contractor, the contractor shall be fully responsible for all the consequence and any such letter sent through registered post shall be deemed to have been delivered to him.

16. Wherever any reference to any Indian Standard specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there to or version thereof, if any, upto date of receipt of tender.
17. All the materials shall be got approved from the Engineer-in-Charge before it is put to use. Before the start of the work 100% of the total requirements or as decided by Engineer-in-charge for material will have to be deposited with the concerned AE/JE in first instance. Who shall also maintain an a/c of these materials and submit them with the bills for checking.
18. The contractor shall be issued materials for day to day work, according to the numbers of men employed by him. The unused materials should be returned by him at the end of the days work along with the empty containers etc. The empty containers shall be preserved till the completion of the work and the clearance to remove them is given by the Engineer-in-charge in writing.
19. Full quantity of material or as decided by Engineer-in-charge purchased from authorized dealers with their cash memos like paint/ distemper/ cement paint/ OBD/ plastic emulsion of the firm indicated in the items or elsewhere shall be deposited with the JE concerned before starting execution 100% Test Check shall be done by Assistant Engineer.
20. The sub-standard work shall be rejected out-right and shall not be measured and nothing extra shall be paid for it. The decision of the Engineer-in-charge shall be final and binding in this regard.
21. In case material consumed is less than the permissible variation then the work beyond theoretical consumption i/c variation shall be treated as substandard and quantity for payment purpose will be restricted to as per material actually consumed.
22. The material such as paints, varnish distempers, water proofing cement paint and primers etc. as required shall be of approved brand and manufactures, and of required shade and confirming (in all respects) to the relevant I.S. specifications.
23. Scrapping shall be got checked from Engineer-in-charge of the work before carrying out finishing work over it and it must be 100% test checked by Assistant Engineer.
24. The contractor shall have to remove all splashes after completing the day's work. In case the splashes are not removed by the contractor the same shall be got removed by the Engineer-in-Charge and necessary recovery for the cost of removal of splashes shall be made from the contractor as below:
 - a) For splashes of internal white wash/ distemper etc. Rs. 500/- per bungalow/ flat/room of office
 - b) For splashes of paint marks Rs. 1000/- per bungalow/ flats/ room of office.
 - c) For splashes of external white wash/ colour wash/ water proofing cement paint Rs. 500/- bungalow/ flat/ room of office.
25. The Co-efficient for working out theoretical consumption of materials is as below:
 - a) Distemper with 1st acrylic distemper (ready mixed) having VOC
 - i) One or more coats on old work 0.62 kg per 10 sqm.

- ii) Two or more coats on new work 1.25 kg per 10 sqm.
- b) Cement primer 0.70 ltr. Per 10 sqm
- c) Water proofing cement paint.
 - i) One or more coats on old work 2.2kg per 10 sqm.
 - ii) Two or more coats on new work & 3.84 kg per 10 sqm.
- d) Acrylic emulsion paint having VOC.
 - i) One coat 0.53 ltrs per 10 sqm
 - ii) Two coats 0.84 ltrs per 10 sqm.
- e) Premium Acrylic emulsion paint having VOC.
 - i) One coat 0.38 ltrs per 10 sqm
 - ii) Two coats 0.60 ltrs per 10 sqm.
- f) Synthetic enamel paint
 - i) One or more coats on old work @ 0.70 ltrs. Per 10 sqm
 - ii) Two or more coats on new work @ 1.16 ltrs per 10 sqm
- g) White cement based putty 1mm thick @ 14.58 kg per 10 sqm
- h) Plaster of putty 2mm thick @ 23 kg per 10 sqm

26 TESTING OF MATERIALS

- (a) Samples of various materials required for testing shall be provided free of cost by the contractor. All the test which are available in Central Lab of CPWD must be carried out in Central lab or the test must be conducted in the lab approved by the Engineer-in-charge. All expenditures required to be incurred for taking the samples, conveyance, packing including the testing charges shall be borne by the contractor himself.
- (b) The contractor shall produce all the materials in advance so that there is sufficient time for testing and approval of the materials and clearance before use in work. The Engineer in charge shall be at liberty to test representative sample(s) of each item of schedule of quantity in any approved laboratory as decided by him. The sample of testing shall be provided by the contractor free of cost. Any expenditure required to be incurred for taking sample, conveyance and packing shall be borne by the contractor. In case of any sample of particular lot fails in testing the contractor shall be bound to replace the entire lot with fresh material of prescribed specifications. The rejected lot shall be returned to the contractor only after fresh lot is supplied.
- (c) With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes falling short of the prescribed standards by over 10% to 20% and pending testing of balance 3 cubes for 28 days as final confirmatory acceptance tests, crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag.
- (d) In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out crushing strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage upto the laboratory where the test is to be performed. The cube test can be performed at any laboratory approved by the Engineer-in-charge.

27. No labour huts shall be allowed inside the campus of above said work. The contractor shall arrange for the stay of labour outside the campus including transport and nothing extra shall be payable on the account.
28. The work is required to be executed in **residential / non residential** area (restricted site) in odd hours and the agency shall plan the work to be carried out accordingly. The handling of material is to be done at site double or more time for which nothing extra shall be paid.
29. There may be some restrictions on free movement of labourers at site and restriction of working hours and the agency shall consider this fact while quoting the rates and executing the work. Photo passes if any required for worker shall be responsibility of the contractor.
30. Existing drains, pipes, cables, overheads wires, sewer lines and water lines and similar services encountered in the course of the execution of the work shall be protected against the damage by the contractor at his expenses. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
31. Malba received from site shall be removed to designated site (fixed by Engineer in charge) on same day, otherwise it will be removed and a penalty of Rs. 500/- shall be imposed on the contractor for each day of default
32. If the material as instructed is not brought to the site within 7 days from the date of start of work, Earnest money/ Performance Guarantee shall be forfeited by Engineer in charge or his authorized representative by giving notice through site order book.
33. Before dismantling the structure / item the contractor shall bring the entire material required for particular job at site after getting the sample approved from the Engineer in charge.
34. The Engineer employed by the contractor must attend the office of AE/JE in charge daily and note any instructions given on site order book.
35. For mixing of mortar, M.S. sheet must be used over the brick platform. Mortar should not be mixed on road or floor or on garden. In case mortar / concrete is mixed on floor or on road etc., a recovery of Rs. 1000/- shall be made for each default. Malba should not be dumped over green grass / plants.
36. Due to restriction of driving slow moving vehicle / hand driven rickshaw in NDMC areas, it is required that contractor should not operate the hand driven rickshaw. Contractor has to make his own arrangement of desired transportation & nothing extra shall be payable on this account.
37. Before starting the work the contractor shall chalk out a programme in consultation with the Junior Engineer /Assistant Engineer in charge so as to inform the occupants in advance. The contractor shall have to adhere this programme, failing which he shall be held responsible for any inconvenience caused to the occupants. In order to ensure that the work is carried out according to the programme drawn up, the contractor shall ensure adequate supply of the material and employ required labour strength for execution of work. In case contractor fails to arrange / employ adequate labour and stick to the programme, the Engineer in charge may supplement the labour at the risk and cost of the contractor after issue of one day's notice to the contractor through site order book. No claim for idle labour shall be entertained. The

contractor shall put his representative daily on site of work. His name & signature shall be attested by the contractor on the record for the department.

38. The contractor shall prepare one sample of all items which should be got approved from the Engineer in charge. Only after acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should confirm to the approved samples.
39. No T & P shall be supplied by the department.
40. Any damage done to the existing structure shall be made good by the contractor at his own risk and cost.
41. The contractor shall be responsible for behavior and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.
42. No dismantled material should be thrown out from ground or upper floors of the building. All the dismantled material should be carried out to ground through staircase only at no extra cost.
43. Rates including all heights, approved pattern/ drawing and level nothing extra shall be paid on any cost such as scaffolding etc.
44. It is mandatory to mention Invoice No./ Bill No. of material purchased for the work in the MAS register or / & photocopy of bill / invoice is also required along with RA/ Final Bill. Original bill shall be produced by contractor if demanded by Engineer – in – charge, otherwise no payment shall be made for relevant item.
45. Contractor should see the site and read the conditions carefully before quoting his rates
46. Full quantity of granite stone of approved colour & texture required for execution of work shall be brought by the contractor of single lot. No variation of lot shall be allowed. If the contractor brings the stone of different lots the same shall be rejected by the Engineer – in – charge and the contractor has to remove the rejected stone immediately for which nothing shall be payable extra on this account.
47. The structural design & drawings shall be got designed from approved structural designer or as approved by Engineer – in – charge. The structural design and drainage shall got vetted from a Govt. approved Engineering Institute, NIT or IIT to be done by the contractor.
48. Additional 10% amount of the Items of Water proofing shall be with held for guarantee period of 5 Years. If the contractor does not remove the defects within 7 days of issue of notice to him the work shall be got executed from other agency at his risk and cost.
49. The item of water proofing work shall be got done through the skilled applicator of specilised company as approved by Engineer – in - charge.
50. Fabricator / Casting Yard of precast RCC members shall have to be got approved from Engineer-in- Charge before starting the casting work.
51. The quality check of compressive strength of RCC precast members before dispatch at site will be checked by Engineer-in-charge. Necessary arrangements for testing shall be arranged and available at casting yard of fabricator.

52. All precast members shall be transported to site and their erection shall be in professional manner that have no damage or dent in the members. If any damage or dent is found the same will be get replaced with new member.
53. The contractor shall have to get the shades of all type of paints, distempers, water proofing cement paint etc. approved from the Engineer – in- charge before procurement of materials.
54. The contractor shall be required to produce samples of all materials sufficiently in advance to obtain approval of the Engineer – in – charge. Subsequently the materials to be used in the actual execution of the work shall strictly conform to the quality of samples approved. In case of variation, such material shall be liable to rejection.

**Executive Engineer
“A” Division, CPWD
New Delhi.**

SCOPE OF WORK

Following area / buildings / services are covered for maintenance under the scope of this work. However, these may slightly vary depending on the exigencies

4/A Sub Division

Rashtriya Swachhata Kendra (RSK) (Plinth area = 955.00 sqm)

1. **Services to be maintained by contractor:** *These activities shall be governed as mentioned in item No. 1 of day-to-day maintenance.*
 - i. All open and covered storm water drains / sewer lines etc.
 - ii. Scavenging of the office premises i/c roads, pavements, footpaths, common staircase, verandahs, corridors, lounges, cleaning of roofs/ terraces, removing of plants, vegetations, trees (of all height and Girth) from buildings, roofs, walls, garages etc.
 - iii. Common toilet etc., Sewa Kendra, Dhallao, Dustbins, signage boards etc.
2. Cleaning of all sewer lines i/c all manholes inside the building & within campus storm water drains, open drains, gully traps etc. as per complaints received and as per direction of Engineer-in-charge.
3. Following Type of Works included in the estimate.
- 3.1 **Civil works: -**
 - 3.1.1 **Day to Day Maintenance-** It shall consist of the following operations: -
 - (i) Receiving, recording, distributing & updating the day-to-day complaints through complaint register or by any other physical means etc.
 - (ii) Attending the daily complaints with required labour & material etc.
 - (iii) Monitoring of receipt, distribution, attending the complaints.
 - (iv) Cleaning of terrace/underground tanks periodically.
 - (v) Other misc. operations as referred in schedule of quantity for day-to-day maintenance
 - (vi) Running and maintenance of complaint register maintained.
 - 3.1.2 **Periodical Cleaning**
 - i) Periodically cleaning of over head / under ground water tanks of all office building under jurisdiction of 4/A.
 - ii) Periodically cleaning of Sewer / Storm water drains / lines in all campus area as and when required.
 - 3.1.3 **A/R and M/O Works:-**

It shall consist of following annual repair works: -

 - (i) White washing, distempering etc.
 - (ii) External finishing of blocks/building etc.
 - (iii) Other misc. items as per schedule of quantity & as per requirements.
 - (iv) Internal and external finishing shall be executed as per requirements.

CONDITIONS FOR DAY-TO-DAY MAINTENANCE

- The labour will be at the disposal of Engineer-in-charge. The labour will be remained present at service centre all the time as specified in below table. The minimum labour for 'Day to Day Maintenance service shall be provided as under:-

List of Minimum labour in a month

Category	Frequency	Timings
Supervisor	1 No.	9 AM to 6 PM
Beldar	3 Nos.	9 AM to 6 PM
Mason	1 No.	9 AM to 6 PM
Carpenter	1 No.	9 AM to 6 PM
Plumber	1 No.	9 AM to 6 PM
Sewerman	1 No.	9 AM to 6 PM
Painter	1 No.	9 AM to 6 PM
Security Guard	2 Nos. in each shift	Round the clock
Sweeper	3 Nos.	9 AM to 6 PM

2. TIME FRAME FOR ATTENDING COMPLAINTS

S No	Complaint Type	Time
1	No delay /Emergency Complaints (blocked drains/manhole, drain/manhole overflow, no water supply, water logging, water leakage, locked doors, dangerously hanging window/ door, complaints related to sewerage and plumbing work etc. or as directed by Engineer-in-charge.)	2 Hours
2	Minor Complaints (cleaning of drains, repairs to door, window complaints related to mason, welder and carpenter etc. or any such type of complaints as directed by Engineer-in-charge.)	3 Days
3	Major Complaints (replacement of door, window frames and shutters, plumbing and sanitary installation etc. or any such type of complaints as directed by Engineer-in-charge.)	10 Days
4	Periodical Complaints (White washing, painting, etc. or any such type of complaints as directed by Engineer-in-charge.)	30 Days

- No delay/ Emergency complaints–Complaints of emergent nature such as break down of services of plumbing or sewerage systems etc. are to be attended immediately

within 2 hours of lodging.

- 2.2 Minor Complaints – Complaints relating to the trades of mason, carpenter and welder are to be attended with in 3day sand specified time in the NIT.
- 2.3 Major Complaints – Complaints such as replacement of door, window frames and shutters, plumbing and sanitary installation etc. are to be attended with in shortest reasonable time within 10 days in consultation with Engineer-in-Charge.
- 2.4 Periodical complaints (white washing, painting, etc.) are to be attended with in shortest reasonable time within 30 days in consultation with Engineer-in-Charge.
- 2.5 Necessary Complaint Diary/complaint-attendance books shall be maintained by the contractor in respect of complaints received and shall be got signed by the clients, after attending.
- 2.6 In case of delay/failure to meet these above mentioned benchmark time in para 2.1 to 2.6, a lump sum amount of ₹ 100/- (Rs. One Hundred only) per complaint per day will be recovered from bill/ Security Deposit for each delay/ failure to attend the complaints assigned.
- 2.7 The contractor shall take immediate action to attend any complaint downloaded by him from CPWD e-SEWA Website / ERP Portal or assigned to him through site order book/ letters/ verbal instructions from Engineer-in-charge or received on telephone/ intercom/letters/ personnel visit from CPWD authority or occupants at each service center. Contractor shall handover to attend the complaints in the bench mark time as mentioned in para 2.1 to 2.6. In no case the % of complaints attended in time every calendar month shall be less than 90% at each service centre in case of civil works complaints. In case of failure on part of contractor to meet these parameters a lump sum amount of ₹20000/- per month shall be recovered from contractor's bill for every such month of default for each service center. If this % falls below 80% in each service centre in case of civil works complaints, additional lump sum amount of Rs. 50000/- per month shall be recovered from contractor's bill for every such month of default for civil works.
- 2.8 In addition to this, if based on feedback taken by Call Centre, the percentage of satisfied clients falls below 90% for Civil complaints as well as Electrical complaints, a lump sum amount of Rs. 20,000/- shall be recovered from Contractor's bill for every such month of default from civil and electrical bills respectively. If this percentage falls below 70% in case of Civil complaints a lump sum amount of Rs. 50,000/- shall be recovered from Contractor's bill for every such month of default from bills. The reports generated by CPWD Sewa / ERP every month shall form the basis of above recoveries and binding on the Contractor. No dispute on this matter shall be entertained.
- 2.9 Record of complaints, attendance register and other records will have to be produced either daily, according to the requirement or when asked to do so by the Engineer-in-Charge or his authorized representative.
- 2.10 The contractor or his Engineer at each Service Centre shall maintain complaint register etc. as required for different natures of work at service centre etc.
- 2.11 In order that the contractor may take daily instructions regarding all complaints /works except day-to-day maintenance, a site order book will be maintained at each service center. The JE will note down the work in office / rooms to be attended to and the dates on which the work in these office / rooms is to be started.
- 2.12 Day to day repairs is to be carried out in all the buildings under maintenance of this contract. For this purpose, a compliant register shall be maintained for recording of the

- complaints received at Service Centre through personnel visit/on phone/intercom/through call centre/ordered/intimated in writing by CPWD staff/alloottees/Engineer-in-charge or his authorized representative.
- 2.13 The purpose of these facilities is to ensure satisfactory continuous functioning of various services in the buildings.
 - 2.14 The Service centre and its infrastructure shall be kept in good condition and in coordination with J.E. & A.E and to the satisfaction of Engineer – in – charge.
 - 2.15 The complaints which cannot be attended as minor complaint, shall be transferred to the major complaint for which the instructions of the JE/AE/EE shall be obtained before taking up the work on daily basis.
 - 2.16 Similarly, complaints registered for addition/ alteration works shall be transferred to periodic/Special Repair and shall be submitted to AE-In-Charge for the completion of the formalities.
 - 2.17 Operations in which assistance shall be provided by the agency to CPWD.
 - a. Informing to the CPWD engineers regarding the failure in any service being provided by other departments, in so far as they affect the assets being maintained under this contract, so that they can be taken up with the concerned local body / department for rectification.
 - b. Assisting the department in detection of unauthorized encroachments in the area being maintained.
 - c. Contractor or his authorized representative shall ensure connectivity/availability on mobile phone round the clock.
 - d. Contractor shall provide alternate mobile/telephone no. for ease of communication, if so required.
 - e. Contractor shall ensure to attend/respond to the Individual complaints within the time prescribed in CPWD e-Sewa.
 - f. Contractor shall follow the Department's Citizen Charter and Model Code of Conduct for workers behavior as decided by Engineer-in-Charge.
 - g. Contractor shall facilitate Visitors while they visit to Service Centre for lodging complaint in person.
 - h. Complaints received telephonically, personally or through a mode other than 'CPWD Sewa /ERP ' shall be entered into CPWD Sewa /ERP and attended in the same manner as prescribed for the complaints received through CPWD Sewa /ERP.
 - 2.18 Each worker shall maintain a Complaint diary and get the feedback recorded from the clients regarding attending the complaints. In case, it is found that the complaint has not been attended satisfactorily, it will be considered as unattended. List of such complaints shall be submitted to the Assistant Engineer- in-Charge or his representative on daily basis. The Contractor or his Engineer at the Service centre shall also maintain Complaint register for recording the complaints.
 - 2.19 When a register/diary gets completed, it will be handed over to the concerned J.E. / A.E. It will not be returned to the contractor and the same will remain the property of the department.
 - 2.20 All required register will be issued by Engineer-in-charge duly marked in chronological order but the contractor will have to arrange all such registers/stationery etc. Nothing extra shall be paid on this account.

- 2.21 The contractor shall have to provide suitable communication arrangement at site so as to enable the staff on duty to acknowledge complaints made by clients & to attend the complaints promptly.
- 2.22 The Engineers, Supervisors and staff including skilled and unskilled workers of the agency shall carry mobile telephone(s) to enable the Engineer-in-charge to have easy and quick communication. Nothing extra shall be paid to the Contractor on this account and his quoted rates for various items under this contract will be deemed to be inclusive of the expenditure towards such Mobile connections and use thereof.
- 2.23 Complaint Diary attendance registers and other records will have to be produced either daily according to the requirement or when asked do so by the Engineer-in-charge or his authorized representative.

3.1 The qualification of staff should be as below: -

Sl. No.	Staff	Qualification
1	Mason / Plumber / Carpenter	Should have passed ITI Diploma or equivalent Qualification in the trade with suitable experience to the satisfaction of Engineer – in – charge or AE/JE.
2	Beldar /Security Guard / Sweeper / Sewerman	Should be physically fit
3	Supervisor	Graduate having minimum experience of 5 years from reputed Firm/ Government Department

- The above deployment of Staff/ Labour is indicative only. If the number of labours is not being deployed as mentioned above in table, the necessary recoveries as stated in NIT will be made. The numbers of Staff/ Labour may be increased as per the requirement of site as per direction of Engineer-in-Charge.
- The contractor will engage minimum labour as mentioned above and maintain biometric attendance / face recognition records of all the staff, biometric attendance machine shall be provided by department and rupees 1000/- per month will be deducted from the bill of agency on account of maintenance charge and other expenses of machine. which will be checked by the Junior Engineer/Assistant Engineer/Executive Engineer-in-charge of the work. In case of absence of any staff from duty as mentioned above, an alternate employee of same qualification shall be provided by agency for execution of work of same nature otherwise recovery shall be made at following rates:
 - Supervisor @ Rs.2000/- (Two Thousand only) per day/person.
 - Skilled @ Rs. 2000/- per day/person.
 - Semi-skilled @ Rs. 1750/- per day/person.
 - Unskilled @ Rs. 1500/- per day/person.

Note 1 :- For the purpose of categorization of staff as skilled, semi skilled and unskilled, the Supervisor / Mason / Plumber / Carpenter/Welder shall be taken as skilled, Painter shall be taken as semi skilled and seweran/ Security Guard /sweepers / Beldars shall be taken as unskilled.

Note 2 : All the manpower deployed at site shall be required to mark biometric attendance/ any other system decided by Engineer-in-charge in their respective service centre. Working hours shall be calculated based on this system attendance.

Note 3 : If required, duty hours and location to be deployed of the workers can be changed by the Engineer-in-charge and nothing extra shall be paid on this account.

3. The salary (as per minimum wages published in latest circular of Ministry of Labour and Employment, Govt. of India) will be paid to labour by the 7th day of each month compulsorily through Bank/ ECS/ online payment and EPF & ESIC contribution will also be deposited simultaneously. The proof of payment (Bank/ ECS/ online transaction) of salary will be submitted in the office of Engineer-in-charge by the 10th day of each month. In case of non payment of salary in specified time there will be a penalty of Rs. 300/- (Rupees three hundred only) per worker per day till 15th day of each month. After the 15th day of month, the penalty shall be Rs. 600/- (Rupees Six Hundred only) per day per worker till the final payment is made shall be imposed. The agency shall submit duly verified copy of bank statement showing transaction of payment to the workers.
4. There will be daily Biometric Attendance (face recognition) or as specified by Engineer-in-charge of the labour and workers mentioned in NIT. These labours/ workers shall be available as per respective time mentioned in NIT. However, in case of any urgency or time bound work, the Contractor shall deploy extra labour for timely completion of work at No Extra Cost. No half done/ incomplete work shall be left for the next day for *Day – to – Day* maintenance unless and until it does not cause inconvenience to the allottee. Biometric attendance machine shall be provided by department.
5. The labour/workers/staff deployed by the Contractor against ‘Day to Day Maintenance work shall be disposal of direction of JE/AE of service centre and suitably managed for prompt attending the day to day complaints and this labour shall not be used for A/R & M/O and Special Repair work. If it is found that the labour deployed for ‘Day to Day Maintenance work’ has been engaged for A/R & M/O’ works or ‘Special Repair Work’, or any other work necessary recovery shall be made as mentioned in NIT as per respective category.
6. One Competent Supervisor shall be provided to monitor the ‘Day to Day Maintenance or A/R & M/O’ work being carried out by the labour engaged by the Contractor for each Service Centre to interact with the clients. The Supervisors shall be properly and neatly dressed, well trained, courteous, well behaved, soft spoken and should have basic knowledge of Building Maintenance work. He will not enter into argument with the Allottee for any reason. All the contentious issues will be brought by him to the notice of CPWD officials.
7. The Complaints are required to be attended as per Stipulated Time Frame. The entry of having attended complaint shall be recorded in the CPWD Sewa system/register by the Contractor or as per direction of J.E./A.E. in charge.
8. All the labours engaged by the contractor should be efficient labour. Courteous, well dressed in uniform (shall be arranged by the agency at his own cost), well trained and should wear the Personal Protection and will not leave the site/office before time without approval of the J.E/A.E. incharge.
9. The contractor shall have registration with EPFO and ESIC for safe guarding interest of his work men. The contractor shall make deduction on account of EPF & ESI to labour/staff deployed by him on the work and will furnish detail of each worker at division office every month. The contractor has to follow are statutory rule sand regulation in force.
10. Police verification of every staff deployed by the contractor shall be got done by the contractor compulsorily in coordinate under JE & AE and a copy of police verification and his Aadhar Card/ Voter ID or any other Identity Card copy shall be provided to Engineer-in-Charge after which an identity card shall be issued to each employee of the contractor for proper identification. The employee and labourers engaged by the

contractor under this contract shall wear neat and clean uniforms as approved by Engineer-in-Charge along with name badges.

11. The staff employed by the firm for the maintenance works shall wear proper uniform. The Monogram/ badges shall be fixed on the uniform. The contractor shall have to arrange for issue of identity cards as per direction of the Engineer-in-charge for all the staff members deployed with in one week of the start of the work. Nothing extra shall be paid on this account. Contractor will also submit two extra photographs with full address of each worker for record. If contractor fails to do so, the department shall recover Rs.100/- (one hundred) only per day/ per person for this default from the contractor's bill.
12. The staff engaged by the contractor should be physically and mentally fit and should be well behaved, polite and courteous. Any complaint against staff on behavior would be taken very seriously and such staff shall have to be removed by the contractor immediately from the site. The replacement for the same shall be arranged without loss of time failing which the Engineer-in-Charge has the power to cancel the contract and the contractor shall have no right to claim for loss/compensation.
13. Each skilled staff shall maintain a complaint diary and get the feedback recorded from the complainants regarding attending the complaint. In case, it is found that the complaint has not been attended satisfactorily, it will be considered as unattended. List of such complaints shall be submitted to the Assistant Engineer-in-Charge or his representative on daily basis.
14. The contractor shall submit duty roaster in duplicate in coordination with JE & AE within a week from the date of start of work and there after two days before the close of every month if staff is changed.
15. Shift timings can be changed as per the requirement at site and as per the decision of Engineer-in-Charge.
16. The contractor has to keep the sensitiveness of site in mind for execution of the work and deployment of staff.
17. The contractor will be fully responsible for the conduct of the staff deputed at site. The Engineer-in-Charge reserves the right to remove/ terminate the services of worker without assigning any reason whatsoever.
18. No claims of the labourers shall be pertained by the Department including that of providing employment, regularization of services etc.
19. Safety codes and Labour Regulations: - In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for safety provision as per the statutory provisions, B.I.S. recommendations, factory act, workman's compensation act, CPWD code and instructions issued from time to time. Failure to provide such safety requirement would make the firm liable for penalty as decided by Engineer-in-charge. This office will not be responsible for any mishap, injury/death of the staff.
20. Contractor shall pay fortnightly/monthly payment to staff through Bank or ECS or online transfer.
21. Contractor shall submit fortnightly labour report along with details of payment made to staff engaged for this work in two copies. Payment details shall include name of worker, bank account details, amount due, amount paid and transaction number.
22. Contractor shall make payment to workers at the rates not less than the prevailing rates payable as per minimum labour rates published by labour department of Govt.of India time to time.

23. All the maintenance materials to be used at site shall be of preferred make only and shall be got approved from Engineer-in-charge before use.
24. Articles manufactured by the reputed firms and approved by Engineer-in-charge shall only be used only articles, classified as 1st quality by the manufacturer shall be used unless otherwise specified in case articles bearing ISI certification is not available in the market quality of samples got by the contractor shall be judged by standards laid down in relevant CPWD specifications for the items not covered by CPWD specifications relevant BIS standards shall be apply. The samples of materials to be brought to the site for use in work shall be got approved from the Engineer-in-charge before actual execution of work.
25. The contractor shall have to carry out the work other than day to day maintenance according to program given by the Executive Engineer / Assistant Engineer / Junior Engineer-in-charge. The contractor shall not carry out any work in any building without permission of Engineer-in-charge or his authorized representatives. The contractor shall have to adhere to this program failing which he shall be wholly responsible for any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and Signature shall be attested by the contractor for record in the department.

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SPECIFICATION AND SPECIAL CONDITIONS FOR “MAINTENANCE WORKS”

1. The contractor is advised to get acquainted with the proposed works & its site and also study the specifications and special conditions carefully before bidding. No claim of any sort shall be entertained on account of any site conditions & ignorance of specifications and special conditions.
2. The works shall be carried out as per CPWD specifications 2019 Vol. I & II with up to date corrections slips unless otherwise specified in the nomenclature of the individual items or in the specifications attached. At the points where specifications are silent, the instructions of the Engineer-in-charge shall be final.
3. In the event of any discrepancy between the nomenclature of the item of work as per schedule of quantities and the attached specification 2019 Vol. I & II, the nomenclature will prevail.
4. In the event of any discrepancy between the CPWD specifications 2019 Vol. I & II and special conditions attached, the special conditions shall prevail.
5. Unless otherwise provided in the schedule of quantities the rates bided by the contractor shall be inclusive of all leads and lifts and shall apply to the heights and depths of the building and nothing extra shall be payable on him on this account.
6. The rates for all items of work, shall unless clearly specified otherwise, include the cost of all labour, materials and other inputs involved in the execution of the items of work.
7. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, carriage, sales tax and stacking at required place etc.
8. All materials obtained from Govt. stores or otherwise shall be got checked by the Junior Engineer-in-charge of the work on receipt of the same at site of work before use.
9. The contractor has to make his own arrangement for all T & P like ladders, ghoree, sutli, empty containers, brushes and paper, kuchies etc. required for work and nothing extra shall be paid for the same.
10. The contractor shall get approved the brands/shades of dry distemper, oil bound distemper, synthetic enamel paint, plastic emulsion pain etc. from the Engineer-in-charge before supply of the materials.
11. Materials shall be brought to the site of work in original containers with the manufactures seal intact.
12. The materials required for day's work shall be issued to the contractor or his authorized representative daily by the Junior Engineer-in-charge of the work any balance of the material left at end of the days of work and empty containers shall be returned to the Junior Engineer. The day to day issue account of the materials shall be maintained by the Junior Engineer-in-charge and shall be signed daily by the contractor or his authorized agent in token of receipt of the materials failing which no payment of bill shall be made to the contractor. The empty containers shall not be removed from the site of work, without written orders of the Engineer-in-charge.
13. Before the commencement of work, the contractor shall prepare one sample as instructed by the Engineer-in-charge for approval of the Engineer-in-charge. After the sample is approved by the Engineer-in-charge, the contractor shall be allowed to

commence of the work and quality of work shall confirm to the approved sample.

14. Before the commencement of work, the contractor shall draw up programme in consultation with the Engineer-in-charge for the execution of work so as to inform the occupants of the office flat/building at least one week in advance regarding the execution of the work.
15. In case the office, rooms/buildings/flats are not made available to the contractor according to the programme, the contractor shall not be entitled for any claim for idle labour or any other claim on any account what-so-ever.
16. Defective work/substandard work or work not done according to the specifications of the contract shall be liable for summary rejection & shall not be measured and paid for. This shall be without prejudice to taking any other action the contractor in accordance with the terms & conditions of contract.

The contractor shall depute his representative daily to the site of work. The name and signature of his representative attested by the contractor shall be intimated Engineer-in-charge.
17. The entire work shall be carried out in close co-operation with all other agencies working in the building. The contractor(s) shall not be entitled to any compensation on account of temporary stoppage of work due to other constructions.
18. Scrapping shall be shown to the Assistant Engineer and got approved and test checked by him prior to distempering.
19. Deviation in quantities shall be done only with prior written permission of the Engineer-in-charge. Deviation in quantities done on the order of other than the Engineer-in-charge shall not be measure and paid for.
20. To avoid disputes later on, contractor in advised to get the measurement recorded within a week's time and shall submit his bills as per relevant clause (6A) of contract. Any dispute regarding measurement including work done shall be judged within a week's time failing which measurement, certified and recorded, shall be entertained.
21. Contractor has to bring to site of work the entire quantity of lime of approved quality before the start of the work. The mixing of lime will be done in the presence of the Junior Engineer-in-charge.
22. Any damage to the building, furniture, fittings of any other articles etc. done by the contractor or his workmen during the execution of work, shall be made good by the contractor, failing which the same shall be made good by the Engineer-in-charge or his authorized representative at the risk and cost of the contractor.
23. All doors, windows, floors, furniture, electrical fittings and other articles shall be protected from dust, splashes & damaged sufficient covering for the day's work shall be shown to the representative of the Engineer-in-charge before the contractor is allowed to proceed with the work, splashes & droppings from white washing, colour washing, distempering painting etc. on walls, floors, doors and window, down take pipes, furniture shall be removed by the contractor at his own cost and surface cleaned simultaneously after the completion of the day's work is done, without waiting for the actual completion of the other items of work of the contract. In case the contractor either departmentally or through another agency without issue of any notice to the contractor, on his account. The representative of the Engineer-in-charge will however, mention about it in the site order Book employing the labour on the job at the contractor's cost.
24. The contractor should be write their correct postal address on the application for bid

papers. In case it is found that the address given in their application is not correct and as a consequence of the same if any registered letter sent through postal authorities is received back by the department undelivered to the contractor, the contractor shall be fully responsible for all the consequences and by such letter through registered post shall be deemed to have been delivered to him.

25. No hindrance shall be granted on account of National Holiday/Restricted holiday/Rainy season/ festivals etc.
26. All the malba or rubbish obtained from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. This shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Engineer- in-Charge. A compensation of Rs. 1000/- (Rupees one Thousand Only) shall be levied from the Contractor for each complaint/ default/ per day.
27. This Estimate has been prepared for day to day maintenance, hence work is required to be done in piecemeal nothing extra shall be paid on this account.
28. If the agency fails to remove/ rectify the defects within 03 days from the date of issue of directions through Whatsapp or E-mail or Correspondence or site register, a penalty shall be imposed at a Rate of Rs. 2000/- per day calculated on the basis of No. of days delayed.

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ADDITIONAL CONDITIONS FOR “ MAINTENANCE WORKS”

1. Substandard work shall be rejected out rightly and nothing shall be paid on this account.
2. Day to day program shall be taken from the Junior Engineer-in-Charge of the work and contractor shall have to execute the work accordingly and no claim whatsoever shall be entertained due to any unforeseen change of programme.
3. The doors, windows floors and furniture if any shall be protected by suitable covering etc at the time of execution of work.
4. All precautions will have to be taken to prevent damage to the structure during the execution. Any such damage if occurs shall be made good free of cost.
5. The rates include all leads and lifts i.e. on all the floors. No claim on this account will be entertained.
6. Before the start of work the sample of the items to be executed shall be got approved from the Engineer-in-Charge and the same shall be strictly followed everywhere.
7. For any change of shade if strainer is required to be used the contractor shall make his own arrangement for strainer of approved manufacture at his own cost.
8. Wherever two or more coats of work on old work is mentioned it will mean doing the work wherever scrapping has been done.
9. No. T&P shall be issued by the Department.
10. Contractor should see the site and conditions of existing splashes, paint works etc and quote rates accordingly.
11. Measurements for work done shall only be recorded after full removal of splashes of the white wash / distemper / paint / water proofing cement paints etc. In case of non-removal of the splashes the cost of their removal shall be recovered from the contractor at the direction of Engineer-in-charge.
12. The contractor shall have to produce original voucher to check the genuineness of material, such as paint, distemper, water proofing cement paint and primer etc.
13. The contractor and/ or his authorized representative should inspect the site order book every day and got the compliance noted by the JE/ AE Engineer-in-charge.
14. All the materials shall be got approved from the Engineer-in-charge before, it is put to use. Before the start of work 100% of the total requirement for material will have to be deposited with the concerned AE/ JE in first instance. Who shall also maintain an a/c of these materials and submit them with the bills for checking.
15. The contractor shall be issued materials for day to day work, according to the numbers of men deployed by him. The unused materials should be returned by him at the end of the days work along with the empty containers etc. The empty containers shall be preserved till the completion of the work and the clearance to remove them in given by the Engineer-in-charge in writing.
16. All nails holes etc shall be repaired with lime plaster or with glazer putty as required without any extra payments.
17. All doors, windows, floors, furniture, electrical fittings and other articles shall be cleaned free from dust, splashes and damages; sufficient covering for the days work shall be shown to the representative of the Engineer-in-charge before the contractor is allowed to proceed with the work. Splashes and dropping of white wash from, glass panes down take pipes, furniture, shall be removed by the contractor at his own cost and the surface cleaned simultaneously after the completion of the days work in individual room or bungalow or

premises where the work is done without waiting for the actual completion of all the other items of work in contract.

18. Full quantity of material purchased from authorized dealers with their cash memos like paint/ distemper/ cement paint/ OBD/ plastic emulsion of the firm indicated in the items or elsewhere shall be deposited with the JE concerned before starting execution.
19. The Substandard work shall be rejected outright and shall not be measured and nothing extra shall be paid for it. The decision of the Engineer-in-charge shall be final and binding in this regard.
20. In case material consumed is less than the permissible variation then the work beyond theoretical consumption including variation shall be treated as substandard and quality for payment purpose will be restricted to as per material actually consumed.
21. Scrapping shall be shown to the AE and got approved prior written permission of Engineer-in-charge.

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SPECIAL CONDITIONS FOR HOUSEKEEPING WORK

1. The Housekeeping work is required in RSK, New Delhi which is a sensitive and high security zone Building. The successful tenderer has to follow the security requirements in his day-to-day work.
2. The detailed technical schedule for Housekeeping along with the details of machines & chemicals to be used (with specified brands & makes) and frequency of various cleaning operations required to be carried out shall be adhered to as per the details available in the tender document otherwise recovery at the rate mentioned in NIT shall be carried out. The decision of Engineer-in-charge in this regard shall be final and binding upon the contractor.
3. The contractor shall have to clean the area as per frequencies mentioned. However, the cleaning shall have to be done more frequently if required for proper housekeeping, upon getting the instructions of the Engineer-in-charge, for which nothing extra shall be paid.
4. It must be borne in mind that some activities need to be started early in the morning and completed before 9.30 AM. Similarly some other activities can be done only on Saturdays or other holidays, to avoid inconvenience to the users of the building. The work on all Saturdays and Holidays shall be carried out at no extra cost.
5. The tenderer whose tender is accepted shall submit daily housekeeping plan so as to help the CPWD officers to monitor and check that the housekeeping work is being done according to the schedule of frequencies mentioned.
6. The contractor shall work in close coordination with officials working in various rooms/halls, including staff of Committee Room, Canteens, pantries, etc. and modify working schedule if required as per users convenience, No claim whatsoever on this account shall be entertained.
7. The department shall provide space for storage of machines, materials and chemicals as per availability for which no rentals for space will be recoverable. However, no extra payment shall be admissible for carriage/ shifting etc.
8. The existing building has costly finishing on walls, ceiling and floors etc. The contractor shall make necessary arrangements at his own cost to prevent any damage to existing work due to any of his activities. The contractor shall be responsible for any damage to the existing work due to his activities and shall make good the same at his own risk & cost. The decision of Engineer-in-Charge regarding cause and cost of damage shall be final. In case the contractor fails to make good the damage to the entire satisfaction of Engineer-in-charge, it shall be done at his risk & cost by the Engineer-in-charge whose decision shall be final.
9. The information & site data mentioned in the tender documents are being furnished for general information & guidance only. The engineer-in-charge, in no case shall be held responsible for the accuracy thereof or any interpretations or conclusion drawn there from. The contractor shall verify such data to his entire satisfaction before quoting the rates.
10. No tools & plants including special T & P etc. shall be supplied by the department and the contractor will have to make his own arrangements at his own expense for all machines, chemicals, materials, toiletries, consumables, etc.
11. The contractor shall dispose of garbage, malba, rubbish & other unserviceable materials and waste at their own cost to the notified/ specified NDMC/MCD dumping ground and

under no circumstances these shall be stacked/ dumped even temporarily within the building, or the surrounding premises.

12. Tendered rates shall be for completed work covering all materials, labour, carriage, machinery & equipment, royalties fees, rent & GST, entry tax wages, tools and plants transportation, risks, overhead general and special liabilities/obligations as mentioned and profits etc. all complete except service tax. Contractor shall pay necessary taxes, such as GST, as above to relevant authorities.
13. Materials and chemicals required shall have to be brought by the contractor in advance for each quarter. It may be noted that the material and chemicals required shall have to be brought at site and shall be kept in the safe custody of Junior Engineer-in-charge of Rajghat.
14. The standard of sanitation/ cleanliness shall always be to the satisfaction of the authorized representative of the Engineer-in-charge whose decision in this regard shall be final and binding on the contractor. In case of default, Engineer-in-charge may get the improvement done at the cost of agency without any notice.
15. The Sweeping/ cleaning/ scrubbing/ vacuum cleaning/ buffing etc. all shall be carried out by machines only. However, in exceptional cases where cleaning is not possible with machines, manual cleaning will be permitted with the approval of Engineer-in-charge only.
16. The contractor shall arrange necessary water supply fitting, flexible pipe etc. for taking water from water taps provided in the building for the work of housekeeping at his own cost.
17. The tenderer should provide minimum number of staff as per details in the tender document. In case the tenderer fails to deploy services of minimum staff as mentioned, the recovery shall be made at the rate as specified in NIT. The staff in uniforms and name card as approved by Engineer-in-charge only shall be allowed for duty. The workers shall be supplied with sufficient sets of uniforms by the contractor so that they wear them at all time and keep them clean.
18. All the materials/ chemicals/ consumables brought to site shall be protected suitably, duly wrapped/ packed & stored so as to avoid any damage during loading/ transportation/ unloading & handling due to weather conditions etc. at any stage.
19. Materials and chemicals of approved quality as mentioned in the tender document shall be used. In case any material/ chemical required to be used is not marketed by approved manufacturers, equivalent material of the same quality as approved by Engineer-in-charge in writing shall be used. The consumption of material/ chemicals shall be regulated as per manufactures specifications and or as per actual requirement or as specified by Engineer-in-charge.
20. If any material is not mentioned in the tender document but required at site for housekeeping work shall be brought by contractor as approved by Engineer-in-charge, extra cost shall be payable as decided by Engineer-in-charge whose decision shall be final and binding.
21. The room fresheners shall be provided/ sprayed in the open public area as well as in Conference Room and rooms earmarked for Dy. Director's / Executive Engineers and above or as directed by Engineer-in-charge.

22. Machinery/ equipment of approved make only are to be used. Machines procured by agency will remain the property of the agency and will be maintained by agency at his / their own cost. In case the machinery/ equipment required to be used is not marketed by approved make, equivalent equipment of the same quality as approved by Engineer-in-charge in writing shall be used.
23. The tenderer should procure the required equipments /machines for housekeeping within seven days of issue of letter of acceptance as per the numbers and machines specified in the tender document.
24. Machines/ equipments brought by the contractor should always be in working condition, if any defects occur in the machinery the same shall be repaired and made workable within two days. However till such time he has to make an alternative arrangements to maintain the premises cleaned at his own cost, and for this alternative arrangement, nothing extra is payable. No machine shall be out of order for more than 2 days. If it remains out of order beyond this time, recovery shall be made at the rates specified in the tender document for number of days for which machines remain nonfunctional.
25. The cost of running charges of machines i.e fuel/petrol or battery i/c replacement of parts etc. shall be borne by the contractor and nothing extra is payable on this account.
26. For maintaining the machinery in running conditions, the contractor shall carry out the comprehensive AMC with spare parts for the machines which he proposes to utilize for the purpose of carrying out this work from the manufacturers of the machines or authorized service agencies.
27. The successful tenderer has to tie up with approved manufacturers for Machines & Chemicals required for execution of work. The agreement with the approved manufacturers should also provide for proper training to be imparted to the workers and stipulate that their representatives shall visit the premises once in a month (or more often as required by the Engineer-in-charge) to ensure that the operations of the machinery and the use of their chemicals is efficient and effective.
28. The contractor has to engage Supervisor having sufficient work experience. If the contractor fails to deploy Supervisor the recovery shall be made as mentioned in the tender documents.
29. The Supervisor shall supervise all the work carried out by the Sweeper and machine operators. He will be responsible for carrying out work upto the satisfaction of Engineer-in-charge. He will visit in each toilet twice a day to supervise the work carried out by the workers and mark his attendance /initial in the log sheet pasted in the backside of the main door of the toilet. The signature marked by him in the log sheet will indicate that the cleaning or condition of the toilet is hygienic and it will be randomly checked by the Junior Engineer /Assistant Engineer in charge of the work. If it is found that the toilet is not in hygienic condition or cleaning is not upto the satisfaction of Engineer-in-charge a penalty of Rs. 500/- per occasion/per day shall be levied/ recovered from the bill of the contractor. The Supervisor shall also responsible for up keeping of toilet accessories including filling of required perfumes and toiletries.
30. Whenever meeting in the conference Rooms and or function in the canteen halls takes place, the contractor has to ensure that workers and Supervisory Staff as per requirement shall remain present within the Rajghat till the meeting and or function is over for which nothing extra is payable.

31. Consumables and toiletries shall be provided as per actual requirement of site as list provided in the tender document.
32. **Being the period of the execution 3 months. 10CC is not applicable.**
33. For any deficiency in providing service, suitable penalty as deemed fit by Engineer-in-charge, whose decision will be final and binding, will be levied.
34. 01 Nos. Jet Machine, 01 Nos. Single Disc, 01 No. Ladder of Height 15', 02 Nos. Covered Rikshaw, PVC pipe, mug, dustbin as per requirement should always be available at site in working condition during all days of the year in working condition by the contractor. In case failure recovery shall be made as mentioned in NIT from the contractor bill @ 500 per day per machine.
35. Washing of area is included in items; nothing extra shall be paid on this account for providing cleaning machine.
36. Contractor shall employ trained workers in the respective field after obtaining approval from Engineer-in-charge or AE/JE.

SPECIAL CONDITIONS FOR WATCH & WARD

1. The entire area of **RSK** (building & premises) shall be placed under security by the agency on each day upto the satisfaction of Engineer-in-charge.
2. The contractor shall employ each security guard for Eight Hours duty. Contractor has to provide the security in the **RSK** round the clock, including Sundays and holidays and nothing extra shall be paid on account of holidays work.
3. The contractor shall employ Security Guard (in Uniform) in each shift at **RSK as per direction of Engineer-in-charge**, including all T & P such as Torch, Whistle, Lathi, Smart Phone with whatsapp fully functional during duty hours as per direction of Engineer in Charge and nothing extra shall be paid on this account.
4. All the security guards employed should bear good moral character. Certificate from Tahseeldar/ SDM or any other class-I Gazetted Officer should be produced before submitting first R/A bill.
5. The contractor shall be bound to provide guards in anywhere in campus area as and when directed by the Engineer-in-charge. Nothing extra shall be paid on this account.
6. The agreement can be terminated even before the stipulated period without assigning any reason. Contractor's claim will not be entertained on this account.
7. The contractor shall be required to produce the wages payment registers with every bill duly certified by the representative of the Engineer-in-charge all the liabilities due to mishappenings of any kind with any of the employee shall be borne by the contractor. Any compensation, which becomes due to any reason to his employee as per workman compensation act /any other prevailing act shall also be borne by the contractor.
8. The agency may be asked to disengage any particular guard at any time without assigning any reason what so ever.
9. Contractor shall indemnify the Engineer-in-charge against any claims by the workers employed for which he himself will be fully responsible.
10. The payment shall be made for the actual hours of duty performed by workman of the agency.
11. The contractor shall also give training to keep away anti social elements from the park and proper parking of vehicles outside **RSK** premises.
12. Security guard can be deployed by Engineer-in-charge at any point of the campus as per requirement.
13. Contractor shall be responsible for any type of theft from the campus and if any negligence is found from the side of contractor (as decided by engineer-in-charge). The cost of the material shall be recovered from the payment of the contractor.

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CONDITIONS FOR CEMENT

- 1 The contractor shall procure 43 grade (conforming to IS 8112) Ordinary Portland cement/ Fly ash based Portland Pozzolana Cement (PPC) as per IS: 1489 as required in the work, from reputed manufacturers of cement, having a production capacity of one million tonnes per annum or more, such as ACC, ULTRATECH, VIKRAM, SHREE, AMBUJA, JAYPEE, J.K., LAFARGE, L&T, BIRLA, JK LAKSHMI and Cement Corporation of India etc., i.e. agencies approved by Ministry of Industry, Govt. of India, and holding license to use ISI certification mark for their product. The **bidders** may also submit a list of names of cement manufactures which they propose to use in the work. The Engineer-in-charge reserves right to accept or reject name(s) of cement manufacture(s) which the **bidder** proposes to use in the work. No change in the tendered rates will be accepted if the Engineer-in-charge does not accept the list of cement manufacturers, given by the **bidder**, fully or partially. Supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking except for concrete from RMC producer where bulk cement can be procured. Samples of cement arranged by the contractor shall be taken by the Engineer in Charge and got tested in accordance with provisions of relevant BIS Codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS Codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer in Charge to do so. Only the cement with satisfactory test results shall be allowed to be used in the work.
- 2 The cement shall be brought at site in bulk supply of 10 tonnes or as decided by the Engineer in Charge.
- 3 The cement godown of the capacity to store a minimum of 1000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of the cement godown. The key of one lock shall remain with the Engineer in Charge or his authorised representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown.
- 4 The contractor shall supply free of charge the cement required for testing and shall also bear the testing, packing, sealing, transportation & other incidental charges. All these charges of approved laboratory shall be borne by the contractor.
- 5 The day to day actual issue/receipt and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per the procedure prescribed in clause 38 of the contract and shall be governed by conditions laid therein.
- 6 Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer in Charge.
- 7 In the event of it being discovered that after the completion of the work the quantity of cement used is less than the quantity ascertained after allowing variation on the minus side as per clause 38, the cost of quantity of cement not so used shall be recovered from the contractor, at the rate of Rs.6000/- (Rupees Six thousand only) per metric tonne. Decision of the Engineer in Charge in regard to theoretical quantity of cement which should have been actually used as per the schedule shall be final and binding on the contractor. This recovery will be in addition to any other recovery otherwise required to be done by the Engineer-in-Charge.

**Executive Engineer
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CONDITIONS FOR REINFORCEMENT STEEL

- 1.1 The contractor shall procure steel reinforcement TMT bars of grade Fe500-D grade from primary producers such as SAIL, TATA STEEL, RINL, JSW & JSPL or any other producer as approved by Ministry of steel. The TMT bars procured from the primary producers shall conform to manufacturer's specifications/ BIS specifications.
- 1.2 The specifications of TMT bars procured from primary producers shall meet the provisions of IS 1786: 2008 pertaining to Fe 500D grade of steel as specified in the tender.
- 1.3 The contractor shall produce original vouchers for the total quantity of steel supplied under each consignment and manufacturer's Test Certificate if required by the Engineer-in-Charge.
- 1.4 Samples shall also be taken and got tested by the Engineer -in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time of written orders from the Engineer-in-Charge to do so. Else the department shall remove it and recover double the cost of removal from the contractor
- 1.5 The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more, or as decided by the Engineer -in-charge.
- 1.6 The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
- 1.7 For physical and chemical tests, specimens of sufficient length shall be cut from each size of the bar at random and at frequency not less than that specified below:

Size of Bar	For Consignment below 100 tonnes	For consignments above 100 tonnes
Under 10mm dia bars	One sample (Three specimen) for each 25 tonnes or part	One sample for each 40 tonnes or part thereof
10 mm to 16mm dia bars	One sample (Three specimen) for each 35 tonnes or part	One sample for each 45 tonnes or part thereof
Over 16 mm dia bars	One sample (Three specimen) for each 45 tonnes or part	One sample for each 50 tonnes or part thereof

- 1.8 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor/ Department in the manner indicated below:
 - a) By the contractor, if the results show that the cement does not conform to relevant BIS Codes.
 - b) By the department, if the results show that the cement conforms to relevant BIS Codes
- 1.9 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 38 of the contract and shall be governed by the conditions laid therein. In case, the consumption is less than

theoretical consumption including permissible variations, recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment shall be made.

- 1.10 The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
- 1.11 For the purpose of payment, the actual weight of steel reinforcement / structural steel sections/ plates / bolts and nuts shall be measured as below:
 - a) Unit weight for reinforcement bars: The actual weight per meter of the reinforcement of various diameters shall be measured for three random samples collected (for each diameter of steel reinforcement) from each lot of particular diameter of steel reinforcement brought to the site for use in the work. For this, each sample (one sample consisting of three specimens) for each diameter of steel reinforcement shall be cut to require lengths and weighed and average weight calculated and recorded. The average weight for each type of steel section and steel reinforcement of each diameter shall be taken as the actual weight per metre for that steel section and that diameter of steel reinforcement.
 - b) In case actual unit weight is less than standard unit weights mentioned in CPWD specifications 2019 Volume 1, but within variation, in such cases payment shall be made on the basis of actual unit weight. However, if actual unit weight is more than standard unit weights mentioned in CPWD specifications 2019 Volume 1, then payment shall be made on the basis of standard unit weight in such cases. In such case nothing extra shall be paid for difference in actual weight and standard weight.
- 1.12 The work shall be carried out as per the relevant CPWD specifications.

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PARTICULAR SPECIFICATIONS

1.0 GENERAL

- 1.1) The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).
- 1.2.1) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries to be got approved from the Engineer-in-charge.
- 1.2.2) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality and shall be obtained from approved source to be got approved from the Engineer-in-charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.
- 1.3) Unless otherwise specified in the schedule of quantities, the rate of all items of the work shall be considered as inclusive of pumping out or bailing out water, if required, for which no extra payment will be made. This will include water encountered from any source such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.
- 1.4) All the materials required to be tested shall be tested as per provisions of the relevant I.S. Codes. Should there be any difference between acceptance CRITERIA given in I.S. Codes, C.P.W.D. specifications and special conditions, the acceptance CRITERIA shall be in the following order of precedence :
1. Special conditions
 2. C.P.W.D. Specifications
 3. I.S. Codes

2.0 PAINT BROUGHT BY THE CONTRACTOR

- 2.1 The contractors shall bring sufficient quantity of paint/primer/distemper etc. (all finishing items) in maximum one lot of brand & shade approved by Engineer-in-charge prior to the commencement of work & keep it in his stores at site of work under double lock & key.
- 2.2 Contractor have submit original voucher / cash memo of material purchased by him along with each running and final bill.
- 2.3 The paint shall be issued to the contractor from time to time according to requirements for the work in the same manner after as followed for issue of cement.
- 2.4 Empty container of supplied material shall be the property of department and a recovery at following rates shall be made from contractor's bill or shall be taken in Dismantled Account Register by Assistant Engineer/ Junior Engineer.
- (i) 1 ltr./kg. plastic/tin container @ Rs. 10/-.
 - (ii) 4/5 ltr./kg. plastic/tin container @ Rs. 20/-.
 - (ii) 20 ltr./kg. plastic/tin container @ Rs. 100/-.
- 2.5 Empty containers shall be removed only after the written permission of the Engineer-in-charge after completion of work, which shall be enclosed with the final bill.

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Special Condition regarding applicability of EPF and ESI and uploading of Labour Welfare Details. (OM No. DG/SE(C&M)/Misc/48 Dated:- 02/09/2015)

Applicability of EPF and ESI and uploading of Labour Welfare Details the following references

has been received from EPFO, ESIC and the Cabinet Secretary, Govt. of the India which should be followed:-

- i. While awarding various contracts, it should be ensured that the contractor shall have Provident Fund Code Numbers and also a condition be included in the NIT that any sub contractor engaged should also have Provident Fund Code.
- ii. The contract conditions should stipulate that all the workers deployed by contractors or sub contractors are enrolled as members of Provident Fund and should be given the Universal Account Number (UAN).
- iii. While clearing the bills of such contractor, certificate be obtained that all workers employing directly or indirectly by him are registered for EPF and the due contributions have been into their account.
- iv. The EPFO in their official website has also made facility to verify whether the contractor having Provident Fund Code Number are regularly depositing the PF contribution every month in respect of all the employees deployed by them. The failure to provide social security benefits to the workers engaged by any organization directly or through a contractor is a offence under EPF & MP Act.
- v. In case of default, the principle employer is liable for penal action. Ministries/Departments PSUs and other bodies need to ensure that the contractor who is providing outsourced staff is registered with EPFO and ESIC and payment to the contractor is made only after verifying that social security cover is being extended to such staff.
- vi. In view of above, it is now clear that EPF and ESI is applicable for construction worker also. Hence, CPWD contractor will have to be registered with ESIC and EPFO if number of workers deployed in a day is more than 10 or 20 in preceding one year respectively. Accordingly, the Labour Welfare Details may also be updated and uploaded for each and every ongoing work.

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LIST OF PREFERRED MAKE OF MATERIALS FOR CIVIL WORKS

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the **Engineer-in-Charge** are listed below. However approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to approval of the alternate brand by the **Engineer-in-Charge**.

THE LIST OF PREFERRED MAKES OF MATERIALS

S.No.	MATERIAL	MANUFACTURERS NAME
	CIVIL ITEMS	
1.	CEMENT	ACC, ULTRATECH, VIKRAM, SHREE, AMBUJA, JAYPEE, J.K., LAFARGE, L&T, BIRLA, JK LAKSHMI,
2.	REINFORCEMENT STEEL-TMT BARS-FE-500D GRADE	SAIL, TATA STEEL, RINL, JSW, JSPL
3.	STRUCTURAL STEEL SECTIONS	SAIL, TISCO, RINL, JSW, JINDAL STEEL & POWER, JINDAL, TATA
4.	STRUCTURAL STEEL TUBES/PIPES	JINDAL, TATA, APL APOLLO, ELECTRO STEEL, PRAKASH SURYA, LLOYDS
5.	READY MIXED CEMENT CONCRETE	ACC, LAFARGE, ULTRATECH, SHREE, ALCHON, L&T GRASIM, RMC READYMIX (INDIA), TECHNO PRIME RMC PVT LTD, VK READY MIX CONCRETE, SHRI RAM READY MIX CONCRETE
6.	SHUTTERING PLY	GREENPLY SHUTTERING PLY, ARCHID SHUTTERING PLY, EURO SHUTTERING PLY, BHUTAN TUFF
7.	SUPER PLASTICIZERS	MC BAUCHEMIE/FOSROC/SIKA/BASF/ CHRYSO/ VELOSIT/ PIDILITE
8.	WHITE CEMENT	BIRLA WHITE, J.K. WHITE
9.	AAC BLOCK	SHREE, INSTABLOCK, BILTECH, MAGICRETE, SIPROX, BIRLA AEROCON, J.K., CLAVECON INDIA PVT. LTD., J.K. LAKSHMI, ULTRATECH XTRALITE, TISCO BUILD
10.	BLOCK JOINTING MORTAR	JK LAKSHMI, BIRLA AEROCON SMARTFIX, MYK ARMENT, ULTRATECH, FERROUSCRETE, ARDEX, SIKKA, SAINT GOBAIN
11.	GLAZED CERAMIC TILES	RAK CERAMICS, KAJARIA, NITCO, ORIENT BELL, JOHNSON, SOMANY, ASIAN, AGL
12.	VITRIFIED TILES (DOUBLE CHARGED / GVT/ANTISKID /MATT FINISH)	RAK CERAMICS, KAJARIA, ORIENT BELL, JOHNSON, SOMANY, ASIAN, AGL
13.	WALL PUTTY	JK WHITE, BIRLA WHITE, ASIAN, BERGER, SAKARNI WALL GUARD, SIKKA
14.	PLASTER OF PARIS	JK LAKSHMI, SAKARNI, SHRIRAM, NIRMAN
15.	GYPSUM PLASTER	SAINT GOBAIN, SAKARNI, J.K. LAKSHMI, GYPTECH, GYPROX
16.	CC PAVERS, PRECAST CC KERB STONE, CC TILES, RCC SLAB/ GRASS PAVER	ULTRA, DURACRETE, KK MANHOLE & COVERS, TERRA FIRMA, UNISTONE, PAVIT, RESTILE, DALAL, KRISHNA
17.	SFRC/PRECAST C.C. COVERS	KK MANHOLE & COVERS, JAIN, PRAGATI, HINDUSTAN
18.	FLYASH BRICKS	POWER BRICK, YBW PROJECT, ASHTECH INDUSTRIES PVT. LTD.
19.	GLASS MOSAIC TILES	PALLADIO, CORAL, MRIDUL, BISAZZA, MMG TILES
20.	READY MIX PLASTER	BIRLA AEROCON, ULTRATECH, RAMCO, WEBER, LATICRETE
21.	SELF-DRILLING SCREWS	TW BUILDEX & BOUSTED, CORROSHIELD, ATUL FATERNERS LTD., WURTH, HP
22.	TACTILE	SOMANY, KAJARIA, ORIENT BELL, JOHNSON,

		ASIAN(AGL), RESTILE, PAVIT
23.	HEAT RESISTANT TILES	SOMANY, KAJARIA, ORIENT BELL, JOHNSON, ASIAN(AGL), RESTILE, PAVIT
	CONSTRUCTION CHEMICALS	
1.	INTEGRAL WATERPROOFING COMPOUND	FOSROC, PIDILITE, SIKA, SUNANDA SPECIALITY COATINGS, MYK ARMENT, MC BAUCHEMIE, MAKPHALT
2.	ADMIXTURES	FOSROC, SIKA, VELOSIT, BASF, STP LTD., MYK ARMENT, MC BAUCHEMIE, MAKPHALT
3.	TILE ADHESIVE	ARDEX ENDURA, MYK LATICRETE, FOSROC, VELOSIT, FERROUS CRETE, BALENDURA, SIKA UNICRETE, MAKPHALT
4.	GROUTING COMPOUND	PIDILITE, LATICRETE, SUNANDA SPECIALITY FOSROC, VELOSIT, MYK ARMENT, RACHTR CHEMICALS, CHOWGULE, STP LTD, SIKA, MAKPHALT
5.	EPOXY MORTAR/ GROUTING COMPOUND	FOSROC, VELOSIT, SIKA, MYK ARMENT, FERROUS CRETE MAKPHALT
6.	HIGH PERFORMANCE EPOXY BASED RESIN ANCHOR SYSTEM	BASF, FOSROC, HILTI, SUNANDA SPECIALITY COATINGS, WURTH, SIKA, MYK ARMENT
7.	POLYSULPHIDE / SILICON SEALANT	GE, DOW CORNING, PIDILITE, WACKER, SUNANDA SPECIALITY COATINGS, BENGAL BITUMEN, MYK ARMENT, MAKPHALT
8.	FLOOR HARDENER	PIDILITE, FOSROC, SIKA, VELOSIT, MYK ARMENT, ARDEX ENDURA, STAR COATING.
9.	FIRE RETARDANT PAINT	AKZONOBEL, PROMAT, NEWKEM, CARBOLINE
10.	APP MEMBRANE WATERPROOFING	PIDILITE, SIKA, STP LTD., SUPREME BITUCHEM INDIA PVT LTD, BENGAL BITUMEN, CHOWGULE, MYK ARMENT, MAKPHALT
11.	ADHESIVES	FEVICOL, ANCHOR, DUNLOP, 3M, PIDILITE, SIKA, VAM ORGANIC, MYK ARMENT, VELOSIT
12.	WEATHER SILICON SEALANT	WACKER, DOW CORNING, MCCOY, SUNANDA SPECIALITY COATINGS, RACHTR CHEMICALS, STP LTD, SIKA
13.	BACKER ROD	SUPREME IND.LTD., SYSTRANS POLYMERS, RACHTR CHEMICALS
14.	BITUMEN, CRMB-55, CRMB-60, PMB	INDIAN OIL, HINDUSTAN PETROLEUM, BHARAT, PETROLEUM, SHIVA ASPHALT, OOMS PMR PVT LTD, BENGALBITUMEN, STP LTD.
15.	SUNKEN PORTION / TERRACE WATERPROOFING CEMENTITIOUS TREATMENT	VELOSIT, FORSOC, SIKA, MYK ARMENT, MAKPHALT
16.	PVC WATER STOPS	FOXOPAM, MARUTI RUBBER, VELOSIT, SIKA
17.	CORROSION INHIBITING ADMIXTURE (ASTM G1, ASTM G3, ASTM G 109)	SUNANDA SPECIALITY COATINGS, BASF, FOSROC, SIKA, MYK ARMENT, VELOSIT, STP LTD.
18.	LIQUID APPLIED MODIFIED PU WATERPROOFING MEMBRANE, TERRACE WATERPROOFING	VELOSIT, CHOWGULE, MYK ARMENT, ARDEX ENDURA, SIKA, ALCHIMICA, MAKPHALT
19.	EPOXY FLOORING	SUNANDA SPECIALITY COATINGS, SIKA, BASF, CHOWGULE, MYK ARMENT, ARDEX ENDURA
20.	PU FLOORING	SUNANDA SPECIALITY COATINGS, SIKA, BASF, VELOSIT, CHOWGULE, MYK ARMENT, ARDEX ENDURA
21.	PU COATINGS FOR STRUCTURAL STEEL	SUNANDA SPECIALITY COATINGS, SIKA, VELOSIT, X CALIBUR CONSTRUCTION SYSTEMS INC, CHOWGULE, STP LTD
22.	EPOXY COATINGS FOR STRUCTURAL STEEL	SUNANDA SPECIALITY COATINGS, SIKA, X CALIBUR CONSTRUCTION SYSTEMS INC, RACHTR CHEMICALS, STP LTD.

23.	EPDM & SILICON GASKET	HANU, ANAND, RAVEN, ZERO, ROOP, LESCUYER, BENGAL BITUMEN, AMEE RUBBER, OSAKA, ELTECH, AVIGIRI
24.	SBR POLYMER	DR. FIXIT, CICO, SIKA, FOSROC
	PAINTS	
1.	WATER-PROOFING CEMENT PAINT	DUROCEM OF BERGER PAINTS, SUPER SNOWCEM DECORATIVE OF SNOWCEM INDIA LTD. GATTUCEM OF ASIAN PAINTS, JENSON & NICHOLSON ROBBIACEM SUPER CEMENT PAINT OF JENSON & NICHOLSON.
2.	TEXTURED EXTERIOR PAINT	ASIAN, BERGER, NEROLAC, JSW, DULUX, ACRO, SNOWCEM INDIA LTD.
3.	SYNTHETIC ENAMEL PAINT	LUXOL HI-GLOSS OF BERGER, APCOLITE LUSTURE FINISH WHITE OF ASIAN PAINTS, DULUX GLOSS OF ICI MAKE, JENSON & NICHOLSON BROLAC HI-GLOSS POLYURETHANE ENAMEL.
4.	PLASTIC/ACRYLIC EMULSION PAINT	SILK LUXURY/SILK GLAMOUR EMULSION OF BERGER PAINT, DULUX PROFESSIONAL SOLITAIRE OF AKZONOBEL EMULSION OF KANSAI NEROLAC PAINT, ROYALE OF ASIAN PAINT, JENSON & NICHOLSON SPECIAL EFFECTS LUXURY SHEEN EMULSION.
5.	ACRYLIC DISTEMPER	M/S ASIAN PAINTS LTD (TRACTOR/PROFESSIONAL ACRYLIC DISTEMPER), M/S BERGER PAINTS INDIA LTD (BISON ACRYLIC DISTEMPER), M/S ICI INDIA LTD AKZONOBEL (MAXILITE ACRYLIC DISTEMPER), NEROLAC PREMIUM WASHABLE OF KNPL, JENSON & NICHOLSON (JENSOLIN ACRYLIC DISTEMPER).
6.	CEMENT PRIMER	B.P. (ALKALI RESISTANT) WATER THINABLE OF BERGER PAINT MAKE, PRIMOLITE WATER THINABLE GOODLASS NEROLAC PAINT MAKE, CEMPROVER OF SNOWCEM PAINT, CEMENT PRIMER OF ASIAN PAINT MAKE, JENSON & NICHOLSON WATER THINABLE CEMENT PRIMER (EXT & INT). PRIMOX OF J&K WHITE CEMENT.
7.	PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT EMULSION	SNOWCRYL XT/ MXIMUS OF SNOWCEM PAINT, WEATHERCOAT SMOOTH/ WEATHERCOAT LONG LIFE FLEXO OF BERGER PAINTS, DULUX PROFESSIONAL WEATHER SHIELD OF AKZONOBEL, ULTIMA OF ASIAN PAINTS
8.	ACRYLIC SMOOTH EXTERIOR PAINT EMULSION	TRUMP/ ALPURA OF SNOWCEM PAINT, WALMASTA OF BERGER PAINTS, APEX, ASIAN PAINTS, WEATHER SHIELD OF MIS AKZONOBEL.
9.	STEEL/ WOOD PRIMER	ASIAN, DULUX, BERGER, NEROLAC,
10.	EPOXY PAINT	ASIAN, DULUX, BERGER, NEROLAC, SNOWCEM INDIA LTD, VELOSIT
11.	WOOD FINISH (MELAMINE & PU POLISH)	ASIAN, DULUX, BERGER, NEROLAC, PIDILITE, WEMBLEY, STP LTD.
12.	THERMOPLASTIC PAINTS	ASIAN PAINTS, BERGER, RELIANCE THERMOPLAST, S.N. IND. OSCAR, AUTOMARK (INDIA) INDUSTRIES LTD, STP LTD
13.	ROAD MARKING PAINT	NEROLAC, ASIAN, SHALIMAR, BERGER, STP LTD.
	WOOD WORK	
1.	BLOCK BOARD, PLYWOOD	GREEN PANEL, DURO, CENTURY, MERINO, BHUTAN TUFF, JAIN WOOD INDUSTRIES
2.	LAMINATE	MERINO, GREEN, CENTURY, FORMICA, BHUTAN TUFF, JAIN WOOD INDUSTRIES
3.	VENEER PLY, NATURAL WOOD VENEERS	MERINO, GREEN LAM, DURO, CENTURY, KALPATARU, BHUTAN TUFF, CENTURY,

4.	PRELAMINATED PARTICLE BOARD	CENTURY, MERINO, ACTION TESA, BHUTAN TUFF, GREEN LAM
5.	FACTORY MADE FLUSH DOOR	CENTURY, ARCHID, MERINO, DURO, GREENPANEL, ORION, BHUTAN TUFF
6.	GYPSUM BOARD	GYPROC, SAINT GOBAIN GYPROC INDIA PVT. LTD, USG BORAL, GYPTECH
7.	LOCKS, LETCH	GODREJ, HETTICH, DORMA, IPSA, HAFELE, KICH
8.	FRICTION STAY HINGES, BALL BEARING HINGES & SPRING HINGES	EARL-BIHARI, EBCO, GODREJ, DORMA, HAFELE, KICH
9.	NUTS, BOLTS & SCREWS	GKW, KUNDAN, PRIYA, ATUL, PUJA, IPSA, WURTH
10.	DASH, ANCHORING FASTENERS & SS STONE CLADDING CLAMP	HILTI, FISCHER, TRIXEL FROM AXELINDIA, CANON, BOSCH, WURTH, ANCHOR
11.	MDF/HDHMR/WPC BOARD	DURATUFE, MERINO, CENTURY, GREENPANEL, ACTION TESA, BHUTAN TUFF, KALPATARU
12.	FRAME SYSTEM FOR INTERNAL PARTITION	SAINT GOBAIN GYPROC INDIA PVT. LTD, USG BORAL
13.	ACOUSTIC MINERAL FIBRE CEILING AND GRID SYSTEM	USG BORAL ARMSTRONG, GYPTECH, AEROLITE DIMOND, HI-STEEL, BOLLARD
14.	THERMAL INSULATION BOARDS	U.P TWIGA FIBERGLASS LTD, LLOYD, ROCKWOOL INDIA, TWIGA INSULATING INDIA, SIKA
15.	PREMIXED FORMULATED GYPSUM LIGHTWEIGHT PLASTER	ELITE-90 – GYPROC GOBAIN, FERRO – 700 GYPSUM PLASTER – FERROUS CRETE, RED TOP – USG BORAL BUILDING PRODUCTS (I) PRIVATE LIMITED,
16.	TOILET CUBICLES	GREENLAM, MERINO, CENTURY
17.	HIGH PRESSURE LAMINATE	MERINO, GREENLAM, FUNDERMAX, CENTURY
ALUMINIUM, STEEL, FALSE CEILING, ROOF AND GLASS WORK		
1.	STAINLESS STEEL HARDWARE FITTINGS (HEAVY DUTY)	DORMA, OZONE, GODREJ, GEZE, HAFELE, DORSET, KICH, IPSA, ASSA ABLOY, HETTICH
2.	ALUMINIUM SECTIONS FOR DOORS, WINDOWS & PARTITIONS ETC.	JINDAL, HINDALCO, INDALCO, NALCO, MAHAVEER
3.	ALUMINUM SHEET	NOVELIS, EURAMAX, JINDAL, HINDALCO
4.	ANODISED/POWDER COATED ALUMINIUM HARDWARE (HEAVY DUTY)	NU-LITE, GODREJ, KLASSIC, ALKA, JINDAL, PULSE, IPSA, ASSA ABLOY
5.	CLEAR/FLOAT/ FROSTED GLASS	MODI, SAINT GOBAIN, ASAHI, PILKINGTON, GOLD PLUS, GLAVERBEL (BELGIUM), SISECAM
6.	FIRE RETARDANT ALUMINIUM COMPOSITE PANEL	REYNOBOND, ALUDECOR, ALUCOBOND, ALSTONE, ALUBOND DACS
7.	STAINLESS STEEL SECTION	JINDAL, KICH, ESSAR, NSTYLE-D-LINE, FABRINOX, SALES STEEL, DORMA, GEZE, OZONE, IPSA
8.	HIGH PERFORMANCE TOUGHENED GLASS	SAINT GOBAIN, ASAHI, PILKINGTON, MODIGUARD
9.	FALSE CEILING- GYPSUM	SAINT GOBAIN GYPROC INDIA PVT. LTD., GYPROC/BORAL, GYPTECH
10.	FALSE CEILING- METAL WITH SUPPORTING GRID	SAINT GOBAIN, ARMSTRONG, DEXUNE, USG BORAL, DAIKEN, DIAMOND, NEWAGE, HI-STEEL, BOLLARD
11.	ACOUSTICAL FALSE CEILING SYSTEM	ARMSTRONG, USG BORAL, SAINT GOBAIN, GYPTECH, BOLLARD
12.	METAL MODULAR FALSE CEILING SYSTEM	ARMSTRONG, HUNTER DOUGLAS, DURLUM, GYPROC, DYNAMAX, BOLLARD, NEWAGE
13.	WOODEN METAL BAFFLE CEILING SYSTEM	ARMSTRONG, HUNTER DOUGLAS, DURLUM, GYPROC, BOLLARD
14.	CALCIUM SILICATE FALSE CEILING SYSTEM	AEROLITE, GYPTECH, ARMSTRONG, DIAMOND

15.	UPVC WINDOW/DOORS	FENESTA, REHAU, ALUPLAST, PRIZMA, KOMMERLING, ENCRAFT
16.	ALUMINIUM SECTIONS FOR DOORS, WINDOWS & PARTITIONS ETC.	JINDAL, HINDALCO, INDALCO, NALCO, BHORUKA, INDAL, MAHAVEER
17.	FIRE RETARDENT DOOR	GODREJ, SHAKTI, NAVAIR, SUKRI, KALPATARU, BHAWANI, KUTTY
18.	GRG FALSE CEILING	DIAMOND, HI-STEEL, BOLLARD, ARMSTRONG
19.	PVC DOORS	RAJSHRI PLASTIWOOD, FINOLEX PLASTICS, POLYLINE, DUROPLAST, SINTEX, FIBREWAYS, JAYNA
20.	FRP DOOR	FIBREWAYS, NAVIER, SUKARI PROMAT, KUTTY, JINDAL STAINLESS, BHATT FIBREWAYS, JAYNA, SELECTED, WURTH, SIKKA
21.	INSULATED ROCKWOOL EXTERNAL PANEL	LLOYD INSULATION, KINGSPAN BY JINDAL, METECNO, SYNERGY, ROOFCLAD, RINAC ROCKWOOL, ROCKWOOL, SINTEX
22.	ANTI STATIC HIGH-PRESSURE LAMINATE	MERINO, FORMICA, GREENLAM, FUNDERMAX, BHUTAN TUFF, DURO
23.	MIRROR	SAINT GOBAIN, MODIGUARD, AIS, ATUL, GOLDEN, PILKINGTON
24.	MS / SS WIRE MESH	HAVER STANDARD, GRAND METAL, STRELING, TRIMURTY WELDED MESH, TIGER
25.	HYDRAULIC DOOR CLOSURE	HARDWYN, GODREJ, EVERITE, DORMA, HAFELE, DORSET, SANDHU
26.	S.S. RAILING	JINDAL, DORMA, FABRINOX, STEEL N STYLE, ALFA PRESS PIPES & FITTING
27.	G.I. SHEET	SAIL, TATA, JINDAL, ISPAT, ROOFCLAD, ESSAR
28.	FIBRE GLASS SHEET	SIMCRYL(SIMBA), FIBREWAYS, ADVANCE FIBRE, ROOFCLAD
29.	ROLLING SHUTTER	RAMA ROLLING SHUTTER, JYOTI ROLLING SHUTTER, ANAND INDST, SHRI RAM ROLLING SHUTTER
30.	ALUMINIUM DOORS & WINDOW FIXTURE	EVERITE, GODREJ, HARDIMA, HARDWARE, KLASSIC, ALKA, JINDAL, IPSA
31.	STEEL WINDOW	(I) M/S UNITED ENGG. WORKS, RAM NAGAR
		(II) M/S METAL WINDOW CORP. ROHTAK
		(III) M/S SKS STEEL INDUSTRIES PIRGARHI
		(IV) ANY OTHER ISI MARKED FACTORY MADE
		(V) JANGID ENGINEERING WORKS (JAIPUR)
32.	FIBRE CEMENT BOARD	HIL, VISHAKHA, EVEREST INDUSTRY LTD., JAMES HARDIE, NCL INDUSTRIES, EVEREST, BISON
33.	FABRICATORS FOR ALUMINIUM GLAZING, STRUCTURAL GLAZING, ALUMINIUM DOOR & WINDOWS, ACP WORK.	ALUMAX, WINDORZ INDIA PVT. LTD, JANGID ENGINEERING WORKS (JAIPUR)
34.	LAMINATE FLOORING	ARMSTRONG, PERGO, FLORENCE, ACTION TESA
35.	PVC FLOORING & VINYL WALL	ARMSTRONG, FORBO, GERELOR, INPROCORP,
36.	GLASS DOOR FITTINGS	DORMA, GEZE, HAFELE, ASBA ALLOY, OZONE, BENE, MARS, HETTICH
37.	CASEMENT WINDOW HINGES	GIESSE, ALUALPHA, LAVAL, SAVIO
38.	SS FRICTION HINGES	GIESSE, COTSWOLD, SECURISTYLE
39.	TOUGHENED GLASS FOR PARTITIONS	SAINT GOBAIN, ASAHI INDIA GLASS, SCHOTT, GOLD PLUS
40.	GLASS DOORS/PARTITION/HARDWARE/ALUMINUM PROFILE	DORMA, GEZE, HAFELE, ASBA ALLOY, OZONE, BENE, MARS

	WATER SUPPLY AND SANITARY WORKS	
1.	PTMT FITTINGS	PRAYAG, POLYTUF, Cardin
2.	KITCHEN LOFT TANK	SINTEX, TIRUPATI
3.	PLASTIC SEAT COVER	HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR, JAQUAR
4.	PVC CISTERN	HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR, JAQUAR
5.	C.I. MANHOLES COVERS	BIC, KAPILANSH DHATU UDHYOG, NECO, RIF, BCM, SKF, HIF
6.	BRASS STOP & BIB COCK	ZOLOT, SANT, L&K, JAQUAR, ESSCO, JOHNSON, PARRYWARE, CERA
7.	BRASS BALL VALVE WITH FLOATS	ZOLOTO, LEADER, SANT
8.	SS HINGED GRATING	GMGR, NEER, CHILLY
9.	SANITARY ACCESSORIES	JAQUAR, KOHLER, KEROVIT, HINDWARE, JOHNSON, SIMPOLO CERAMICS, PARRYWARE, CERA
10.	C.P. ACCESSORIES	JAQUAR, SOMANY, PARRYWARE, GROHE, KOHLER, HINDWARE, JOHNSON, CERA, KINGSTON
11.	MOISTURE RESISTANT BOARD	ST-GOBAIN, GYPROC, USG BORAL,
12.	FLOOR TRAP	JAINA, CHILLY, NIRALE
13.	VITREOUS CHINA SANITARYWARE AND FITTINGS	HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR, SOMANY, JAQUAR
14.	STAINLESS STEEL SINKS	NEELKANTH, JAYNA, FRANKE, ANUPAM, NIRALI, COBRA, PRAYAG, CERA, KINGSTON
15.	C.P. BRASS FITTINGS	JAQUAR, SOMANY, PARRYWARE, GROHE, KOHLER, HINDWARE, JOHNSON, CERA, KINGSTON, CARDIN
16.	CENTRIFUGALLY CAST (SPUN) IRON PIPES & FITTINGS	NECO, RIF, SKF, ACL, HEPSCO, MARC, GEM, BIC, HIF, JAISWAL, RPMF
17.	CENTRIFUGALLY CAST (SPUN) IRON PIPES (CLASS LA)	RIF, NECO, SKF, ACL, HIF
18.	CPVC PIPES & FITTINGS	ASTRAL, PRINCE, SUPREME, FINOLEX, PRAKASH, ASHIRWAD, APL APOLLO
19.	G. I. PIPES	TATA, JINDAL (HISSAR), ZENITH, PRAKASH SURYA, G.S.T.
20.	G. I. FITTINGS	UNIK, ZOLOTO, KS, ICS, R, K.S, NVR, JINDAL, R BRAND, AMCO
21.	UPVC PIPES & FITTINGS	ASTRAL, PRINCE, SUPREME, FINOLEX, PRAKASH, ASHIRWAD, APL APOLLO
22.	GUNMETAL VALVES	LEADER, SANT, ZOLOTO, KIRLOSKAR, CASTLE, KARTAR, KILBURN
23.	BALL VALVES	LEADER, SANT, ZOLOTO, CASTLE, IBP, ARCO
24.	C.I. SLUICE VALVES	KIRLOSKAR, IVC, BURN
25.	SFRC MANHOLE COVER	KK, JAIN, PRAGATI, BIC, KAPILANSH DHATU UDHYOG, NECO, RIF, BCM, S.S. & CO.
26.	RCC PIPES	JAIN, PRAGATI, KK, LAKSHMI, SOOD & SOOD, JAIN & CO., USHA, DIWAN SPUN PIPE, J. K. SPUN PIPES
27.	LA (CI) PIPES	RIF, NEECO, ELECTRO STEEL, IISCO, NEECO, KAPLANSH, KESORMA SPUN PIPE & FOUNDRIES, CALCUTTA, SUPER ENTERPRISES, INDIAN IRON & CO. LTD. CALCUTTA.
28.	PPR PIPES	SFMC, SAFE, PIONEER INDST., SUPREME, RELIANCE
29.	DUCTILE IRON PIPE (WATER SUPPLY)	ELECRO STEEL, KESSO, KDUPL, ELECTRO SPUN
30.	SEWERAGE & DRAINAGE PUMPS	KIRLOSKAR, KSB, CROMPTON GREARES
31.	HDPE PIPES & FITTINGS	JAIN, ORIPLAST, KISAN
32.	G.I. PIPE JOINTING MATERIALS	LOCTITE 55/DR. FIXIT, MC BAUCHEMIE
33.	STONWARE PIPES AND GULLY TRAPS	PERFECT, BURN, ANAND, PARRY, SKINS GROHE, HIND, DEVRAJ ANAND CERAMIC (P) LIMITED., PERFECT

		POTTERI JABAL PUR (MP), BURN POTTERIES, JABALPUR
34.	WATER METER	CRESENT/ KAYEE/ KAPSTAN/ ANAND AASHI
35.	PVC WATER TANK	SFMC/SINTEX/SPL, UNITEK, SHEETAL, POLYCON ELECTRO PLAST, STAR, LOTUS
36.	SEWAGE WATER/RAIN WATER PIPES	ASTRAL, PRINCE, SUPREME, FINOLEX, PRAKASH, AJAY, ASHIRWAD, BIRLA AEROCON, KISAN
37.	SMC (Sheet Moulded Compound) Panel Tank	SINTEX, AMITEX
	MISCELLANEOUS ITEMS	
1	FRP CHAJJA, SHEET & DOORS, FRP SHUTTERS, RAILINGS, COVERS	FIBREWAYS, KUTTY, JINDAL STAINLESS, BHATT FIBREWAYS, WURTH, SIKA
2	GRC/FRP SCREENS/RAILING/JALI/ CORNICES/STATUES/PANELS/MO ULDING	TERRA FIRMA, JINDAL STAINLESS, UNISTONE, UNIQUE
3	POLY CARBONATE SHEET	SABIC LEXAN, BAYER, COXABELL, ROOFCLAD, MNF METALS, GE LEXOL, EVEREST
4	DIAMOND CUTTING/ CORE CUTTING	WURTH, HILTI, TYROLIT
5	SIGNAGES	PROLITE, GLOLITE, VISTA
6	Blinds	Vista, Décor, DECK, MAC
7.	Furniture	Godrej, Durian, Steelcase, Herman Miller, Featherlite,
8.	Micro Concrete	Fosroc, Cico, Pidilite
9.	Corian sheet	Dupont, Staron Solid
10.	Broadloom Wooven Carpet	Obeetee, Fenix, Feltech, Wilton
11.	Fire check doors S.S. fittings	Hafele, Geze, Becker Fire Soloution

Note: -The Articles / materials which are not mentioned in the above said list shall be approved by the NIT approving authority before execution of work.

ANNXURE-I**LIST OF MANDATORY TESTS**

Material	Clause	Test	Field/ Laboratory test	Test procedure	Min. quantity of material for carrying out the test	Frequency of testing
1	2	3	4	5	6	7
Water	3.1.1	(i) PH Value (ii) Limits of Acidity (iii) Limits of Alkalinity (iv) Percentage of solids a) Chlorides b) Suspended matter c) Sulphates d) Inorganic solids e) Organic solids	Lab Lab Lab Lab Lab Lab Lab	IS 3025	-	Water from each source shall be got tested before the commencement of work and thereafter once in every three months till the completion of the work. Water from municipal source need be tested only once in six months. Number of tests for each source shall be 3.
Cement	3.1.2	(a) Physical requirement (i) Fineness (ii) Soundness (iii) Setting time (initial & Final) (iv) Compressive strength (v) Consistency of standard cement paste	Lab Lab Lab Lab Lab	IS 4031 (Part II) IS 4031 (Part III) IS 4031 (Part V) IS 4031 (Part VI) IS 4031 (Part VI)	Each lot	Every 50 tonnes or part thereof. Each brand of cement brought to site shall be tested as per this frequency.
Sand	3.1.3.1	Organic impurities	Field	Appendix 'A'	20 cum	Every 20 cum or part thereof or more frequently as decided by Engineer-in-charge.
	3.1.3.2	Silt Content	Field	Appendix C	20 cum	Every 20 cum or part thereof or more frequently as decided by Engineer-in-charge.
	3.1.3.4	Particle size distribution a, b, c, d, & e	Field or Labour as decided by the Engineer in charge	Appendix B	40 cum	40 cum or part thereof.
	3.1.3.5	Bulking of sand	Field	Appendix D	20 cum	Every 20 cum or part thereof or more frequently as decided by Engineer in charge.
Steel tubular pipes	10.13	(a) Tensile Test (b) Bend Test (c) Flattening Test	Laboratory	IS 1608 IS 2329 IS 2328	Every 8 tonne or part thereof.	Every 8 tonne or part thereof.
Structural Steel if arranged by the contractor	10.1.1	(a) Tensile strength (b) Bend Test	Laboratory	IS 1599	20 tonne	Every 20 tonne or part thereof.
Bricks/Brick tiles	6.1.3 6.1.4 6.1.5	Testing of bricks/brick tiles for dimensions, Comprehensive strength, Water absorption and efflorescence	Laboratory	Appendix A,B,C & D of Chapter 6	As per the Table 6.3 and 6.4	Every 50000 or part thereof or more frequently as decided by Engineer in charge.
Stone aggregate	4.1.2.2	(a) Percentage of soft or delirious material	Field or laboratory Test as required	IS 2386-Part-II	As required by Engineer-in-charge	For all quantities
Reinforcement Steel	5.1.3	Physical Test and chemical test	Laboratory	IS 1786	As per CPWD specification	As per CPWD specification

	4.1.2.3	Particle size	Field/Lab	Appendix-‘A’	45 Cum	For every 45 cum or part thereof for RCC work only. For test of items as decided by Engineer-in-charge
	4.1.2.5	(a) Estimation of organic impurities	Field/Lab	IS 2386-Part-II	10 Cum	For every 40 cum or part thereof
		(b) Surface moisture	Field/Lab	IS 2386	10 Cum	-do-
		(c) Determination of 10% fine value	Field/Lab	IS 2386	10 Cum	-do-
		(d) Specific gravity	Field/Lab	IS 2386	10 Cum	-do-
		(e) Bulk density	Field/Lab	IS 2386	10 Cum	-do-
		(f) Aggregate crushing strength	Field/Lab	IS 2386	10 Cum	-do-
		(g) Aggregate impact value	Field/Lab	IS 2386	10 Cum	-do-
Concrete	5.4.1	Slump Test	Field	Appendix –‘D’	10 Cum	15 cum of part thereof
Reinforcement Concrete	5.4.9.1	Cube Test	Field / Lab	Appendix – ‘A’	5 cum	As per CPWD specifications
Timber	9.1.6	Moisture Content	Field (by moisture meter) laboratory test as required by Engineer-in-charge.	Appendix-‘C’	1 Cum	Every one cum or part thereof.
Stone	7.1.1 7.4 7.8 7.9	(i) Water absorption (ii) Transverse strength (iii) Resistance to wear (iv) Durability	Lab Test	IS 1121 IS 1121 Part II IS 1706 IS 1126	50 sqm for slabs and 10 cum in stone masonry	100 sqm/20 cum or part thereof or change of source as per direction of Engineer-in-charge.
Marble	8.3 (Table 8.2)	(i) Moisture Absorption (ii) Hardness Test (iii) Specific Gravity	Laboratory	IS 1124 Mho’s Scale IS 1122	50 Sq.m.	100 sqm. or part thereof.
Granite		(i) Moisture (ii) Specific Gravity	Laboratory	IS 1124 IS 1122	50 Sq.m.	100 sqm. or part thereof.
Concertina Coil	As per BIS code	1. Tensile Strength 2. Galvanising	Laboratory	IS 278: 2009	Per lot	Per lot.

Field Testing Instruments

1. Steel tapes – 3m
2. Vernier calipers
3. Micrometer screw 25mm gauge
4. A good quality plumb bob
5. Spirit level, minimum 30cms long with 3 bubbles for horizontal vertical
6. Wire gauge (circular type) disc
7. Foot rule
8. Long nylon thread
9. Magnifying glass
10. Screw driver 30cms long
11. Ball pin hammer, 100 gms
12. Plastic bags for taking samples
13. Balances
 - (i) 7 kg. to 10 kg. capacity, semi self indicating type –accuracy 10gm.
 - (ii) 500 gm. Capacity, semi-self indicating type – accuracy 1 gm.
 - (iii) Pan balance – 5 Kg. capacity – accuracy 10 gms.
14. Ovens (if required)-electrically operated, thermostatically controlled upto 110°C – Sensitivity 1°C.
15. Sieves: as per IS 460-1962 (if required)-.
 - (i) I.S. sieves – 450mm internal dia, of sizes 100mm, 80mm, 63mm, 50mm, 40mm, 25mm, 20mm, 12.5mm, 10mm, 6.3mm, 4.75mm, complete with lid and pan.
 - (ii) I.S.. sieves – 200 internal dia (brass frame) consisting of 2.36mm, 1.18mm, 600 microns, 425 microns, 300 microns, 212 microns, 150 microns, 90 microns, 75 microns, with lid and pan.
16. Sieve shaker capable of 200mm and 300mm dia sieves, manually operated with timing switch assembly.
17. Equipment for slump test slup cone, steel plate, tamping rod, steel scale, scoop.
18. Dial gauges (if required)-, 25mm travel – 0.01 mm/division least count – 2nis.
19. Graduate measuring cylinders 200ml capacity – 3 nos.
20. Enamel trays (for efflorescence test for bricks).
 - (i) 300mm x 250mm x 40mm - 2 nos.
 - (ii) Circular plates of 250mm dia – 4 nos.
21. Cube Testing Machine with calibration certificate.
22. Cube Moulds – 12 Nos. 15x15x15 cm

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

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

1. Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under (NIT number) dated for (name of work) The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)* as **Earnest Money Deposit** from (name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

- Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with (name and address of the contractor) (hereinafter called "the Contractor") for execution of work (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date) as **Performance Guarantee/Security Deposit/Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only)
4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing


Y.P. Sahu
26.10.2020
SRO&M

whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses:

1. Signature.....
Name and address

Authorized signatory

Name

Designation

Staff code no.

Bank seal

2. Signature
Name and address

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

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


Y.P. Sahu 20.10.2020
SECM

No. 1(10)/T&PR/2016
Government of India
Directorate General
Central Public Works Department
Technical & Public Relations Unit

Tel No. 23061584 Email: dirtech-pr.cpwd@nic.in

105-A, Nirman Bhawan,
 New Delhi, Dated: **27.01.2016**

OFFICE MEMORANDUM

Sub.: Directives of the Hon'ble Supreme Court and Hon'ble National Green Tribunal on air pollution from construction and demolition activity.

Attention is drawn to the Hon'ble National Green Tribunal earlier orders dated 4.12.2014 and 10.4.2015 in OA No. 21/2014 and OA No. 95/2014 and MoEF guidelines of 2010 regarding dealing with air pollution from construction and demolition sites. The directives in this regard are restated in the Annexure enclosed.

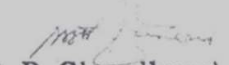
2. Hon'ble Tribunal had directed for mandatory strict adherence and compliance of above referred orders as well as MoEF guidelines 2010 while carrying out the construction activity.

3. Hon'ble Supreme Court, in a recent judgment has favoured imposing a fine of Rs. 50,000/- on a daily basis on construction sites for generating high levels of dust in Delhi and NCR. It has been directed by the apex court that EPCA may go around and check polluting construction sites with the help of the volunteers for strict compliance of its order.

4. Accordingly, all SDGs, ADGs, CEs, CPMs, PMs are enjoined upon to strictly comply with the directives of Hon'ble Supreme Court & Hon'ble NGT and MoEF guidelines 2010 to control air pollution at CPWD construction sites. Any laxity found or reported by the checking authorities in this regard shall be viewed seriously.

This issues with the approval of Director General, CPWD.

Encl. As above.


(S. P. Chaudhary)
Director (Tech & PR)

To **(through CPWD website)**

All SDGs, CPWD
 All ADGs, CPWD
 All CEs/CPMs/PMs, CPWD

Directives of Hon'ble National Green Tribunal in O.A. No.21 of 2014 and O.A. No. 95 of 2014 and MoEF guidelines 2010 on Air Pollution from Construction and Demolition activity.

(A) NGT order dated 04.12.2014:

- No government, authority, contractor, builders or any person would be permitted to store/dump construction material or debris on metalled road.
- Beyond the metalled road the area where such the construction material or debris can be stored shall be physically demarcated by officers of all the concerned Authorities/Corporation ensuring that it would not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured that no accidents occur on account of such permissible storage.
- Every builder, contractor or person shall ensure that the construction material is covered by tarpaulin and all other precaution should be taken to ensure that no dust particles are permitted to pollute air quality as a result of such storage. It shall also be ensured that appropriate protection measures are taken by raising wind breakers of appropriate height on all sides of the plot/area using plastic and /or other similar material to ensure that no construction material dust fly outside the plot area and it will be the builder/contractor responsibility to ensure that their activity does not cause any air pollution during course of construction and/or storage of material or construction activity. This condition shall be strictly adhered to by every builder, contractor, person or authority. In the event of default they shall be liable to be prosecuted under the law in force, as well as for causing environmental pollution and will be liable to pay compensation which would be determined by Tribunal in accordance with law.
- All the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material should be fully covered. The vehicles should be properly cleaned, should be dust free and every necessary precautions is to be taken to ensure that enroute their destination, the dust, sand or any other particles are not permitted to be released in air/contaminate air. Any truck not complying with the above directions would not be permitted to enter NCR, Delhi.

(B) NGT order dated 10.04.2015:

- Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.

- The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
- All the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.
- The dust emissions from the construction site should be completely controlled and all precautions taken in that behalf.
- The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.
- Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
- Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
- It shall be the responsibility of every builder to transport construction material and debris waste to construction site, dumping site or any other place in accordance with rules and in terms of this order.
- All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.
- Compulsory use of wetjet in grinding and stone cutting.
- Wind breaking walls around construction site.
- All the builders who are building commercial, residential complexes which are covered under the EIA Notification of 2006 shall provide green belt around the building that they construct. All Authorities shall ensure that such green belts are in existence prior to issuance of occupancy certificate.
- All builders shall ensure that C&D waste is transported in terms of this order to the C & D Waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.
- Even if constructions have been started after seeking Environmental Clearance under the EIA notification 2006 and after taking other travel but is being carried out without taking the preventive and protective environmental steps as stated in this order and MoEF guidelines, 2010, the State Government, SPCB and any officer of any department as afore stated shall be entitled to direct stoppage of work.

(C) Environmental Impact Assessment Guidance Manual for Building, Construction, Township and area Development Projects of February, 2010 envisages the following guidelines for mitigation measures in respect of dust control from Building, Construction projects:

"Adopting techniques like, air extraction equipment, and covering scaffolding, hosing down road surfaces and cleaning of vehicles can reduce dust and vapour emissions. Measures include appropriate containment around bulk storage tanks and materials stores to prevent spillages entering watercourses."

The other measures to reduce the air pollution on site are:

- Sprinkling of water and fine spray from nozzles to suppress the dust.
- On-Road- Inspection should be done for black smoke generating machinery.
- Promotion of use of cleaner fuel should be done.
- All DG sets should comply emission norms notified by MoEF
- Vehicles having pollution under control certificate may be allowed to ply.
- Use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed
- Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices.
- Paving is a more permanent solution to dust control, suitable for longer duration projects. High cost is the major drawback to paving.
- Reducing the speed of a vehicle to 20 kmph can reduce emissions by a large extent.

Speed bumps are commonly used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, it may be necessary to divert traffic to nearby paved areas.

Material storages / warehouses — Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust / particulate emissions. Fabrics and plastics for covering piles of soils and debris is an effective means to reduce fugitive dust.

- (D) Copy of NGT orders dated 04.12.2014, 10.04.2015, copy of MoEF guidelines 2010 are available at the DPCC website "<http://dpcc.delhigovt.nic.in>".



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DG/CON/Misc./04

ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAVAN, NEW DELHI

DATED: 23.01.2017

Sub : Compliance on Construction & Demolition Waste Management Rules, 2016 – Regarding Disposal of Waste to the approved by local Authority.

Ref : Ministry of Environment and Forest notification dt. 29.03.2016 Construction and Demolition Waste Management Rules 2016 in exercise of powers Conferred by Environment (Protection) Act 1986 (Available at web address www.moef.gov.in).

The above Rules notified by Ministry of Environment and Forest are brought to the notice of all NIT approving authorities and they are directed to incorporate suitable provisions in the special conditions and ensure compliance of the Rules.

This issues with the approval of ADG(TD).

23/01/17

Superintending Engineer (C&M)

Issued from file No. CSQ/CM/C/17(1)/2017

Copy to:-

1. All Spl. DGs, CPWD, E-in-C, PWD, Delhi Govt. They are requested to endorse a copy of this O.M. to all ADGs, CEs, SEs & EEs concerned.

[Signature]
Executive Engineer (C)

(GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS.

The Agreement made this _____ day of _____ one thousand nine hundred and _____ between _____ son of _____ of _____ (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the Contract), dated _____ and made between the GUARANTOR OF THE ONE part and the Government of the other part, whereby the Contractor, *inter alia*, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for **five years** from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be **FIVE YEARS** to be reckoned from the date after the maintenance period prescribed in the contract.

Providing that the Guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose.

- a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of Firewood and things of the same nature which might cause damage to the roof.
- b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts.
- c) The decision of the Engineer-in-charge with regard to cause of leakage shall be final.

During this period of guarantee, the guarantor shall make good all defects and in case of any defect being found render the building water proof to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor

at the GUARANTOR'S cost and risk. The decision of the Engineer-in-charge as to the cost, payable by the Guarantor shall be final and binding.

That if the Guarantor fails to execute the water proofing or commits breach there under, then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and /or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor_____ and by _____ and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

Signed, sealed and delivered by Obligor in the presence of -

1. _____
2. _____

Signed for and on behalf of the President of India by _____

In the presence of –

Schedule of Quantity

Name of Work: Housekeeping, Security Guard & Ushers i/c Comprehensive Maintenance for Rashtriya Swachhata Kendra (RSK) at Rajghat, New Delhi.

S. No	Description of Items	Qty		Rate	Unit	Amount
	PART-(A)					
1	Comprehensive Annual maintenance of Rashtriya Swachhata Kendra complex, for all civil work in Hall-A, Hall-B, outside pathway, road, railing boundary wall, gates, door, window, toilets with complete fitting etc. as detailed:-					
(i)	Painting of roof top, outer walls, railing, gates etc.					
(ii)	Repairing i/c replacement of damaged part of all civil work i/c fittings and toiletries to maintain RSK.					
(iii)	Polishing of door, window and other wooden item to maintain aesthetics and replacement of parts as required.					
(iv)	Rubbing and polishing of stone surface, wall, floor and replacement as required.					
(v)	Maintenance of Art work, Murals, Thematic installation, sets i/c necessary repair to maintain in original condition.					
(vi)	Maintenance of toilets i/c all fitting and fixing i/c urgent repair & replacement as & when required.					
(vii)	Continuous check of all structural members of trusses, roof & ceiling and necessary repair and replacement if required.					
(viii)	Replacement of stone/tile work in floor & wall surface as & when required etc. all complete as per direction of Engineer-in-Charge.					
(ix)	Cleaning, repair & replacement of Sewerage/Drainage system i/c pipe, chambers, manhole, sump etc.					
(x)	Repair, maintenance & replacement of water supply system i/c pipe, fittings, tank etc.					
(xi)	All required to keep the campus totally free from waterlogging and buildings are to be free from damp patches.					
(xii)	Maintenance/replacement of Parts of drip irrigation system for vertical gardens, repair and regular painting of steel members supporting vertical garden.					
(xiii)	Maintenance and required replacement of parts of specialised doors in Hall-A with program integration.					
	For 3 months = 0.25 years	0.25	Year	590572.00	Year	147643.00
					Total (A)	147643.00
	PART-(B)					

1	Providing round the clock security guard without gun for watch & ward of Government premises and its all belongings by deploying neatly dressed security guards in 8 hour's shift including necessary T&P like torch, lathi and uniform etc.complete,as per the direction of Engineer-in-charge. (One job means 8 hour's duty).	552.00	Jobs	1308.40	Per Job	722236.80
	Estimated Cost after using Modified factor of GST on DSR 2023 @ 0.973					702736.00
	Add Cost Index @ 4.03%					28320.00
	Total of (B)				Total (B)	731056.00
	PART-(C)					
1	Providing services of Mechanized House Keeping with Well uniformed 3 nos. Sweepers/Sewermans on all working days of month from 9.00 AM to 6.00 PM on all day of month including Sunday and holidays for up-keeping of main halls, pathway, entry gates, security room, office area, ramps, road surface, pathways, piaou, toilets in RSK Campus & lawn/parking area premises of RSK complex by sweeping, scrubbing, buffing vacuum cleaning, pressure washing, Brooming, wet moping, collecting garbage, cleaning dustbins, jet washing of sand stone area, cleaning of doors, window, gate,s statue, stone, inside wall cleaning, path washing etc. by using such as automatic moping machine, vacuum scrubber, pressure jet cleaning machine, chemicals, toiletries and consumable etc. as per general conditions, additional conditions and special conditions etc. (Payment of all workers under this work/ item shall be made after submission of attendance recorded in biometric attendance machine (Face recognised BAS) installed at Raj Ghat Samadhi Campus, Raj Ghat). (All sweeper/sewerman must be available as above specified time /shift and they all shall mark the attendance in biometric machine). {Current minimum wages @ 24810.00/- for 30 Days (Sweepers/Sewermans) or as revised by Govt. of Delhi / Govt. of India whichever is higher shall be paid to the Sweepers/Sewermans by the agency}. Note: Recovery Rate for not providing sweeper/Sewerman will be Rs. 1200/- each for each shift.					
(I)	Daily:-					
1	Brooming and mopping of all floor area, all entry gate, inside hall, pathway, road, toilets etc.					
2	Cleaning of all fittings electrical equipments, auditorium seats, sets etc. of Hall-A & Hall-B carefully.					
3	Jet washing of outer pathway and other stone area.					
4	Cleaning of all wall area, glass, Door window etc.					

5	Cleaning of dustbin and removal of garbage.					
6	Refilling of Air freshener, Handwash, Tissue paper, Napkin etc. in toilet.					
(II)	Weekly:-					
1	Cleaning of Solar panels.					
2	Cleaning of roof tops of building.	3.00	Month Jobs	115170.35	Per Month Job	345511.00
2	Providing Service of well dressed Front Desk Manager having experience of Management Service not less than 3 years equipped with mobile, knowledge of computer for R.S.K. on all working day i/c Sunday and Holiday for Managing front Desk, Guiding Public, coordinating DDWS, CPWD, Working agency or others as required etc. complete as per direction of Engineer-in-Charge.(Front Desk Manager will having minimum qualification Graduation in any stream with 03 year experience in similar work, will be fully responsible for all management work like crowd management, Record Management, Security & House keeping Services Management etc. all complete).(Payment of Front Desk Manager shall be made after submission of attendance recorded in biometric attendance machine (Face recognised BAS) installed at Raj Ghat Samadhi Campus, Raj Ghat). {Current minimum wages @ 32,820/- or as revised by Govt. of Delhi / Govt. of India whichever is higher for highly skilled worker (Graduate) shall be paid to the Front Desk Manager by the agency}.	3.00	Month	45431.90	Per Month	136296.00
3	Providing services of Team Leader-Usher who should be educated, having proficiency in both Hindi and English languages, should have basic knowledge of WASH (Water, Sanitation and Hygiene) sector and shall have minimum Three years work experience in customer service based industry, ability to work in a standing position for long periods of time, Exceptional interpersonal skills and a friendly demeanour, ability to work well in groups and be proactive about the needs of guests. (No Holiday i/c Gazetted holiday shall not be allowed except weekly off).The roles and responsibilities of the Ushers are as follows: 1. To manage the vistors at RSK 2. To provide an excellent experience of tour of RSK exhibits to visitors 3. To have personal organization and accountability to ensure a positive experience for visitors. 4. To take care of all the exhibits of RSK (indoors and outdoors) 5. Duty hours shall be generally 9:00 AM to 6:00 PM or as per the convenience of client department. 6. As per decision of competent authority of Ministry of Jal Shakti Salary of Ushers shall	3.00	Month	59059.00	Per Month	177177.00

	not Govern by Delhi Govt. Minimum Wages act. Take home Salary of Team Leader-Usher shall be Minimum Rs. 42,664/- Per Month.					
4	Providing services of Senior Executive-Usher who should be educated, having proficiency in both Hindi and English languages, should have basic knowledge of WASH (Water, Sanitation and Hygiene) sector and shall have minimum Two years work experience in customer service based industry, ability to work in a standing position for long periods of time, Exceptional interpersonal skills and a friendly demeanour, ability to work well in groups and be proactive about the needs of guests. (No Holiday i/c Gazetted holiday shall not be allowed except weekly off). The roles and responsibilities of the Ushers are as follows: 1. To manage the vistors at RSK 2. To provide an excellent experience of tour of RSK exhibits to visitors 3. To have personal organization and accountability to ensure a positive experience for visitors. 4. To take care of all the exhibits of RSK (indoors and outdoors) 5. Duty hours shall be generally 9:00 AM to 6:00 PM or as per the convenience of client department. 6. As per decision of competent authority of Ministry of Jal Shakti Salary of Ushers shall not Govern by Delhi Govt. Minimum Wages act. Take home Salary of Senior Executive Usher shall be Minimum Rs. 41,397/- Per Month.	3.00	Month	57305.00	Per Month	171915.00
5	Providing services of Executive-Usher (Class-1) who should be educated, having proficiency in both Hindi and English languages, should have basic knowledge of WASH (Water, Sanitation and Hygiene) sector and shall have minimum One year work experience in customer service based industry, ability to work in a standing position for long periods of time, Exceptional interpersonal skills and a friendly demeanour, ability to work well in groups and be proactive about the needs of guests.(No Holiday i/c Gazetted holiday shall not be allowed except weekly off).The roles and responsibilities of the Ushers are as follows: 1. To manage the vistors at RSK 2. To provide an excellent experience of tour of RSK exhibits to visitors 3. To have personal organization and accountability to ensure a positive experience for visitors. 4. To take care of all the exhibits of RSK (indoors and outdoors) 5. Duty hours shall be generally 9:00 AM to 6:00 PM or as per the convenience of client department. 6. As per decision of competent authority of Ministry of Jal Shakti Salary of Ushers shall	3.00	Month	55554.00	Per Month	166662.00

	not Govern by Delhi Govt. Minimum Wages act. Take home Salary of Executive-Usher (Class-1) shall be Minimum Rs. 40,132/- Per Month.					
6	Providing services of Executive-Usher (Class-2) who should be educated, having proficiency in both Hindi and English languages, should have basic knowledge of WASH (Water, Sanitation and Hygiene) sector and shall have minimum Six month work experience in customer service based industry, ability to work in a standing position for long periods of time, Exceptional interpersonal skills and a friendly demeanour, ability to work well in groups and be proactive about the needs of guests. (No Holiday i/c Gazetted holiday shall not be allowed except weekly off). The roles and responsibilities of the Ushers are as follows: 1. To manage the visitors at RSK 2. To provide an excellent experience of tour of RSK exhibits to visitors 3. To have personal organization and accountability to ensure a positive experience for visitors. 4. To take care of all the exhibits of RSK (indoors and outdoors) 5. Duty hours shall be generally 9:00 AM to 6:00 PM or as per the convenience of client department. 6. As per decision of competent authority of Ministry of Jal Shakti Salary of Ushers shall not Govern by Delhi Govt. Minimum Wages act. Take home Salary of Executive-Usher (Class-2) shall be Minimum Rs. 38,865/- Per Month.	3.00	Month	53800.00	Per Month	161400.00
					Total (C)	1158961.00
	Total (A+B+C)					2037660.00

Note:-

1. Contractor should see the site and read the conditions carefully before quoting his/her rates.
2. All Ushers shall be either re-appointed or New appointed by an interview of recruitment panel comprising of CPWD and client department.
3. All Ushers shall be paid minimum take home salary as mentioned in nomenclature of work.

Executive Engineer
“A” Division, CPWD
New Delhi

PART-D

(Horticulture Work)

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities

Page No. **129 – 130**

SCHEDULE 'D'

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

SCHEDULE 'E'

Reference to General Conditions of contract : General Conditions of Contract for CPWD maintenance works 2020 with upto date online receipt of amendments

Name of Work : **M/o Hort. work attached to Rashtriya Swachchata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi dg. 2026-27 (SH: Hort. Works including comprehensive maintenance for 3 Months)**

- | | | |
|-------|------------------------|------------------------|
| (i) | Estimated cost of work | Rs. 2,04,945/- |
| (ii) | Earnest Money | As per major component |
| (iii) | Performance Guarantee | As per major component |
| (iv) | Security Deposit | As per major component |

SCHEDULE 'F'

General Rules & Directions: General Conditions of Contract for CPWD Maintenance works 2020 with upto date online receipt of amendments.

Officer Inviting tender As per Major Component

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with clauses 12.2 & 12.3. 100%

Definitions:

- | | | |
|----------|--|--|
| 2 (v) | Engineer-in-charge | As per Major Component |
| 2 (viii) | Accepting Authority | As per Major Component |
| 2(x) | Percentage on cost of material and labour to cover all overheads and profits : | 15 % |
| 2 (xi) | Standard Schedule of Rates | DSR 2020 (H & L), A/R and specifications with Correction slips issued upto date of online receipt of tender. |
| 2 (xii) | Department | CPWD |

9(ii) Standard CPWD contract form

General Conditions of Contract for CPWD maintenance works 2020, CPWD Form-7 as modified and corrected upto date online receipt of tenders.

Clause 1:

- i) Time allowed for submission of Performance Guarantee, Programme chart (Time and progress) and applicable labourer licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof, including Provident Fund code number if applicable from the date of issue of letter of acceptance, in days

:-

As per Major Component

- ii) Maximum allowable extension with late fee @0.1% per day of performance guarantee amount beyond the period provided in (i) above

As per Major Component

Clause 2:

Authority for fixing compensation under clause 2

:-

As per Major Component

Whether Class 2A shall be applicable

:-

Not Applicable

Clause 5:

Number of days from the issue of letter of acceptance for reckoning date of start

:-

As per Major Component

Table of Milestones : --As per Table given below

S. No.	Milestone Programme	Time Allotted (From date of start)	Amount to be withheld in case of non-achievement of milestone
-----NIL-----			

Authority to decide:

- (i) Extension of time

:

Dy. Director (Hort.)
Hort. Division-VI
CPWD, New Delhi

- (ii) Rescheduling of mile stones

:

As per Major Component

- (iii) Shifting of date of start in case of delay in handing over the site :

Dy. Director (Hort.)
Hort. Division-VI
CPWD, New Delhi

Clause 5

Applicable clause 5/Clause 5A

:-

As per major component

Clause – 6

Electronic Measurement Book (e-MB)/

Computerized Measurement Book (CMB)

:- As per major component

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.

Clause 7A:

No Running Account Bill shall be paid for the work till
 applicable labourer licenses, registration with EPFO,
 ESIC and BOCW welfare Board, whatever applicable are

:-

submitted by the contractor to the Engineer-in-charge.

Whether Clause 7A shall be applicable

:-

No

Clause 10 A

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

1. _____.
2. _____.
3. _____.

Not Applicable

Clause 10 B (ii)

:-

Whether Clauses 10 B (ii) shall be applicable

Clause 10 C

(Percentage of labour component in the work)

:-

Not Applicable

Clause 10 CA

Material covered under this clause

:-

Not Applicable

Clause 10 CC:

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

:-

Not Applicable

Clause 11:

Specification to be followed for execution of work

:-

DSR 2020 (H & L), A/R and
 specifications with Correction
 slips issued upto date of online
 receipt of tender

Clause 12: Type of work.

Maintenance Work

12.2 & 12.3 Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work.

The completion cost of any agreement for Maintenance works including works of upgradation, aesthetic, special repair, addition/alteration shall not exceed 1.25 times of Tendered amount. Any further deviation beyond this limit upto 1.5 times of tendered amount shall be approved by Chief Engineer with recorded reason and in exceptional case, ADG shall have full power to approve the deviation beyond 1.50 times of tendered amount with recorded reason and take suitable corrective action.

No limit

Clause 16:

Competent Authority for deciding reduced rates : - As per major component

Clause 18

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

:- As per requirement at site and as per direction of the Officer-in-Charge.

Clause 25 Dispute Redressal Committee (DRC)

Constitution of dispute redressal committee (DRC)	Competent authority to appoint DRC
1. For total claims more than Rs. 25 Lacs (a) Chairman- Chief Engineer (other than under whose jurisdiction works falls). (b) Member- Director (TLQA) / Director (Works) who is the Member Secretary. (c) Member- Superintending Engineer (other than under whose jurisdiction works falls). The SE in-charge of the work presents the case, as a party to the dispute, before DRC. 2. For total claims upto Rs. 25 Lacs (a) Chairman- Director (TLCQA) / Director (Works) (b) Members- Two Executive Engineers other than EE under whose jurisdiction the works falls. One of whom is Executive Engineer (Planning/HQ) who is also the member secretary The Engineer in Charge of the work presents the case, as a party to the dispute before DRC.	Additional Director General.

Clause 32 :**“General requirement of Technical Representative(s) and Recovery Rate”**

Sl. No.	Minimum Qualification of technical representative	Discipline	Designation (Principal Technical	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
						Figures	Words
1	B.Sc. in Agriculture	Agriculture	Project Manager cum Planning/ Quality / Site/Billing Engineer	2 Years	1 No.	Rs. 15000/- Per Month Per Person	Rupees Fifteen Thousand Only

- **CONDITIONS FOR HORTICULTURE WORK**

-
- 1. The work shall be carried out as per CPWD yardstick, CPWD Specification-2019 Vol. I & II and specification Horticulture & Landscaping-2020 with up to date correction slips.
- 2. The contractor shall take instruction from the officer-in-charge regarding supply and stacking of material at site and execution of work etc. He shall bear all charge for storage and safe custody of materials.
- 3. The contractor or his supervisor will regularly meet with the site officer-in-charge for taking the direction.
- 4. All the T&P, related spare parts, its repairing, fuel and other then T&P items like irrigation pipe, hessian cloth, broom etc. required for maintenance shall be arranged by the contractor at his own cost.
- 5. The Department shall not be responsible for any injury, or death of any worker at site due to accident during functioning of the equipment or by negligence of the contractor/agency.
- 6. The contractor will be responsible for police verification of the labourer & permission of vehicles deployed for the execution of work. They have to follow all the security norms/guidelines of the concerned Ministries/Department. A list of workers deployed will have to provide to the Officer-in-charge before starting the work to get the necessary security passes and other security clearance well in advance.
- 7. All the engaged workers are to be equipped with photo identity cards issued by the contractor and contractor will maintain their particulars (i.e. Name, Father's Name, Local Address and permanent address etc.). A copy of the same will be provided to the Officer-in-charge. The expenditure on this account will be borne by contractor and nothing will be reimbursed for it.
- 8. In case of any restriction imposed for working in the area by the security agencies or any other authorities during events, contractor shall strictly follow such restriction and nothing extra shall be payable to the contractor on this account.
- 9. The contractor or his representative should be available at site on every visit, of officer-in-charge as well as visit of senior officers.
- 10. All cess/duties/taxes as applicable on the date of receipt of tender shall be borne by the contractor. The contractor shall quote his rates considering all such cess/duties/taxes. Contractor must have GST registration. No reimbursement shall be made for taxes paid like GST etc.
- 11. The contractor shall follow provision of contract labour (Abolition and regulation) ACT 1970 & minimum wages ACT.

CONTRACTOR

DEPUTY DIRECTOR OF HORTICULTURE

CONDITIONS FOR PLANTS

1. The entire quantity of Plants as mentioned in Schedule of Quantities will be taken as and when required at different site.
2. The plants should be fresh, healthy, disease free and as specified in the Schedule of Quantity.
3. The main stem or trunk should be strong up to the required height.
4. The Plants should be true to the variety and the named varieties should be tagged.
5. The supply will be taken at site of work.
6. The quantities may be increased or decreased as per actual requirements at site.
7. The moss stick used should be made of plastic pipe, straight and properly fit in the pot.
8. The moss stick should be covered the Plants. In case of Plants supplied with moss stick.
9. Good earth and manure used for filling the pot/poly bag free from any inert material and mixed to proper ratio.
10. Pot/Poly bag used for filling the Plants should be in proper size good quality not damaged.
11. There should be proper drainage in pots for Plants
12. There should be no stagnation of water in the pots.
13. The height of the plant will be measured from top of the pots.

CONTRACTOR

DEPUTY DIRECTOR OF HORTICULTURE

PROFORMA FOR WORKERS IDENTITY CARD

NOTE: -

SL. NO.....

1. This Contractor is valid only for specified working place / place of duty.
2. This Contractor is fully responsible for any misuse of this card beyond duty hours / days.
3. The contractor bears responsibility for the character card holder worker.

WORKER IDENTITY CARD

Name of Agency
with Address :-

Telephone No. / Mobile: -

Registration No: -

VALID UPTO: -

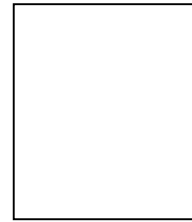
Name of worker: -

Present Address: -

Permanent Address: -

Identification Mark: -

Place of Duty: -



Signature of Worker: -

Signature of Contractor: -

PERFORMA OF VERIFICATION OF CPWD CONTRACTOR WORKERS

Name of work: -

Agreement No.: -

Agency Name of Worker: -

Father's / Husband Name: -

Age: -

Present Address: -

Permanent Address: -

Period of Duty in Delhi: -

Two references in Delhi
With Present & Permanent
Address (with one other than
Contractor with telephone Nos.)

(Signature of Worker)

(Signature of Contractor)

Note: - Worker / Contractor to submit attested photocopy of the Identification of the refers.

Schedule of Quantity

Name of work :- M/o Hort. work attached to Rashtriya Swachchata Kendra (RSK) at Gandhi Darshan Rajghat CPWD, New Delhi dg. 2026-27 (SH: Hort. Works including comprehensive maintenance for 3 Months)

Item No.	Description of items	Quantity	Rate	Unit	Amount
1	Complete maintenance of the entire garden features having as per yard stick in the garden area i.e. lawn trees, shrubs, herbs, edge, flower beds, foliages, creepers etc. including hoeing pruning replacement of plants, gap filling, watering, mowing of lawn, grass cutting by lawn mover and brush cutter, removal of garden waste, applying insecticide, pesticide & fertilizers(whenever required), top dressing of lawn with good earth and manure and maintenance of other garden related works as directed by officer-in-charge (Cost of Good Earth, Manure, Fertilizer, Insecticide, Pesticide and plants will be provided by the department and lawn mover and brush cutter with fuel & other T & P material/articles shall be provided by the contractor). Prestigious offices, Samadhies, Kartavya Path, Buddha Jayanti Park, San Martin Park, DDU Park and Other equivalent park having well developed garden features like lawns, hedge, topiaries, shrubs beds etc. (1.00 Acre=One Mali) As per yard stick. (Lawn area 1600.00 Sqm x 3 Months = 4800.00 Sqm)	4800.00 Sqm	6.20	Per Sqm/ Per Month	29,760.00
	Complete maintenance of shrubs (outside garden features), jobs like making of basin at regular interval including weeding, watering, pruning and application of fertilizer etc, (excluding the cost of material which shall be supplied by the department) and as per direction of officer in charge. (1 Mali for 500 Nos. Shrubs) 320 Nos. x 3 Months = 960.00 Nos.)	960 Nos.	49.10	Per Plant/ Per Month	47,136.00
3	Complete maintenance of vertical Garden everyday including resetting/displaying of Vertical Garden including watering through drip irrigation, clearing/replacement of	474 Sqm	245.55	Per Sqm/ Per Month	1,16,391.00

	dripper, replacement of casualty plants with fresh plants, change of pot pattern after 15 days interval or as per requirement of site with complete T&P provide by the Contractor. The cost of fertilization of cocopit and soilrite@ 10% for every years. The inside of tray covered by Geotextile Cloth of 250 gsm in bottom and further fillup mixture all complete as per direction of Officer-in-charge: nothing shall be paid extra. (Excluding maintenance of drip system, motors, required material to continue irrigation system, dripper, planters module, frame) 158 Sqm x 3 Months = 474.00 Sqm				
4	Removal of garden waste by TATA 407 or equivalent including loading/unloading and carriage upto 10 km lead, complete disposal upto designated place as per direction of officer-in-charge	6 Trips	904.15	Per Trip	5,425.00
5	Supplying and stacking of good earth at site including royalty and carriage upto 5 k m lead complete (earth measured in stacks will be reduced by 20% for payment).	5.00 Cum	681.15	Per Cum	3,406.00
6	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 05 k.m. lead complete (Cattle manure measured in stacks will reduced by 8% for Payment).	5.00 Cum	565.35	Cum	2,827.00
	Total				2,04,945.00

Dy. Director (Hort.)
Hort. Division-VI
C.P.W.D., New Delhi