

भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT
कार्यपालक अभियंता (वैधूत) कालिकट कार्यालय
Office of the Executive Engineer (E) – Calicut,
CPWD, Calicut / के. लो. नि. वि.कालिकट

निविदा आमंत्रण सूचना
NOTICE INVITING TENDER
सूचकांक/INDEX

Name of Work: MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

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Certified that this NIT contains page 1 to page 61 including this index page. Further certified that this NIT contains printed matter only and there is no correction/insertion/addition/deletion in it.

This NIT is approved for Rs.17,33,713/-
(Rupees Seventeen Lakh Thirty Three Thousand Seven Hundred and Thirteen only)

EXECUTIVE ENGINEER(E)
CLTED,CPWD,CALICUT

PART -A

**INFORMATIONS AND INSTRUCTIONS FOR CONTRACTORS FOR
e-TENDERING
CPWD-6
CPWD 7
SCHEDULE A TO F**

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-
TENDERING FORMING PART OF BID DOCUMENT**

The Executive Engineer (E), Calicut Electrical Division, CPWD, Calicut on behalf of the President of India invites Online Percentage rate tenders from CPWD Enlisted Contractor of appropriate class in building and road category in Single Bid system for the following work:

S. No.	NIT No.	Name of work & Location	Estimated cost put to Bid	Earnest Money	Period of Completion	Last date & time of submission of bid, copy of receipt for deposition of original EMD and other document as specified in the NIT	Time & date of opening of Eligibility Bid
1	2	3	4	5	6	7	8
1	14/CLTED/2026-27	MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance	Rs.17,33,713/-	Rs.34,674/-	12 (Twelve) Months	23.09.2026 up to 15.00Hrs.	23.09.2026 at 15.30Hrs.

1. The intending bidder must read the terms and conditions of **CPWD-6** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. This information and instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of Plans, Specifications, Schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.etender.cpwd.gov.in or www.cpwd.gov.in free of cost.

4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>
6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of **JPG** format and **PDF** format.
9. The work is **MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance**
The bidder shall be required to execute the work on top priority and to arrange the resources of men and materials accordingly as directed by Engineer-in-Charge
10. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

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

However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The tenderer should also read the **General Conditions of Contract for CPWD Works 2023 (Maintenance Works)** amended up to date (available on CPWD above websites), which is available as Govt. of India Publications.

12. Tenders with any condition including that of conditional rebates in the tender document shall be rejected forthwith.
13. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/ taking up of works in CPWD. The Department reserves the right to verify the particulars furnished by the applicant independently.
14. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following under taking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard".
15. If the bidder has not possessed valid electrical license of appropriate voltage to execute electrical work in "KERALA", then in such a case the bidder shall scan and upload following under taking along with other bid documents.

"If work is awarded to me, I/we shall either obtain valid electrical license at the time of execution of electrical work or associates with contractor registered in composite category in appropriate class in CPWD for execution of the above said work possessing Valid Electrical License of appropriate voltage issued by competent authority".

16. List of Documents to be filled in by the bidders in various forms to be scanned and uploaded in JPG / PDF format within the period of bid submission:

- i. Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
- ii. Copy of receipt for deposition of original EMD issued from Division Office of any Executive Engineer, CPWD (including NIT issuing EE/AE)
- iii. Enlistment Order of the Contractor.
- iv. GST registration Certificate of the State in which the work is to be taken up or undertaking as per Para-14 above.
- v. Copy of PAN (Permanent Account Number)
- vi. Valid Electrical License of appropriate voltage issued by Kerala State Electrical Inspectorate to execute works in "KERALA" or undertaking as per Para -15 above.

(Note: -The Scope of work includes maintenance of specialized works, which shall be executed through the OEM/Authorized Service Agency/Specialized Agency, as applicable, in accordance with the eligibility criteria specified in the Notice Inviting Tender (NIT).)

**EXECUTIVE ENGINEER (E)
CLTED,CPWD, CALICUT**

ANNEXURE 20A.14
(New Annexure as per DG/MAN/341)

INFORMATION AND INSTRUCTIONS FOR EXECUTIVE ENGINEER
for e-TENDERING

1. The Engineer-in-Charge/DDH of any divisions/projects of CPWD or any other officer designated by CPWD Directorate from time to time, are authorized to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.
2. The NIT approving authority/ Tender inviting authority at the time of issue of NIT also fills and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-

Receipt of deposition of original EMD

(Receipt No...../Date.....)

Name of Work: **MOEI& Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27.**
SH: Providing labour and material for day to day maintenance

- | | | |
|----------|--|-------------------------------------|
| 1 | NIT No. | :14/CLTED/2026-27 |
| 2 | Estimated Cost: | : Rs. 17,33,713/- |
| 3 | Amount of Earnest Money Deposit | : Rs. 34,674/- |
| 4 | Last date of submission of bid | : 23.09.2026 up to 15.00.Hrs |

*(*To be filled by NIT approving authority/EE at the time of issue of NIT and uploaded alongwith NIT)*

- | | | |
|-----------|--|----------|
| 1. | Name of Contractor | : |
| 2. | Form of EMD | : |
| 3. | Amount of Earnest Money Deposit | : |
| 4. | Date of submission of EMD | : |

Signature, Name and Designation of EMD receiving officer(EE/AE(P)/AE/AAO) alongwith Office stamp.

(# to be filled by EMD receiving EE)

3. The Authority receiving EMD in original form examines the EMD deposited by the bidder and issues receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazetted authority as authorized by the Engineer-in-Charge/DDH.
4. The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.

5. The original EMD receiving authority releases the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier, after verification from the e-tendering portal website ([https:// etender.cpwd.gov.in](https://etender.cpwd.gov.in)>closedTender>all) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting authority calls for original EMD of the L-1 tenderer from EMD receiving authority immediately.

Note: Earnest Money in the form of Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee (as prescribed) from any of the Commercial Bank (drawn in favour of Executive Engineer, CPWD, Calicut).

**THE MINIMUM ELIGIBILITY CRITERIA FOR SPECIALIZED WORKS WHEREVER
APPLICABLE**

Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of the month previous to the one in which tenders are invited. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to previous day of last day of submission of bid. For other conditions, refer special conditions specified in Part B.

The CPWD Enlisted contractor shall either himself meet the eligibility conditions for the respective E&M packages or otherwise, he will have to associate an agency meeting the eligibility requirements as given in this tender document and submit the details as per Annexure-1A, in Part A of this tender document within 7 days of award of work.

Sl. No	Component of E&M works	Estimated cost in Rs.	Eligibility
1	Maintenance of DG Set	Rs.5239/-	Eligibility : OEM/Authorized service agency
2	Maintenance of Lift	Rs.1,35,000/-	Eligibility : Original Equipment Manufacturer(OEM)
3	Maintenance of Fire fighting with Wet Riser System	Rs.57,168/-	Eligibility : The main contractor shall have to associate with agency fulfilling the following eligibility criteria (if he himself does not fulfil the eligibility criteria) with completion certificate issued by an officer not below the rank of Executive Engineer or equivalent duly attested. Three similar completed works each of value not less than 40% of the Estimated cost of this particular sub head. or Two similar completed works each of value not less than 60% of the Estimated cost of this particular sub head. or One similar completed work of value not less than 80% of the Estimated cost of this particular sub head. Similar work shall "SITC/Maintenance of Fire fighting System". However, the main contractor shall also be eligible to carry out himself without associating any specialized agency provided: (a) He fulfils the prescribed eligibility criteria respectively for this work

The applicant/ main contractor has to submit consent letters as per Annexure-1B, given in Part A of this tender document from at least one eligible associate agency of the respective component of E&M work for each of the component of E& M works by clearly indicating the component of work within 7 days of award of work.

The main contractor will submit Affidavit of MOU signed with eligible associated contractor. The Affidavit of MOU in the enclosed Annexure-1C” shall be signed by both contractors, Main contractor as 1st party and associated contractor as 2nd party, independently for NAME OF WORK: :MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefightingetc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance, **specified** as above.

If the main contractor fails to associate agency for execution of minor/specialized components of work within 7 days of award of work or furnishes incomplete details or furnishes details of ineligible agencies even after the tenderer is given due opportunity, the entire scope of such component of work shall be withdrawn from the tender and the same shall be got executed by the Engineer-in-Charge at the risk and cost of the main contractor.

Verifiable completion certificates of the work, Valid Electrical license, self-attested GST registration documents in respect of the associated agencies as the case may be, duly attested by the applicant shall be submitted within 7 days of award of work.

Executive Engineer (E)
CLTED, CPWD, Calicut

PROPOSAL FOR ELIGIBLE ASSOCIATED AGENCIES FOR SPECIALIZED COMPONENTS OF WORK

I/we hereby propose the following agencies as per mentioned against each for executing corresponding Specialized components of work. Their consent letters are also attached.

Sl.No	Name of Associated Contractor	Category and Class of registration	Enlistment copy/completion Certificates attached	Monetary Limit of work	Validity of registration	Consent letter attached (Yes/No)
	Maintenance of 125 KVA DG Set					
	Maintenance of 13 Passenger Lift					
	Maintenance of Fire fighting with Wet Riser system					

Note: Self Attested photocopies of work experience certificates of each agency for each component of specialized component of work as applicable shall be submitted.

Signature of contractor

CONSENT LETTER FROM THE ELIGIBLE ASSOCIATED AGENCY FOR SPECIALIZED COMPONENTS OF WORK

NAME OF WORK: **MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27.**
SH: Providing labour and material for day to day maintenance

I / We hereby give my consent to associate with M/s, for executing the Specialized component of work of (Mention category).

I / We will execute the work as per specifications and conditions of the agreement and as per directions of the Engineer –in-Charge for the corresponding specialized work till the completion of the work.

I / We will be responsible for necessary action to handover the installations and for rectification of defects and repair during the maintenance / warranty period.

Also I / We will employ technically qualified Engineer / supervisor for the specialized component of the work as required for the work. I / We will attend inspection of officers of the department as and when required.

Date:

Signature with date of Major component
Component

Signature with date of Associate/ Minor

Contractor

Contractor

Address

Address

Witness with address
(From major component contractor side)

Witness with address
(From minor component contractor side)

MEMORANDUM OF UNDERSTANDING [M.O.U] BETWEEN
MAIN AGENCY AND ASSOCIATE AGENCY

(To be submitted separately for each specialized components of the work)

- 1] M/S [Name of the firm with full address)
Enlistment Status
Valid Upto:
[Henceforth called the main contractor]

And

- 2] M/S [Name of the firm with full address)
Enlistment Status
Valid Upto:
[Henceforth, called Associated Electrical Contractor or Electrical Contractor]

Name of Work: MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance of an estimated cost of **Rs.17,33,713/-** as per schedule, specifications, terms and conditions of the tender.

We state that M.O.U between us will be treated as an agreement and has legality as per Indian Contract Act (amended up to date) and the department (CPWD) can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent this MOU allows. Both the parties can be paid consequent to the execution as per agreement to the extent this MOU permits. In case of any dispute, either of us will go for mediation by the Engineer In charge. Any of us may appeal against the mediation to the **Superintendent Engineer, CPWD, Calicut**. His decision shall be final and binding on both of us.

We have agreed as under:

1. The Associated Agency shall execute all the specialized works in a complete and workmanlike manner in accordance with the terms and conditions of the Agreement. Any financial or contractual arrangement between the Main Contractor and the Associated Agency shall be their sole responsibility and shall not involve or be binding on the Department in any manner. The Security Deposit shall be recovered from the Main Contractor in accordance with the provisions of the Agreement.
2. The Associated Agency shall be liable for disciplinary and/or other legal action, as applicable under the terms and conditions of the Agreement, if it fails to

discharge its obligations under this Agreement, in addition to forfeiture of the Security Deposit, as applicable.

3 The Associated Agency shall be solely responsible for providing all machinery, equipment, tools, tackles, and other resources required for the execution of the specialized works in accordance with the terms and conditions of the Agreement.

4 The Associated Agency shall deploy and maintain adequate qualified site staff required for the execution of the specialized works in accordance with the terms and conditions of the Agreement.

**SIGNATURE OF MAIN CONTRACTOR
ELECTRICAL CONTRACTOR**

SIGNATURE OF ASSOCIATED

Date

Date

Place

Place

Witnesses

Witnesses

**(From Major Component Contractor side)
Contractor side)**

(From Minor/specialized Component

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
CPWD-6 FOR e-TENDERING**

1. Online Percentage rate bids are invited on behalf of the President of India from approved and eligible contractors of CPWD in appropriate class for the following work:

**Name of Work: MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27.
SH: Providing labour and material for day to day maintenance**

The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of Bid is extended, the enlistment should be valid on the original date of submission of Bids.

1.1 The work is estimated to cost **Rs.17,33,713/-**, 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 NIT's 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 correspond to the combined estimated cost of different components put to bid.

1.2. Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of Having satisfactory completed similar works of magnitude specified.

2. Agreement shall be drawn with the successful bidders on prescribed **Form No.CPWD7/8**(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 12 (Twelve) Months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.**

4. The entire site is available

OR

~~The Site for the work shall be made available in parts as specified.~~

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 <http://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 or withdraw it before last date and time of submission of bid as notified. No post-tender modification is allowed by the tenderers except through negotiations, if required. In case, any tenderer does so, the tender will be rejected and the tenderer will be debarred for future tendering in CPWD for two years by the concerned enlisting authority (in case of CPWD enlisted contractor) and by the concerned CE/SE (in case of non-enlisted contractor).

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. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (***drawn in favour of Executive Engineer, CPWD, Calicut***) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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

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

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e-tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD with any division of CPWD and other documents scanned and uploaded are found in order.

The Bid submitted shall be opened at 15.30 Hrs on 23.09.2026.

9. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:
- (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
11. The Description of the work is as follows:

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

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.
12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
 13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
 14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
 15. 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 CPWD or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
 16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
 17. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and 75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further
 - (i) If and tenderer withdraws his tender within 7 days after last date and time (24 hours basis) 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 and tenderer withdraws his tender after expiry of 7 days after last date and time (24 hours basis) of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely respective 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.

18. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid 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 bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7 / 8 or other Standard C.P.W.D. Form as applicable.

19. The Contractor/Agency shall not execute any Extra/Substitute and deviated item as specified in BOQ without prior approval of Engineer-in-charge.
20. Water and electricity to be used in the work will be in the scope of agency. No extra payment will be done for it.
21. Contractor shall submit the drawing before execution of work for all E&M services to the respective Engineer in charge for approval without any cost/claims.
22. Small civil work such as cutting or making any hole or after installation of items making it good again will be in the scope of agency without any cost/claims.
23. 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 0495-2326501, e-mail Id eeecitcedcpwd@gmail.com.) ERP help line no. 18001803286 or email ID: cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issue till the last date of submission of bid in their own interest.
24. **Price Preference to SC/ST individual contractor for item rate/percentage rate tender:**

Price preference in quoted item rate/percentage rate tender shall be applicable to the individual enlisted/non-enlisted SC/ST contractor as under:

- (i) For work(s) upto and equal to an estimated cost of Rs. 2.80 lakh a price Preference upto 5% (with reference to the lowest valid tender) may be allowed in favor of individual SC/ST enlisted/non-enlisted contractor. No earnest money is required in such case(s). (ii) For work(s) beyond an estimated cost of Rs. 2.80 lakh and upto and equal to estimated cost of Rs. 6.40 lakh, the price preference upto 5% (with reference to the lowest valid tender) may be allowed in favour of individual enlisted SC/ST contractor. However, earnest money at a reduced rate of ½% may be accepted in such cases. The price preference upto 5% (with reference to the lowest valid price bid) may be allowed in favour of individual SC/ST contractor only. The above concession shall be allowed only after verification of the individual

contractor's claim of belonging to SC/ST community.

25. PG shall be 5% of the estimated cost put to tender (ECPT) or contract amount whichever is higher, or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.
A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.

Requirement of Additional Performance Guarantee (APG): In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (E.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be $0.8A - 0.7A$). The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame of prescribed for submission Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.

EXECUTIVE ENGINEER(E)
CLTED, CPWD, CALICUT

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

Percentage Rate Tender & Contract for Works

(A) Tender for the work of: - **Name of Work:**

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance.

(i) Tender to be uploaded by **15:00 hours on 23.09.2026** to Executive Engineer(E) , CPWD, Calicut / uploaded at www.etenderwizard.cpwd.gov.in.

(ii) Tender to be opened in presence of tenderers who may be present at **15:30 hours** on **23.09.2026** in the Office of Executive Engineer(E) , CPWD, Calicut .

TENDER

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

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

We agree to keep the tender open for **Thirty (30) days** from the due date of its opening in case of Single Bid system and ~~Sixty (60) days from the date of opening of Technical Bid in case Tenders are invited on 2/3 bid system for specialized works and~~ not to make any modification in its terms and condition.

A sum of **Rs.34,674/-** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money

A copy of earnest money in receipt treasury challan / deposit at call receipt of a scheduled bank/ fixed deposit receipt of scheduled bank / demand draft of a scheduled bank / bank guarantee issued by a schedule bank is scanned and uploaded (strike out

as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to 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 Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

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

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

(a)

(b)

(c)

India

For & on behalf of President of

Signature

.....

Designation

.....

Dated:

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 (E)(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(s)”) for compliance of his obligations in accordance with the terms and
conditions of the said NIT.

OR**

Whereas the Executive Engineer (E)(name of Division)CPWD
on behalf of the President of India (hereinafter called “The Government”) has entered
into an agreement bearing numberwith(name and
address of the contractor).....(hereinafter called “the Contractor”) for
execution of work(name of the work).....The
Government has further agreed to accept to accept an irrevocable Bank Guarantee for
Rs(Rupeesonly) 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 Hereinafter 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 amounts due and payable under this Guarantee without any
demure, 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(s). 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 to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractors 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 contractors shall have no claim against us for making such payment.
5. We(Indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractors 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 contractors and to for-bear 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 contractors or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) 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 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 constituted 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 tounless extended on demand by 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.

Dated

Witness :

- | | | |
|----|------------------|----------------------|
| 1. | Signature | Authorized signatory |
| | Name and Address | 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.**

PROFORMA OF SCHEDULE

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) : See Part C of the NIT

SCHEDULE 'D' -

Extra schedule for specific requirements/document for the work, if any. : NIL

SCHEDULE 'E'

Reference to General Conditions of contract. CPWD General Conditions of Contract 2023 - Maintenance Works with amendments up to date.

Name of Work:

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

Estimated cost of work : **Rs.17,33,713/-**

(i) Earnest Money Deposit : Rs.34,674/-

(ii) Performance Guarantee : 5 % of Tendered Amount or ECPT whichever is Higher and APG as per order No.DG/Manual-2024/20 dated 27.02.2026.

(iii) Security Deposit : 2.5% of Tendered Amount

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

Officer inviting tender : EXECUTIVE ENGINEER(E)
CPWD,CALICUT

Definitions:

2(v) Engineer-in-Charge EXECUTIVE ENGINEER(E)
CPWD,CALICUT

2(viii) Accepting Authority. EXECUTIVE ENGINEER(E)
CPWD,CALICUT

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

2(xi) Standard Schedule of Rates Delhi Schedule of Rates (E&M) 2025 and prevailing market rates as applicable.

2(xii) Department CPWD

Clause 1

(i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour : **07(Seven) days**
Labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance

(ii) Maximum allowance extension with late fee @ 0.1% per day of Performance Guarantee amount: **03(Three) days** beyond the period provided in (i) above

Clause 2

Authority for fixing compensation under clause 2

Superintending Engineer
CPWD, Calicut – 673003

Clause 5

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

: **07(Seven) days**

Time allowed for execution of work

: **12 (Twelve) Months**

Authority to decide:

(i) Extension of time

Superintending Engineer
CPWD, Kendriya Bhavan,
Calicut – 673003

(ii) Shifting of date of start in case of delay in handing over of site

: Superintending Engineer
CPWD, Kendriya Bhavan,
Calicut – 673003

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	Entire site is available for Maintenance	N/A
Part B	Portion with encumbrances	N/A	N/A
Part C	Portions dependent on work of other agencies	N/A	N/A

Clause 6 :Applicable

Clause 7 :Applicable

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 :**2 Lakhs**

Clause 7A

Whether Clause 7A shall be applicable :Yes

Clause 10A

List of testing equipment to be provided by the Tong Tester :Megger,Earth Tester,Multimeter,

Clause 10B (ii)

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

Clause 10C

Component of labour expressed as percent of value of work :NA

Clause 11

Specifications to be followed for execution of work **CPWD General Specifications for Electrical Works Part-I- Internal 2023, Part-II External 2023, Part III Lift and escalator 2003, Part V wet riser cum sprinkler system 2020**As per relevant IE Rules and

also as per direction of the Engineer-in-Charge.

Clause 12

12.2. & 12.3 Deviation Limit beyond which clauses 12.2 & : No Limit
12.3 shall apply for building work.

12.5 (i) Deviation Limit beyond which clauses
12.2 & 12.3 shall apply for foundation work **N.A.**
(except items mentioned in earth work sub head in
DSR and related items)
(ii) Deviation Limit for items mentioned in
earth work subhead of DSR and related items **N.A.**

Clause 16

Competent Authority for deciding reduced rates. : Superintending Engineer
CPWD, Kendriya Bhavan,
Calicut – 673003

Clause 18

List of mandatory machinery, tools & plants : As required for timely
To be deployed. execution of by the
contractor at sitework
as per direction of
Engineering-in-Charge

Clause 19C authority to decide penalty for each default: Executive Engineer (E),
CLTED, CPWD

Clause 19D authority to decide penalty for each default: Executive Engineer (E),
CLTED, CPWD

Clause 19G authority to decide penalty for each default: Executive Engineer (E),
CLTED, CPWD

Clause 19K authority to decide penalty for each default: Executive Engineer (E),
CLTED, CPWD

Clause 25

Clause-25: Constitution of Dispute Redressal Committee (DRC)

Conciliator	ADG, CPWD, Kochi or successor thereof
Arbitrator Appointing Authority	SE, CPWD, Calicut or successor thereof.
Place of Arbitration	Calicut or as decided by the Arbitration Appointing Authority

I N T E G R I T Y P A C T

To,

.....
.....
.....

Sub: **NIT No.14/CLTED/2026-27** for the work:-

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

Dear Sir,

It is here by declared that CPWD is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the CPWD.

Yours faithfully

EXECUTIVE ENGINEER(E)
CLTED, CPWD, CALICUT .

I N T E G R I T Y P A C T

To,

EXECUTIVE ENGINEER(E)
CLTED, C.P.W.D.
CALICUT

Sub: Submission of Tender for the work of: -

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance.

Dear Sir,

I/We acknowledge that CPWD is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, CPWD shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

I N T E G R I T Y P A C T

**TO BE SIGNED BY THE BIDDER AND SAME SIGNATORY COMPETENT /
AUTHORISED TO SIGN THE RELEVANT CONTRACT ON BEHALF OF CPWD.**

INTEGRITY AGREEMENT

This Integrity Agreement is made at on thisday of 20.....

BETWEEN

President of India represented through **EXECUTIVE ENGINEER(E), CLTED, CPWD, CALICUT**, (Hereinafter referred as the (Address of Division) '**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

..... (Name and Address of the Individual/firm/Company) through..... (Hereinafter referred to as the (Details of duly authorized signatory) "**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

PREAMBLE

Name of Work:

WHEREAS the Principal / Owner has floated the Tender **(NIT No.14/CLTED/2026-27)** (hereinafter referred to as "**Tender/ Bid**") and intends to award, under laid down organizational procedure, contract for:-

MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance.

Hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
 - (c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code(IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind what so ever during the Tender process or during the execution of the Contract.
 - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

- (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
 - (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all CON 255 Page 9 payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
 - 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
 - 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
- 2) **Forfeiture of Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee / Security Deposit of the Bidder/Contractor.
- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, CPWD.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contract documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....

(For and on behalf of Bidder/Contractor)

WITNESSES:

1.
(Signature, name and address)

2.
(Signature, name and address)

Place :

Date :

PART -B

SPECIAL CONDITIONS, PARTICULAR SPECIFICATIONS, LIST OF PREFERRED MAKES

SPECIAL CONDITIONS

Scope of work: It is proposed to provide MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance as per tender document located at ZSI office and residential quarters, Calicut. The contractor shall therefore, undertake periodic operation & maintenance as per Annexure attached and maintain the record of the same which has to be produced to the Department monthly basis. It is the responsibility of the contractor to visit the site regularly for co-ordinating the works by deploying suitable manpower for carrying out the various maintenance activities smoothly. One shift will be of 8 hours duration a day. Shift of duty can be changed by as per the direction of Eng-In-Charge.

1. Details of E/M installation i/c day to day electrical complains in one shift at ZSI office and residential quarters, Calicut.
2. Supplying of material for day to day maintenance will be fixed by maintenance staff already engaged, material will be supplied only when required as per the complaint and to be entered in MAS Register.
3. The Contractor is advised to visit the above site and make themselves conversant with the scope of work and all the local safety / security rules and regulations to be observed strictly and on no claim whatsoever shall not be entertained, later on, on this account.
4. All petty materials such as fuse wire, test lamp, insulation tape, cotton waste, complaint register, log book, task book, brooms etc. shall be provided by the contractor within the tendered cost, no extra payment on this account.
5. The contractor shall maintain proper records/complaint dairy duly signed by the occupants for materials used on work. The payment of material shall be made after verification of records by JE(E).
6. The complaint will be attended and rectified within 24 hours, otherwise recovery of Rs. 500/ per day for each complaint will be affected from due bills.
7. Contractor shall maintain register for operation of Pump Sets, DG set etc as required at each work place and the task book for day-to-day recording maintenance activities carried by them.
8. The contractor will provide mobile phone to the workers for lodging complaints etc. failing which recovery @ Rs. 200/- per day shall be made from the contractors due bill.
9. The workman engaged for the works will be qualified as per relevant trade rules of CPWD Manual Part-III and also as per IE rules 1956 as amended up to date. This is purely a service contract. All the staff engaged by the contractor shall be purely his liability and department in no way shall be responsible for any compensation for any of their acts / accidents.

10. The contractor shall provide all necessary normal tools and plant including ladder and hand gloves, etc. safety devices and first aid box to his workman to carry out the day-to-day work as per schedule / Annexure attached, failing which recovery @ Rs. 100/- per day shall be made from the contractors due bill.
11. This is a stop-gap arrangement. The contractor or his employees got no claim for the regularization in the department.
12. Cleaning of meter room, etc. shall be the responsibility of the contractor and no extra payment will be made for the same.
13. The contractor shall arrange to render efficient preventive service. However, in case he fails to maintain the services to the satisfaction of the Engineer-in-charge and the department has to incur any expenditure on that account, the expenditure this incurred will be recovered from the contractor. Continuity, insulation testing shall be carried out immediately within two months after taking over the installations for maintenance and thereafter every six months. Proper records shall be maintained for all the above. In case any complaint pending because of a reason beyond control of the contractor, he shall intimate the same to JE (E) / AE (E) at CLTED, CPWD, CALICUT by phone or by special messenger within 6 hours.
14. The contractor and / or his representative, labour should not remove or disturb or dislocate the existing equipment unless until not authorized by the Engineer-in-charge. The contractor shall be responsible for any damage or theft and shall have to make good to its original shape during maintenance.
15. The contractor shall deploy following manpower for carrying out the work :-
 - a. **Wireman cum operator –1 No.**
 - b. **Electrical Khallasi – 1 No.**
16. In case a member of the contractor staff fails to attend the duty, the contractor shall have to provide suitable replacement otherwise recovery shall be made from the bills of the contractor @ double rate of minimum wages of labourers.
17. The minimum staff to be deployed for maintaining the E/M installations etc. as per the requirement and no over time will be paid on this account.
18. In case of any accident during the operation/ maintenance of the equipment leading to injuries, damages to human being equipment and or loss of life, the contractor shall be fully responsible for setting all claims and indemnity the department shall not responsible against any claims arising out of such accident, consequential damages to the system will, however be not recoverable from the contractor.
19. Water and Electricity for operation/ maintenance will be arranged by the department.
20. The work or any part of the work may be cancelled/ withdrawn if the performance of maintenance is not satisfactory or otherwise by giving advance information of one week only. In this regard the decision of the Engineer-in-charge will be final and no claim whatsoever on this account will be entertained.

21. Before taking over the possession of site contractor has to produce the required certificate of qualification of Operator along with necessary T&P to whom he proposed to deploy at site, to the Assistant Engineer-in-charge of work. Apart from satisfying the Operator qualifications workers deployed must have sufficient knowledge to operate and maintain satisfactorily the electrical and mechanical installations as mentioned above.
22. Though the proposal has been made for recovery from the bill of the contractor in case of absence from duty by the workers deployed, but the contractor has to see that, immediately necessary substitute to be deployed in a pre-planned manner. Also contractor has to pay necessary dues to the persons deployed immediately after completion of one month period, but not more than eight days after the completion of one month period. The contractor has to submit the task book wherein the record of day-to-day operation and maintenance activities as required shall be reflected. Non-compliance of these all shall be treated as unsatisfactory performance and thereby contract shall be cancelled and contractor shall not be allowed further to purchase and participate in tendering process.
23. Contractor shall maintain attendant register of his employees. Also submit the Name and Xerox copy of license of employees within 15 days of the Award of the work.
24. The contractor must be follow minimum labour wages act and pay the same amount in presence of JE (E) / AE (E) i/c maintain proper pay receipt register with proper sign by concern labour and submit the register at the time of bill.
25. All wages shall be paid **Through Bank or ECS or Online Transfer to labour bank account.**
26. It shall be the duty of agency to ensure the disbursement of wages through bank account of labour.
27. It is the responsibility of the contractor to ensure the payment of workman's ESIC & EPF contribution of employer & workman's part both and he shall be eligible to claim only the employer's part without profit as reimbursement from the department upon production of valid proof of payment.
28. The contractor shall provide uniform along with name plate. Contractor will provide neat & clean uniform to all workers failing which a recovery of Rs 100 per day per person shall be made from the bill. Colour & pattern of uniform shall be as per decision of Engineer-in-charge. Representative of contractor and labours shall be invariably follow the hygienic protocol of the client.
29. The contractor will arrange & store all the materials at Enquiry office, required for attending day to day maintenance complaints in advance as decided by Engineer-in-charge, throughout the agreement period. A material at site (MAS a/c) shall be maintained by the contractor for materials brought at site and used in day to day maintenance work. The MAS a/c shall be kept at service centre so that officers of CPWD can review the quantity and quality of materials present in store. The MAS a/c shall be the property of the Engineer-in-charge after the completion of the work. Updated MAS register should be submitted by the contractor in each RA bill.

30. The Engineer / Supervisor who are employed by the contractor under Clause of the Agreement shall be present at site from 09.00 AM to 06.00 PM on all working days and shall carry mobile phones to enable the Engineer-in-charge and his representatives 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 shall be inclusive of this obligation.
31. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The Department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained/accepted by the Department.
32. Emergency complaints such as no power supply, leakage of current/sparks, short circuiting fire hazards of any nature etc shall be attended within one hour else a recovery of Rs 500/- per emergency complaints shall be made from the contractor's bill.
33. Normal complaints shall be attended within four hours otherwise a recovery of Rs 500/- per complaint shall be made from the contractor's bill.
34. Make of the materials mentioned in Schedule SI No. 2 required for maintenance of E & M installations at site should be supplied by the contractor as per the existing make of maintenance materials etc. available at site.
35. The agency is required to furnish the documents / certificate in support of his experience to execute the DG set related E & M works.
36. Materials like Coolant and Lubrication Oil etc required for DG set servicing should be purchased from respective OEM dealer/distributor and payment for the same will be made extra on production of original GST invoice.

EXECUTIVE ENGINEER(E)
CLTED, CPWD, CALICUT

ANNEXURE-I

Details of work to be done by the Contractor

DAILY

- a. Providing and maintaining complaint register, log book of pump sets.
- b. Day to day operation & maintenance of water pump sets, checking of all indicating lamps, etc.
- c. Checking the functionality of street light / compound light

WEEKLY

- a. Watering of earth pit.
- b. Cleaning and checking of switches, cubical boards, L.T. Panels, etc.
- c. Checking of ceiling fans, light fittings and exhaust fans
- d. Checking the capacitor panel & battery Bank

HALF YEARLY

1) Checking and recording the following tests:

- a. Insulation resistance test
- b. Polarity test of switch
- c. Earth continuity test
- d. Earth electrode resistance test

MAINTENANCE OF PANEL BOARDS / FEEDER PILLARS

- (a) General Cleanness (Daily)
- (b) Check up all indicating lamps (Daily)
- (c) Check up switch boards power supply and control supply (Daily)

PREVENTIVE MAINTENANCE

The contractor shall in consultation with Assistant Engineer-in-charge decide upon the various preventive maintenance exercises and carry out the same at stipulated time. The results of the same shall be recorded and signed by firm and the Assistant Engineer.

These activities shall be like:

1. Checking of all the panels for loose connection, etc.

EXECUTIVE ENGINEER(E)
CLTED, CPWD, CALICUT

SPECIAL CONDITIONS FOR LIFT

1 Name of Work: MOEI & Fans i/c RMO DG set, Pump set, street light, lift, STP, firefighting etc at ZSI office and residential quarters, Calicut for the year 2026-27. SH: Providing labour and material for day to day maintenance

1. General

- (a) **Scope of Work:** **1 No.8 passenger lift.** Renew all wire ropes and chains (where fitted) as often as required to maintain an adequate factor of safety to equalize the tension on all hoisting ropes, repair or replace conductor cables and hoist way and machine room elevator wiring.
- (b) Furnish lubricants compounded to **OTIS Lift** stringent specification.
- (c) Examine periodically all safety devices and governors and make all customary safety tests.
- (d) Machine, Worm Gear, Thrust Bearings, Drive Sheave, Drive Sheave Bearings, Break contract, Linings components.
- (e) Motor, Motor Generator, Motor Windings, rotating elements, Commutator, Brushes, Brush holders, Bearings, Coils, Resistance for operating and motor circuits, magnet frames and other mechanical parts.
- (f) Controller, Selector, Leveling, Devices, Cams, Relays, solid State components, e.g. PCB's, Transducers, Resistors, Condensers, Power amplifiers, Transformers, Contacts, Leads, Dashpots, timing Devices, Steel.
- (g) Selector tapes and mechanical and electrical driving equipment.
- (h) Governor, governor sheave, shaft assembly, bearings, contacts and governor jaws.
- (i) Car and hall mechanical buttons, car and hall position indicators, hall lanterns, car direction indicators and all other car and landing signal fixtures as installed.
- (j) Deflector or secondary sheave, bearings, car and counterweight guide rails and buffers, top and bottom limit switches, governor tension sheave assembly, car counterweight guide shoes including rollers of gibs.
- (k) Interlocks on hoist way door, hoist way door hangers, guides, automatic power operated door operator, car door hanger, car contact, accessories safety shoes, load weighting equipment, car frame, car safety mechanism and platform will be furnished will be furnished by the firm on an exchange basis under which replaced parts become the property of firm.

- (l) In case of discontinue manufacture of any of the above-mentioned items the firm will apprise the department for any modificationsThe work involves the following components.
 - (m) Monthly servicing adjustments, lubricants, repair or replacement of necessary parts and make entries accordingly in the maintenance schedule book of the lift.
 - (n) Monthly checking includes Door Assembly, Lift Car, Controller, ARD, Traction system etc. and Check Report should be submitted to the Engineer – In – Charge.
 - (o) Breakdown calls to be attended free of cost when occurs.
 - (p). Land line / Mobile Number of the technician to be displayed in the lift car / Door side in every floor.
2. The firm will maintain current **OTIS Lift** engineering wiring diagram for the term of this agreement only. The firm will provide emergency minor adjustment Call Back service at no extra charge will be extended round the clock on all working days as well as holidays. However, any other repairs or service will be performed during normal working hours on normal working days. In case there is any extra requirement for deputing the staff on duty due to VVIP function the same will be paid extra.
 3. The department will report details of unsatisfactory running or irregular performance of the equipment and will keep clean and in good condition those parts excluded from this agreement and will provide the machine room with adequate lighting, cooling, moisture control and or ventilation as may be required in the judgment of firm to assist its men in providing the work set out hereunder and in enhancing the effective operation of the equipment. The ambient temperature in the machine room should remain and will keep away from any areas enclosing mechanical or electrical equipment, persons other than firm's authorized employees.
 4. The Department will provide the firm unrestricted ready access to all area of the building in which and any parts of the units are located and to keep all machine rooms and pit areas free from water, stored material and rubbish / debris. If any unit is malfunctioning or in a dangerous condition, the department shall immediately notify the firm and until the firm rectifies the problem and to remove the unit from service and take all possible precautions to prevent its access or use. The department agrees to display any publicity material relating to safety / use of equipment's and warnings to passengers in connection with the use of the **Lifts**.
 5. All the defects shall be resolved within 4 hours of informing the complaints by telephone calls. In case of major defects, the same shall be rectified most urgently within minimum required time.

6. In case of failure to attend the complaint for more than 24 hours without reasonable cause, a prorata recovery @ Rs.1000/- per lift per day shall be made from the running account bills.
7. The firm has to maintain the lifts as per instructions of the Engineer-in-Charge or his authorized representative at site, for smooth running / operation of the lifts. The decision of the Engineer-in-Charge shall be binding and final.
8. The staff deputed by the firm shall have to abide by the security regulations of the building.
9. It shall be firm's sole responsibility to maintain the complete lifts system upto statutory safety regulations. Failure to do so, causing an accident, resulting in payment of liquidated damage; the same shall be borne by the firm.
10. Any minor addition / alteration or change of design required for smooth and efficient working of lifts as deemed necessary by the department, shall be carried out by the firm within the quoted cost.
11. Any minor civil work involved in day-to-day maintenance shall be carried out by the firm within the quoted cost. Any damage caused during day-to-day maintenance shall be made to good to original finish, free of cost by the firm.
12. The lifts have to work in the variable ambient conditions of the environment and at normal electric supply available at lift control room. Department does not guarantee towards any improvement of environmental or electric supply conditions.
13. The firm shall keep all the lifts operative all the times, however in case of repairs beyond reasonable control, the firm shall put the elevators in perfect serviceable conditions taking the minimum shutdown period, which will be intimated to the department at the time of such repair.
14. The firm shall be responsible for any damages due to any kind of accident, in case it occurs when maintenance or any repair work is being executed by it. The contractor shall execute the whole work in the most substantial and workman like manner in strict accordance with the specifications, approved design, drawings, particular specifications, special conditions, additional conditions and instructions of the Engineer-in-Charge.
15. The work shall be carried out in such a manner so as not to interfere or adversely affect or disturb other works being executed by other agencies, if any.
16. The work shall be carried out in the manner complying in all respects with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
17. The contractor shall maintain in good condition all work executed till the completion of entire work entrusted to the contractor under this contract.

18. The Contractor(s) shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night. In case of any accident of labourers / contractual staffs the entire responsibility will rest on the part of the contractor and any compensation under such circumstances, if becomes payable, shall be entirely borne by the contractor.
19. The contractor has to follow the local security /safety rules and regulations prevailing in the area.
20. The quantities given in the schedule are subject to change to suit site conditions.

SPECIAL CONDITIONS FOR DG SET

1. Scope of maintenance

- Routine/preventive maintenance of DG Set including engine, alternator, AMF/auto mains failure panel, batteries, battery charger, control panel, fuel system, cooling system, lubrication system, exhaust system and associated accessories.
- Maintenance shall be carried out as per **OEM recommendations and CPWD specifications.**

2. Periodic servicing

- Preventive maintenance shall be carried out at prescribed intervals based on **running hours/monthly schedule and OEM recommendations.**
- Contractor shall maintain a **DG Set Log Book**, recording running hours, fuel consumption, oil level, battery condition, voltage, current, frequency, engine parameters and defects attended.

3. Engine maintenance

- Checking/cleaning/replacement of air filter.
- Checking engine oil level and lubrication system.
- Checking coolant level and cooling system.
- Checking belts, hoses, radiator and fan.
- Checking fuel filters, fuel lines and fuel leakage.
- Checking exhaust system and silencer.
- Checking engine mounting and vibration.

4. Electrical maintenance

- Checking alternator terminals, winding condition and insulation.
- Checking output voltage, frequency, current and phase balance.
- Checking AVR and excitation system.
- Checking AMF panel, contactors, relays, MCCB/ACB and protection devices.
- Checking auto/manual operation and mains failure/changeover operation.
- Checking indications, meters, alarms and annunciation.

5. Battery and starting system

- Checking battery voltage and electrolyte condition wherever applicable.
- Cleaning battery terminals and applying suitable terminal protection.
- Checking battery charger and float/boost charging.
- Checking starter motor and starting performance.

6. Trial run

- DG Set shall be test-run periodically under **no-load and load conditions**, as required.
 - During trial run, voltage, frequency, current, oil pressure, coolant temperature and other relevant parameters shall be recorded.
 - Any abnormal noise, vibration, leakage or overheating shall be rectified.
7. **Consumables and spares**
- The NIT should clearly specify whether **lubricating oil, filters, coolant, belts, batteries, fuses, lamps and other consumables/spares** are included in the quoted maintenance rate or payable separately.
 - Replacement of major components should normally be subject to approval of the Engineer-in-Charge.
8. **Breakdown attendance**
- Contractor shall attend breakdown/emergency complaints within the response time specified in the NIT.
 - DG Set shall be restored to service at the earliest possible time.
9. **Maintenance records**
Contractor shall maintain:
- DG log book
 - Preventive maintenance checklist
 - Breakdown register
 - Service reports
 - Test-run records
 - Details of spares replaced
 - Oil/filter replacement records
 - Fuel consumption records
11. **Safety**
- All maintenance shall be carried out with proper electrical isolation/LOTO practices.
 - Contractor shall provide necessary PPE and safety equipment.
 - No work shall be carried out on live electrical parts except where specifically permitted and under approved safety procedure.

SPECIAL CONDITIONS FOR ROUTINE MAINTENANCE OF FIRE-FIGHTING DOWNCOMER/WET RISER SYSTEM

1. Scope of Work

The work shall comprise routine, preventive and breakdown maintenance of the existing Fire Fighting Downcomer/Wet Riser System installed in the building, including fire-fighting pumps, electric/diesel pumps wherever provided, jockey pump, control/starter panels, underground/terrace fire-water tanks, fire-fighting pipe network, landing valves, hose reels, fire hoses, branch pipes/nozzles, breeching inlet, drain/test connections, isolating valves, non-return valves, pressure gauges, accessories and associated equipment.

2. Applicable Specifications

The work shall be carried out in accordance with the latest applicable CPWD specifications, CPWD General Specifications for Electrical Works Part-V – Wet Riser & Sprinkler Systems, CPWD Maintenance Manual, CPWD Works Manual/SOPs, relevant BIS/IS standards, manufacturers' recommendations and directions of the Engineer-in-Charge.

3. General Maintenance

The contractor shall keep the complete fire-fighting installation in fully operational and serviceable condition throughout the contract period.

Any defect noticed during inspection shall be attended to immediately. Where a portion of the system has to be isolated for unavoidable repairs, the defective portion shall be isolated and the remaining system shall be kept operational to the maximum extent possible.

4. Fire-Water Tanks

The contractor shall:

- Check availability of adequate water in the underground and terrace fire-water tanks.
- Check tank inlet, outlet, overflow, drain and associated valves.
- Check for leakage/seepage and report the same.
- Ensure that fire-water tanks are maintained in clean condition.
- Check water-level indicators and associated arrangements wherever provided.

5. Fire-Fighting Pumps

All fire pumps shall be checked periodically and maintained in proper working condition.

Maintenance shall include:

- Checking pump operation and performance.
- Checking pump glands/mechanical seals and attending leakage.
- Checking pump bearings, coupling and alignment.
- Checking foundation and vibration.
- Checking suction and delivery pressure.
- Checking pump valves and non-return valves.
- Cleaning and lubrication of moving parts wherever required.
- Checking automatic/manual operation.

Any defective pump shall be isolated safely and attended to immediately so that the system is restored to service in the shortest possible time.

6. Jockey Pump

The jockey pump shall be checked for automatic cut-in/cut-out operation and pressure maintenance.

The contractor shall ensure that the jockey pump does not remain continuously running due to leakage, faulty pressure switch or other defects.

7. Diesel Engine Driven Pump

Wherever diesel engine driven fire pump is provided, the contractor shall check:

- Engine starting system.
- Battery condition and voltage.
- Battery charger.
- Diesel level and availability.
- Engine oil level.
- Coolant level.
- Fuel system.
- Belts, hoses and radiator.
- Exhaust system.
- Automatic/manual starting arrangement.

The diesel engine shall be test-run periodically and the readings shall be recorded in the logbook.

8. Electrical Supply and Control Panel

The contractor shall check:

- Incoming power supply.
- Starter/control panel.
- Contactors, relays and protective devices.
- Auto/manual selector switches.
- Indicating lamps/meters.
- Fuses/MCBs/MCCBs wherever applicable.
- Cable terminations and connections.
- Pump auto-start arrangement.
- Interlocking and control circuits.

Any loose connection, overheating, abnormal sound or defective component shall be attended to immediately.

9. Downcomer/Wet Riser Piping

The complete piping system shall be inspected for:

- Leakage.
- Corrosion.
- Damage.
- Loose supports/clamps.
- Damaged pipe fittings.
- Condition of pipe joints.
- Proper accessibility of valves and landing valves.

Leakage shall be rectified immediately and the affected portion shall be restored to service.

10. Landing Valves

All landing valves shall be periodically checked for proper operation.

The contractor shall ensure that:

- Valves open and close freely.
- There is no leakage through the valve.
- Spindles and moving parts are properly lubricated.
- Caps/chains are available wherever applicable.
- Hose connection arrangements are in serviceable condition.

11. Fire Hoses, Branch Pipes and Hose Reels

All fire hoses, branch pipes/nozzles and hose reels shall be inspected for:

- Physical damage.
- Leakage.
- Cracks.
- Corrosion.
- Proper coupling.
- Free movement of hose reel.
- Proper nozzle operation.

Hoses shall be kept properly rolled and stored in the designated location.

12. Isolating Valves and NRVs

All isolating valves, non-return valves and other associated valves shall be operated periodically to ensure that they are not seized.

Valves shall be maintained in their designated normal operating position and shall be clearly identified.

13. Pressure Gauges

Pressure gauges provided in the system shall be inspected for:

- Physical damage.
- Leakage.
- Correct indication.
- Proper connection.

Defective gauges shall be reported to the Engineer-in-Charge and replaced with approval.

14. Automatic Operation Test

The contractor shall periodically verify the automatic operation of the fire-fighting system by operating/opening landing valves at different locations and checking the corresponding pump starting sequence.

Proper operation of jockey pump, main fire pump and diesel pump, as applicable, shall be verified and recorded.

15. Testing and Trial Run

Periodic trial operation of the complete system shall be carried out as directed by the Engineer-in-Charge.

During testing, the contractor shall record relevant parameters such as:

- Pump discharge pressure.
- Suction pressure, wherever applicable.
- Pump running condition.
- Voltage/current of electrical pumps.
- Diesel engine parameters.
- Automatic starting operation.
- Any abnormal noise/vibration/leakage.

16. Fire Drill

Fire-drill/testing of the fire-fighting installation shall be carried out at regular intervals as directed by the Engineer-in-Charge, without compromising the safety of the occupants or the building.

17. Routine Inspection

The contractor shall carry out regular inspection of the complete system and submit an inspection report indicating:

- Equipment checked.
- Defects observed.
- Defects rectified.
- Parts requiring replacement.
- Test results.
- Pump running hours.
- Any portion isolated from service.

18. Log Book

A fire-fighting system logbook shall be maintained at the site/pump room.

The logbook shall contain details of:

- Daily/periodic inspection.
- Pump test runs.
- Pressure readings.
- Diesel engine operation.

- Battery voltage.
- Defects noticed.
- Breakdown complaints.
- Repairs carried out.
- Replacement of parts.
- Fire-drill/testing records.

19. Breakdown Attendance

The contractor shall attend breakdown/emergency complaints immediately after receipt of information from the Engineer-in-Charge or authorised representative.

Any failure affecting the operational readiness of the fire-fighting system shall be given priority and rectified without delay.

20. Spares and Consumables

Minor consumables required for routine maintenance, such as gland packing, lubricants, nuts, bolts, washers, fuses, indicating lamps and similar minor items, shall be included in the quoted maintenance rate unless specifically excluded in the Schedule of Work.

Replacement of major components shall be carried out only with the approval of the Engineer-in-Charge and shall be paid separately where specifically provided in the agreement.

21. Safety

All maintenance and testing shall be carried out by trained personnel following applicable safety procedures.

The contractor shall ensure that no portion of the fire-fighting system is left isolated or non-functional without the knowledge and approval of the Engineer-in-Charge.

22. Availability of System

The contractor shall ensure that the fire-fighting installation remains operational and ready for use at all times during the contract period.

Any planned shutdown/isolation shall be carried out only with prior permission of the Engineer-in-Charge and the system shall be restored immediately after completion of the work.

23. Maintenance Frequency

Maintenance and testing shall be carried out at the frequency specified by CPWD/OEM/manufacture and as directed by the Engineer-in-Charge.

A suitable preventive maintenance schedule covering daily/weekly/monthly/quarterly/half-yearly activities shall be prepared by the contractor and submitted to the Engineer-in-Charge.

24. Qualified Personnel

The contractor shall deploy adequately trained and experienced personnel capable of maintaining fire-fighting pumps, wet-riser/downcomer piping, valves and associated electrical/control equipment.

25. Compliance with CPWD Specifications

The contractor shall comply with the maintenance and periodical testing requirements specified in the CPWD General Specifications for Electrical Works Part-V – Wet Riser & Sprinkler Systems and other applicable CPWD instructions issued from time to time.

**B.2.2 LIST OF PREFERRED MAKES OF MATERIAL
(IEI, Fans and Street Lighting)**

S.No	Product	Make
1.	Wires (PVC Insulated copper conductor cable FRLS – ISI marked)	RR Kabel/ Havells / Finolex/Polycab/
2.	PVC Conduits and accessories (ISI marked)	Precision/polycab/AKG/Finolex/Konseal/ BEC/Asian/Anchor panasonic
3.	Steel Conduit (ISI marked)	BEC/ AKG /Steel Kraft/ RMCON
4.	MCB DBs/ Industrial Socket outlets	Legrand/Siemens /Hager/ Schneider Electric/ L&K/ABB/Havells
5.	MCBs/RCCBs	Legrand/Siemens /Hager/ Schneider Electric/ L&K/ABB/Havells
6.	MCCBs	Legrand/Siemens / Hager/ Schneider Electric/ L&K/ABB/Havells
7.	Co-axial TV Cable	Havells/ Anchor/ Finolex/ L &K/ RR Kabel
8.	Telephone Cable	Havells/ Finolex/Anchor/ RR KABEL/Polycab
9.	Contactors/ Timers	Legrand / L&K/ Siemens/ Schneider Electric/C&S/Havells
10.	Cat-6/Cat-6E LAN cable	D-link/Finolex/ Molex/ Commscope/ Legrand
11.	Cable management system/ Mini trunking and accessories/ floor trunking/ race ways and accessories	Legrand/ MK Honeywell / Schneider Electric/ ABB
12.	Modular Switches / Sockets / TV Socket / Telephone sockets / Data sockets / Electronic Regulators etc.	Legrand (Myris)/ MK (Blenze)/Crabtree Thames/ GM/Kolors
13.	Ceiling rose-Buzzer	Antex/ Leader/ Emperor/ Anchor/Lisha
14.	PVC batten/ Angle Holders	Antex/ Leader/ Emperor/ Anchor/Lisha
15.	LT panels	CPRI Approved fabricator/manufacturer

16.	G.I. pipes (B Class)	TATA/ JINDAL (HISSAR)/ ZENITH
17.	DWC/HDPE Pipe (ISI Marked)	Supreme/ Tele Rex/ Ashirvad/ Duraline
18.	GM Valves (ISI marked)	Leader/ Zoloto/ Deepak
19.	Capacitor	L&K/ Schneider/ Legrand/ Epcos/ Siemens/Shreem/Keltron/Havells
20.	Current Transformers	Automatic Electric/ Kappa/ L&T/ Gilbert
21.	Instrument meters	Rishab / Automatic Electric /Prok Devices/ Konzerv/ Secure
22.	Selector Switches	Kaycee/ Salzer/ Siemens/ HPL/ BCH
23.	Indication lamps and push buttons	BCH/L&T/Telemecanique/Siemens/ Vaishnav/ Emco/ Kaypee
24.	1.1KV grade aluminium & copper conductor, XLPE insulated armoured UG Cables	Universal/ CCI/ Nicco/ Havells/ RPG/ RR Cable/Fortune Art/polycab
25.	Cable Glands	Dowells/ Jainsons/ Braco/ Comet
26.	20/25/40/63 A SPN/DP/TPN Power Unit	Legrand/ Shneider Electric/ Havells
27.	Luminaries	Philips/Crompton/Havells/Bajaj/Wipro
28.	Street Light poles	Philips/Crompton/Havells/Bajaj/Wipro
29.	Exhaust fan	Usha/ Crompton/ Almonard /Havells
30.	Ceiling fan (5 star rated)	Crompton greaves/ Havells / Orient/ Atomberg
31.	All-In-One Solar street light fittings	Wipro/Havells/Bajaj/Crompton
32.	Lightning Arrestor	KSEB approved makes
33.	All other items not covered above	As per approval of the Engineer-in-charge.

Note:-

1. Tenderers quoting for make & models other than above will be rejected.
2. The department, reserves the right to add or delete any materials and Brands in the list of approved materials/brands subject to the recovery of financial implications.
3. **LM79 and LM80 certificate shall be submitted along with LED fittings**

PART -C

SCHEDULE OF QUANTITIES