

# AI ENGINEERING SERVICES LIMITED

MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI – 400 029



**Tender No.: AIESL/BOM/MMD/EFD/1382**

**DATE: 28.04.2026**

**Subject: Tender for Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.**

NAME & ADDRESS OF THE AGENCY / CONTRACTOR

M/s.....

.....

.....

Phone: .....

Email:.....

## ABBREVIATIONS:

1	AIESL	AI ENGINEERING SERVICES LIMITED
2	PBG	PERFORMANCE BANK GUARANTEE
3	EMD	EARNEST MONEY DEPOSIT
4	LOA	LETTER OF AWARD
5	SD	SECURITY DEPOSIT

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DATE: 28.04.2026

## NOTICE INVITING TENDER (NIT)

**Subject: Tender for Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.**

- a) AI Engineering Services Limited (AIESL), Old Airport, Santacruz (E) invites on line bids through CPPP portal from authorized firms/contractors for Tender for Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.
- b) **Description:** Tender for Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.
- c) **Job/Work Location:**  
AIESL, Engineering premises, OAP, Santacruz (East), Mumbai-400029
- d) **The brief details of the tender are as under:**

AIESL Ref No.	AIESL/BOM/MMD/EFD/1382
NAME OF WORK	Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029
TENDER ISSUER	AI Engineering Services Limited (AIESL)
TENDER TYPE	Open Tender
TYPE OF BIDDING SYSTEM	Two Bid System
CONTRACT PERIOD	Two (02)Years
EARNEST MONEY DEPOSIT	<p>Rs. 1,90,000/- (Indian Rupees One Lakh Ninety Thousands only) must be submitted by means of Cheque/DD/NEFT in favour of AI ENGINEERING SERVICES LIMITED, Account No. – 00600310007523, IFSC Code – HDFC 0000060) payable at Mumbai. EMD will not carry any interest and will be adjusted against security deposit.</p> <p><b>In addition to existing specified form (i.e., Cheque/DD/NEFT) mentioned above for submission of EMD, the bidder can also submit the EMD through online AIESL Payment Gateway i.e <a href="https://forms.eduqfix.com/aiengineering/add">https://forms.eduqfix.com/aiengineering/add</a>.</b></p> <p><b>Note:</b> <b>(i) This is a Works Contract. Submission of EMD is mandatory to all MSE bidders excepts Startups/Govts/PSU's</b></p>
DATE OF ISSUE OF TENDER DOCUMENT	28.04.2026

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AVAILABILITY OF TENDER DOCUMENT	i AIESL's Tender Website <a href="https://www.aiesl.in/Tender.aspx">https://www.aiesl.in/Tender.aspx</a> ii Govt. e-Procurement System of National Informatics Center (NIC) <a href="https://etenders.gov.in/e procure/app">https://etenders.gov.in/e procure/app</a>
PRE-BID MEETING	06.05.2026 at 02:30PM to 03:30 PM Online via Google Meet Google Meet joining info Video call link: <a href="meet.google.com/pns-satr-omd">meet.google.com/pns-satr-omd</a>
LAST DATE FOR BID SUBMISSION	19.05.2026 till 15:00 Hrs
DATE OF OPENING OF BID	20.05.2026 at 15:00 Hrs
PLACE OF BID SUBMISSION AND OPENING OF BIDS	Online on CPPP Portal

## **1. DISCLAIMER**

- ✓ The information contained in this tender document or / and any information pertaining to the aforesaid subject matter provided subsequently to the applicants / bidders in any form by AIESL, shall be subject to the terms and conditions to which such information is provided contained herein and any other terms and conditions as may be prescribed by AIESL, prior to award of the Tender.
- ✓ The purpose of this tender document is to provide all bidders with the information that may be useful to them in the formulation of their proposals / bids in response to this tender document. The statements and facts contained herein, which reflect various assumptions and assessments arrived at by AIESL, do not purport to contain all / exhaustive information on the aforesaid subject matter that each applicant may require for the purposes of submitting their bids.
- ✓ The assumptions, assessments, statements and information contained in this tender document may not be complete, accurate, adequate or correct. Each bidder should, therefore, conduct its own due diligence, investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, and information contained in this tender document and shall obtain independent advice from appropriate sources at no cost to AIESL.
- ✓ The information provided in this tender document to the applicants is on a wide range of matters, some of which depend upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. AIESL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.
- ✓ AIESL also accepts no liability of any nature whether resulting from negligence or otherwise, however caused arising from reliance by any applicant/bidder upon the statements contained in this tender.
- ✓ AIESL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this tender document, from time to time till close date of tender.
- ✓ The tender document does not imply that AIESL is bound to select a bidder or to appoint the selected bidder, as the case may be, and AIESL, reserves the right to reject all or any of the proposals without assigning any reason whatsoever at any time. The bidder shall bear any and all its costs associated with or relating to the preparation & submission of its proposal / bids including but not limited to

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preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by AIESL or any other costs incurred in connection with or relating to its proposals. All such costs and expenses shall remain with the bidder and AIESL shall not be liable in any manner whatsoever for the same or any other costs or other expenses incurred by the bidder in preparation for submission of the proposal, regardless of the conduct or outcome of the bid selection process as contained herein.

- √ The bidder shall bear all its costs associated with or relating to the preparation & submission of its bids including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by AIESL, or any other costs incurred in connection with or relating to in bids. All such costs and expenses shall remain with the bidder and AIESL shall not be liable in any manner whatsoever for the same or any other costs or other expenses incurred by the bidder in preparation for submission of the bid, regardless of the conduct or outcome of the bid selection process as contained herein.

## **2. GENERAL TERMS AND CONDITIONS:**

- √ 'AIESL' as used in the Tender document means 'AI Engineering Services Limited'
- √ "Contract" means the agreement entered into between the Purchase and the Contractor, as recorded in the contract form signed by the parties including all annexure thereto and appendices therein.
- √ "Tenderer" or Seller" or "Bidder" means as used in the Tender document, is one who has submitted the quotation in response to our tender document. It also means the individual or firm or company, who are manufacturers and suppliers, on whom the order for work is placed and shall be deemed to include their approved successors, heirs, executors and administrators, holding company/Group/Group Companies, Conglomerate as the case may be.
- √ It is further clarified that any individual signing the tender or other documents in connection with the tender must certify whether he signs as:
  - i) A "Sole Proprietor" of the firm or constituted attorney of such sole proprietor.
  - ii) A partner of the firm if it is a partnership must have authority to refer to arbitration and disputes concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney. In the alternative, the tender should be signed by all the Partners.
  - iii) Constituted attorney of the firm, if it is a Company.
  - iv) Authorized signatory of the firm.

## **3. ONE BID PER BIDDER:**

A Bidder shall submit only 'one [01] Bid' in the same Bidding Process either as single entity. A Bidder who submits or participates in more than 'one [01] Bid' will cause all the proposals in which the Bidder has participated to be disqualified.

- √ A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices. The bidder found to have a conflict of interest shall be disqualified. A bidder shall be considered to have a conflict of interest with one or more bidders in this bidding process, if:
  - a) they have controlling partner (s) in common; or
  - b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
  - c) they have the same legal representative/authorized signatory/agent for purposes of this bid; or
  - d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
  - e) Bidder participates in more than one bid in bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved.

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However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid.

- f) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
- g) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. Bidders are required to submit a confirmation for no conflict of interest with other bidders. Failure to comply this clause during tendering process will disqualify all such bidders from process of evaluation of bids.

√ Alternative Bids shall not be considered.

√ Bidders are required to provide complete details of all Directors/Partners/Proprietors etc. including Father's name, Residential address, AADHAR, PAN Card details. & DIN Nos. and corresponding documents.

**In case of Partnership / LLP:** Bidder must submit copy of Partnership /LLP Deed.

**In case of Public / Limited Company:** Bidder must submit copy of Share Holding details of all shareholders.

√ It is the responsibility of the participating Bidder(s) to assess the relationship as mentioned above. In case any undertaking/declaration given by a Bidder(s) in this regard is found to be false, this would be a sufficient ground for rejection of Bid(s) /termination of contract and also initiation of further action as per Corrupt/Fraudulent/ Collusive / Coercive Practice.

#### **4. STANDARD TERMS & CONDITIONS:**

- √ AIESL reserves the right to close the tender / reject any / all offers at any stage of tender at its sole discretion.
- √ AIESL reserves the right not to consider the bid of any Bidder, blacklist the Bidder for 3 (three) years, if it is determined / noticed at any stage during the tendering process or after release of Contract that the said Bidder has directly or indirectly engaged in any misrepresentation, corrupt, fraudulent, collusive, coercive practice in order to bid / obtain the Contract. This will also have an impact on other Contracts / POs, the Bidder may have with AIESL where AIESL reserves the right to take appropriate action as deemed fit.
- √ AIESL reserves the right to reject / not consider at its sole discretion the bids of such bidders who have been involved in any litigation with AIESL in the last 3 years and / or are at present involved in any ongoing litigation or arbitration proceedings against AIESL. Further, those bidders who have records of poor performance during the last 3 (three) years, as on the date of submission of the bid, such as abandoning the work, rescinding of the contract for which the reasons are attributable to the non-performance of the Bidder or its constituents, inordinate delays in completion and/or have a consistent history of litigation / arbitration awarded against the Bidder or any of its constituents or financial failure due to bankruptcy etc. are liable to be disqualified.
- √ AIESL reserves the right to reject / not consider at its sole discretion the bids of such bidders have been blacklisted / debarred by any PSU, government bodies in India.
- √ Bidders are required to declare if they have any ongoing legal disputes with any government agencies such as Income Tax, EOW etc. Suppression / Misrepresentation of such facts whenever it comes to light would invite disqualification and AIESL reserves the right to take appropriate action as deemed fit including discontinuing business dealings with the party.

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- √ Bidder should well award the site conditions before quoting the bid. AIESL shall not be responsible for any mistake commit by the bidder while quoting the tender.

## **5. SPECIAL CONDITIONS:**

- √ The location of work is Hangar/Apron areas, at Old Airport. The area is highly security sensitive and contractor will be required to obtain entry pass from our Security dept.
- √ A qualified and responsible supervisor will always remain present at site, when the work is being carried out. He will ensure compliance of standard safety precautions and use of safety equipment.
- √ Equipment which are in fit to use and serviceable condition only shall be provided to AIESL. It will be the contractor's soul responsibility to attend break down of equipment, if any, during the operation.
- √ Safety of the contractor's personnel / equipment shall be responsibility of the contractor.

## **6. TENDER PROCEDURE:**

- √ This tender is strictly a **Two Bid Tender** i.e., Technical Bid and Price Bid. **Both the bids are to be submitted through CPP portal. No other mode of submission will be acceptable.**
- √ The close / due date for submission of bids may be extended at any time, including after the scheduled date of closing, at the sole discretion of AIESL.
- √ Amendments or extension of the close / due date, if any, to this tender will be informed via CPPP portal.
- √ In their own interest, bidders are advised to submit bids, well before the close date / time of tender in order to avoid any last moment glitches. AIESL may not entertain any request for extension of close date and time and reserves the right to accept or reject any such request at its sole discretion.

## **7. For any clarification, please contact the following official:**

### **For Technical Query:**

#### **For Electrical works:**

Mr. D V Maid , DGM- SS, Email: [dv.maid@aiesl.in](mailto:dv.maid@aiesl.in)

Mr. G S Shinde, Engineer-SS, Email: [gs.shinde@aiesl.in](mailto:gs.shinde@aiesl.in)

### **For Commercial Query:**

Mr. Sunil Shende, DGM-MM, Email: [sunil.shende@aiesl.in](mailto:sunil.shende@aiesl.in)

Mr. Bhavesh Damania, Executive-MM, Email: [Bhavesh.damania@aiesl.in](mailto:Bhavesh.damania@aiesl.in), Mobile:8169152668

Mr. Lalit Adhav , Executive-MM, Email: [lalit.adhav@aiesl.in](mailto:lalit.adhav@aiesl.in), Mobile: 8698832114

## **8. AIESL 'S RIGHT TO EVALUATE ELIGIBILITY:**

AIESL reserves the right to require a bidder to submit documentary evidence, in the form and manner that AIESL deems appropriate, to prove that it continues to satisfy the Eligibility Criteria at any time:

- a. after the last date of bid submission; or

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- b. prior to or after the issuance of the LOI or execution of the work Contract, if such a Bidder is selected as the Successful Bidder
- AIESL reserves the right to verify all statements, information and documents submitted by Bidders in response to the Tender Document. Any such verification or lack thereof by AIESL will neither relieve the Bidders of their obligations or liabilities nor affect any rights of AIESL under this Tender Document.
- If AIESL is of the opinion that the Bidder does not satisfy the eligibility criteria, then AIESL shall have the right to:
  - a. disqualify the Bidder and reject its Bid; or
  - b. revoke the LOI or terminate the work Contract after acceptance of its Bid by issuing a written notice to the Bidder.
- AIESL's determination of a Bidder's eligibility shall be final and binding. AIESL shall not be liable, in any manner whatsoever, to the Bidder for a rejection of its Bid, the revocation of the Letter of Award (LOA) issued to it or the termination of the work Contract executed with it. Furthermore, any losses suffered by AIESL as a result of such rejection, revocation, or termination, including but not limited to opportunity costs incurred by AIESL, shall be borne solely by the Bidder.

## **9. HANDLING OF GRIEVANCES DURING THE TENDER PROCESS:**

Any Supplier, Service Provider/ Contractor or consultant that claims to have suffered or is likely to suffer loss or injury as a result of a decision/action/omission of the Procurement Entity may make an application for its review within a period of Five (5) days to Dy. GM-PPMM in the email id- [sd.shende@aiesl.in](mailto:sd.shende@aiesl.in). Successful bidders may seek de-briefing regarding the rejection of their bid, in writing or electronically, within Five (5) days of the declaration of techno-commercial or financial evaluation result.

- ✓ Only directly affected and participating bidders can raise a grievance.
- ✓ Grievances can be raised only for the stage in which the bidder is eligible.
- ✓ **After Pre-qualification:** Only pre-qualified bidders may raise issue about technical/financial bids.
- ✓ **After technical evaluation:** Only technically qualified bidders may raise issues about financial bids.

## **10. PRE-BID MEETING:**

- AIESL shall organize an online Pre-Bid meeting with all interested Bidders before the last date of bid submission to provide an understanding of the Bidding Process, the Services, the terms of the work Contract and the services to be provided by the Insurer and to understand any queries, issues or suggestions that the Bidders may put forward.
- The Pre-Bid Meeting will be convened on the date and time specified in the bid document if applicable.
- A Bidder may nominate up to max. two representatives to participate in a Pre-Bid Meeting, provided that the Bidder has notified AIESL of its representatives along with its authority letter to AIESL at least two days prior to the Pre-Bid Meeting.
- Without prejudice to the foregoing Clauses, the Bidders will be free to seek clarifications and make suggestions for consideration of AIESL in the course of the Pre-Bid Meeting.
- AIESL shall endeavour to provide text of the questions raised and the responses, along with the minutes of the Pre-Bid Meeting and such further information as it may, in its sole discretion, consider appropriate for facilitating a fair, transparent and competitive Bidding Process, within the date specified in the Bid document.

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- Any oral clarification or information provided by or on behalf of AIESL at the Pre-Bid Meeting will not have the effect of modifying the Tender Document in any manner, unless AIESL issues an Addendum for the same or AIESL issues written interpretations and clarifications. All such Addendum will be published on CPPP Portal.
- The bidder or their authorized representatives (maximum two) would only be permitted to attend the pre-bid meeting, if any.

## **11. AMENDMENTS TO THE TENDER DOCUMENTS:**

Issuance of Addenda:

- Up to & until the date that is specified in the bid document, AIESL may, for any reason, whether at its own initiative or in response to a query raised or clarification requested by Bidder(s) at the Pre-Bid Meeting, amend the Tender Document by issuing an addendum.
- The Bidders are required to read the Tender Document with any Addenda that may be issued.
- Each Addendum shall be binding on the Bidders, whether or not the Bidders convey their acceptance of the Addendum.
- Any oral statement made by AIESL or its advisors regarding the Bidding Process, the Tender Document or the Services or on any other matter related to the Scheme, shall not be considered as amending the Tender Document.

## **12. AVAILABILITY OF INFORMATION:**

- The information relating to or in connection with the works, the Bidding Process and the Tender Document, including all notices issued by AIESL to all Bidders in accordance with this Tender Document; queries and responses or clarifications; minutes of the Pre-Bid Meeting, addenda and/ or the revised Tender Documents shall be uploaded on the CPP portal and the website specified in the “**Summary of the Tender**” and remain published until the last date of bid submission.
- If, at any time prior to the last date of bid submission, a Bidder faces any technical issue or technical error in accessing the CPP portal specified in the “**Summary of the Tender**”, AIESL shall not be responsible and the responsibility to bid on the CPP portal in time shall be the responsibility of the bidder(s).

## **13. CORRESPONDENCE WITH BIDDERS:**

- Save as expressly provided in these Tender Documents, AIESL will not entertain any correspondence with the Bidders, whether in connection with the acceptance or rejection of their Bids or otherwise.

## **14. LANGUAGE OF THE BID:**

- The Bid prepared by the Bidder and all correspondence and documents related to the Bid exchanged between the Bidder and AIESL shall be **only in the English language**.
- Any printed literature/ document furnished by the Bidder, if asked for by AIESL as a part of the bid submission documents, may be written in another language, as long as such literature is accompanied by a translation of its pertinent passages in English in which case, for the purposes of interpretation of the Bid, the English translation shall prevail. In all such cases, the translated literature/ document shall be duly notarized by a public notary. Supporting materials which are not translated into English may not be considered by AIESL during the bid evaluation.

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## **15. DUE DILIGENCE BY THE BIDDER:**

- The Bidder is expected to examine all instructions, forms, terms, specifications and other information in the Tender Documents at its own cost.
- AIESL shall not be liable to the Bidder for any consequences pursuant to the Bidder's failure to undertake its own due diligence and reliance solely on the information provided in this Tender Document.
- It shall be deemed that by submitting a Bid, the Bidder has:
  - ✓ made a complete, independent and careful examination of the Tender Document and unconditionally and irrevocably accepted the terms thereof;
  - ✓ made careful examination and research of all required information, inputs, conditions, circumstances and factors that may have any effect on its Bid;
  - ✓ received and reviewed all relevant information provided by AIESL, as may be relevant to the Bid;
  - ✓ evaluated and accepted all the risks, contingencies and other circumstances which may influence or affect the operations under the Tender and agreement;
  - ✓ accepted the risk of inadequacy, error or mistake in the information provided in the Tender Document or furnished by or on behalf of AIESL relating to any of the matters related to the Bidding Process or scope of services;
  - ✓ satisfied itself about all matters regarding the Bidding Process and the scope of services, required for submitting an informed Bid, in accordance with this Tender Document and performance of all of its obligations;
  - ✓ acknowledged and agreed that inadequacy, lack of completeness or incorrectness of information provided in the Tender Document or ignorance of any of the matters related to the Bidding Process or the scope of services shall not be a basis for any claim for compensation, damages, extension of time for performance of its obligations, loss of profits etc. from AIESL or a ground for termination of the Agreement by the Successful Bidder; and
  - ✓ agreed to be bound by the undertakings provided by it under and in terms hereof.

## **16. SIGNING OF THE BID:**

Each Bid including all its pages must be typed or written in indelible ink and should be physically signed by the authorized signatory of the Bidder.

## **17. EARNEST MONEY DEPOSIT:**

Rs. 1,90,000/- (Indian Rupees One Lakh Ninety Thousands only) must be submitted by means of Cheque/DD/NEFT in favour of AI ENGINEERING SERVICES LIMITED, Account No. – 00600310007523, IFSC Code – HDFC 0000060) payable at Mumbai. EMD will not carry any interest and will be adjusted against security

**EMD must be submitted by means of Cheque/DD/NEFT/Bank Guarantee in favour of AI ENGINEERING SERVICES LIMITED, Account No. – 00600310007523, IFSC Code – HDFC 0000060) payable at Mumbai.**

**In addition to existing specified form (i.e., Cheque/DD/NEFT) mentioned above for submission of EMD, the bidder can also submit the EMD through online AIESL Payment Gateway i.e <https://forms.eduqfix.com/aiengineering/add>**

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## Note:

- 1) This is a Works Contract. Submission of EMD is mandatory to all MSE bidders excepts Startups/Govts/PSU's.
- 2) Bid must be accompanied with earnest money deposit (i.e Earnest Money Deposit (EMD) also known as Bid Security) in the form of 'Demand Draft' / 'Banker's Cheque/ Online banking transaction / Insurance Surety Bond' / 'Fixed Deposit Receipt' [in favour of AI Engineering Services Limited payable at Mumbai] or 'Bank Guarantee'. Bidder shall ensure that EMD submitted in the form of 'Bank Guarantee' should have a validity of at least 'two [02] months' beyond the validity of the Bid. EMD submitted in the form of 'Demand Draft' or 'Banker's Cheque' should be valid for three months.
- 3) Bid not accompanied with EMD, or EMD not in requisite format shall be liable for rejection. The EMD shall be submitted in Indian Rupees only.
- 4) Unsuccessful Bidder's EMD will be discharged/ returned as promptly as possible, but not later than 'thirty [30] days' after finalization of tendering process.
- 5) AIESL shall not be liable to pay any documentation charges, Bank charges, commission, interest etc. on the amount of EMD. In case EMD is in the form of a 'Bank Guarantee', the same shall be from any Indian scheduled Bank (excluding Co-operative banks and Regional Rural bank) or a branch of an International Bank situated in India and registered with 'Reserve Bank of India' as Scheduled Foreign Bank. However, in case of 'Bank Guarantee' from Banks other than the Nationalized Indian Banks, the Bank must be commercial Bank having net worth in excess of Rs. 100 Crores [Rupees One Hundred Crores] and a declaration to this effect should be made by such commercial Bank either in the 'Bank Guarantee' itself or separately on its letterhead. Purchaser will verify the BG from issuing bank.
- 6) The successful Bidder's EMD will be discharged upon the Bidder's acknowledging the 'Award' and signing the 'Agreement' and furnishing the 'Security Deposit.
- 7) Notwithstanding anything contained herein, the EMD may also be forfeited in any of the following cases:
  - (a) If a Bidder withdraws his Bid during the 'Bid Validity Period'
  - (b) If a Bidder has indulged in corrupt/fraudulent /collusive/coercive practice
  - (c) If the Bidder modifies Bid during the period of bid validity (after Due Date and Time for Bid Submission).
  - (d) Violates any other condition, mentioned elsewhere in the Tender Document, which may lead to forfeiture of EMD.
  - (e) In the case of a successful Bidder, if the Bidder fails to:
    - (i) acknowledge receipt of the "Notification of Award" / Fax of Acceptance [FOA]",
    - (ii) furnish "Security Deposit".
- 8) In case EMD is in the form of 'Bank Guarantee', the same must indicate the Tender Document No. and the name of Tender Document for which the Bidder is quoting. This is essential to have proper correlation at a later date.

## **18. EXEMPTION OF EMD:**

**The following bidders are only eligible for exemption on EMD. The bidders seeking EMD exemption must submit the following valid supporting documents for the relevant category with the Bid:**

# AI ENGINEERING SERVICES LIMITED

MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI – 400 029



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- Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), holding valid Startup Recognition Certificate which is to be uploaded while bidding and claiming EMD exemption.
- Central / State PSUs.

## **19. SUBMISSION OF BIDS:**

### **Technical Bid:**

- ✓ Bidders are advised to study carefully the Terms & Conditions as given in this tender document and submit their **technical bid** accordingly.
- ✓ Bidders are required to download all the documents. Wherever applicable the documents are to be duly filled-in with the required details. The filled-in documents along with supporting documents, if any, need
- ✓ to be uploaded on **CPPP portal** for technical evaluation purpose. **Uploading of required Documents is mandatory. The documents should not mention any rates / prices. else bidder will be disqualified during technical evaluation.**
- ✓ Bidders are **required to give their acceptance of the terms and conditions as per Documents.** Any deviation from the terms and conditions must be clearly spelt out in the Technical Bid.
- ✓ Any other deviation in the specifications or tender's terms and conditions must be communicated to the concerned buyer / user for acceptance of the same, prior to submission of the bid depending on the merit of the case. AIESL reserves the right to accept or reject the deviation. In case, the deviation is accepted,
- ✓ the tender document will be amended accordingly. The bidder should submit their bid in line with the tender document only or else the same would be liable for rejection.
- ✓ AIESL reserves the right to change this date of opening at its own discretion.
- ✓ **All the supporting documents, as specified in the tender documents that are required** for compliance of bid must be submitted with the technical bid.
- ✓ AIESL reserves the right to call for the original copies of the attached / submitted documents in the technical bid for verification purpose during the evaluation stage. The Technical Bids would be evaluated for compliance in accordance with the tender document. The User Department of AIESL reserves the right at its sole discretion to seek clarification for shortcomings in information/documents from the bidders as deemed necessary for the purpose of evaluation of the bids.

### **Price Bid:**

- ✓ Bidders are required to **quote for the entire tendered quantity.**
- ✓ AIESL will not accept inclusion of any additional costs, if requested for, after closing of the tender.
- ✓ Submission of incorrect or incomplete information or with arithmetical errors in compilation of the data would be at the bidder's sole risk. The decision of AIESL in such cases would be final and binding.

## **20. VALIDITY OF QUOTATION, PRICES, GOVT. TAXES / GST:**

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- ✓ The bid should be valid for a period of 120 days from the opening of the bid.
- ✓ The price offered / agreed should remain firm till completion of the contract.
- ✓ No request for increase in price shall be entertained during this period except on account of increase in GST or any other Government levy, if imposed by the Govt. of India. Proof of payment for such increase is to be submitted to AIESL by the successful Bidder.
- ✓ The Bidders should commit to pass on the benefit to AIESL of reduction in statutory taxes, etc. by the Government, during the period of validity of the Contract.
- ✓ During the contract period, if for any reason there is a downward revision in prices, the successful bidder will be responsible for passing on the benefits to AIESL.
- ✓ Increase in Govt. Taxes / GST etc. or any new levies, if imposed by the Govt. of India / State Govt. / Local Bodies, during the contract period will be borne by AIESL, if requested for, by the Successful Bidder/s. However, such request will be considered only if it is substantiated with copies of valid documentary proof of the same and **only if the bidder/s has quoted their rate giving the break-up of Govt. Taxes / GST in their price bid.**

## **21. ZERO DEVIATION AND REJECTION CRITERIA:**

Bidder is requested not to take any deviation(s)/exception(s) to the terms & conditions of Tender Document, and submit all requisite documents as mentioned in this Tender Document, failing which their Bid will be liable for rejection. If a Bidder does not reply to the queries in the permitted time frame, then its Bid shall be evaluated based on the documents available in the Bid.

As a principle, clarifications from bidders after opening of tenders will not be sought. However, where clarifications / documents from the bidders on important aspects are absolutely necessary for finalization of tender, clarifications from bidder can be asked. The request for clarification shall be given in email/portal, asking the bidder to respond by a specified date, and also mentioning therein that, if the bidder does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid including specifications, shall be offered or permitted.

No post-bid clarification at the initiative of the bidder shall be entertained. The shortfall information/ documents should be sought only in case of historical documents which pre-existed bids and which have not undergone change since then.

**REJECTION CRITERIA:** Notwithstanding the above, deviation to the following clauses of Tender document shall lead to summarily rejection of Bid:

- (a) Firm Price
- (b) Earnest Money Deposit / Bid Security / Bid Security declaration, as applicable
- (c) Documents as specified in Pre-Qualification Criteria (PQC).
- (d) Specification & Scope of Work
- (e) Schedule of Rates / Price Schedule / Price Basis
- (f) Duration / Period of Contract/ Completion schedule
- (g) Period of Validity of Bid
- (h) Security Deposit
- (i) Guarantee / Defect Liability Period
- (j) Arbitration / Resolution of Dispute/Jurisdiction of Court
- (k) Force Majeure & Applicable Laws

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(l) Any other condition specifically mentioned in the tender document elsewhere that non-compliance of the clause lead to rejection of bid.

**Note: Further, it is once again reminded not to mention any condition in the Bid which is contradictory to the terms and conditions of Tender document.**

## **22. MODIFICATION AND WITHDRAWAL OF BIDS:**

- The bidder may withdraw or modify its bid after bid submission but before the due date and time for submission as per tender document.
- No bid shall be modified/ withdrawn after the Due Date & Time for Bid submission.
- Any withdrawal/ modification/substitution of Bid in the interval between the Due Date & Time for Bid submission and the expiration of the period of bid validity specified by the Bidder in their Bid shall result in the Bidder's forfeiture of EMD / invocation of action as per Bid Security declaration and rejection of Bid.
- The latest Bid submitted by the Bidder before Bid Due Date & Time shall be considered for evaluation and all other Bid(s) shall be considered to be unconditionally withdrawn.

## **23. EMPLOYER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:**

- AIESL reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligations to inform the affected Bidder or Bidders of the ground for AIESL's action.
- Further, following decisions of AIESL shall not be subject to review:
  - a) Determination of the need for procurement.
  - b) Selection of the mode of procurement or bidding system.
  - c) Choice of selection procedure.
  - d) Provisions limiting participation of bidders in the procurement process.
  - e) The decision to enter into negotiations with the L1 bidder.
  - f) Cancellation of the procurement process except where it is intended to subsequently re-tender the same requirements.
  - g) Issues related to ambiguity in contract terms may not be taken up after a contract has been signed, all such issues should be highlighted before consummation of the contract by the vendor/ contractor; and
  - h) Complaints against specifications except under the premise that they are either vague or too specific so as to limit competition may be permissible.

## **24. CONFIDENTIALITY:**

- Information relating to the examination, clarification, evaluation and comparison of Bids, and recommendations for the award of a Contract, shall not be disclosed to Bidder(s) or any other persons not officially concerned with such a process until the award to the successful bidder.
- Any effort by the Bidder to influence AIESL in the 'Bid Evaluation', 'Bid Comparison', or 'Contract Award' decisions may result in the rejection of the Bidder's Bid and action shall be initiated as per procedure for action in case Corrupt / Fraudulent / Collusive / Coercive practices in this regard apart from forfeiture of EMD/ Bid Security, if any.

## **25. BENEFITS / PREFERENCE FOR MICRO & SMALL ENTERPRISES (MSES):**

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Not Applicable.

**26. BENEFITS / PREFERENCE FOR MII'S:** Applicable as per PPP-MII policy.

**27. BID VALIDITY:**

- Bids shall be kept valid for period specified in CPPP Portal from the final Due date of submission of bid'. A Bid valid for a shorter period may be rejected by AIESL as 'non-responsive'.
- In exceptional circumstances, prior to expiry of the original 'Bid Validity Period', the Employer may request the Bidders to extend the 'Period of Bid Validity' for a specified additional period on CPPP portal. The request and the responses thereto shall also be made in writing or by email (outside GeM, if required). After opening of price bids in CPPP Portal, the extension (outside CPPP, if any) will be regularized through CPPP with L-1 bidder. Bidder may refuse the request without forfeiture of his EMD/Bid Security.
- A Bidder agreeing to the request will not be required or permitted to modify his Bid but will be required to extend the validity of its EMD for the period of the extension in all respects.

**28. SECURITY DEPOSIT / PERFORMANCE BANK GUARANTEE:**

- ✓ The Bidder/s who qualifies for award of Contract will have to deposit with AIESL 10 % (Ten percent) of the total value of the Contract, as Security Deposit (SD) within 5 days of notification of notification of acceptance of bid and communication of contract. This SD will be free of interest. In case, the SD is not deposited in time, the bills shall not be processed for payment till the SD is paid.
- ✓ The Applicable Security Deposit / Performance Bank Guarantee must be submitted by means of Cheque/DD/NEFT in favour of AI ENGINEERING SERVICES LIMITED, Account No. – 00600310007523, IFSC Code – HDFC 0000060), payable at MUMBAI.
- ✓ **In addition to existing specified form (i.e. Cheque/DD/NEFT) mentioned in tender documents for submission of Security Deposit/ Performance Bank Guarantee, the successful bidder can also submit the Security Deposit/ Performance Bank Guarantee through online AIESL Payment Gateway i.e <https://forms.eduqfix.com/aiengineering/add>**
- ✓ The SD is applicable to all bidders including MSME's.
- ✓ In case of submission of Security Deposit/Performance guarantee is to be paid by way of Account Payee Demand Draft, banker's Cheque, ECS, Bank Guarantee issued from any Commercial Bank, Fixed Deposit Receipt from any Commercial Bank for an equivalent amount in favour of AI Engineering Services Limited and payable at Mumbai.
- ✓ It may please be noted that the original BG has to be forwarded by the Bank directly to AIESL through registered AD as per the detailed procedure which will be advised to the successful bidder. The expenses incurred towards submission of Security Deposit / Bank Guarantee will have to be borne by the successful bidder/s.
- ✓ In case of breach of Contract or violation of any terms of the Contract the Security Deposit shall be forfeited / bank guarantee be invoked.
- ✓ The Security Deposit / Bank Guarantee will be refunded / returned without interest within 60 days of successful completion of services against the Contract after adjusting for penalties, if any, that may be imposed under the terms of the Contract.

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- Validity of the BG would be for an additional period of 60 days after the scheduled completion of all obligations under the Contract.

**29. PROVISIONS FOR STARTUPS (AS DEFINED IN GAZETTE NOTIFICATION NO. DL-33004/99 DATED 18.02.2016 AND 23.05.2017 OF MINISTRY OF COMMERCE AND INDUSTRY AND AS AMENDED FROM TIME TO TIME):**

Not Applicable.

**30. EVALUATION CRITERIA:**

Evaluation of the Price Bids shall be carried out on schedule wise L1 basis. i.e individual L1 will be evaluated for each individual schedule mentioned in BOQ excluding GST. Based on the evaluation of techno-commercially qualified bidders, the contract will be awarded to the individual L-1 bidder.

In case of a tie at the lowest bid (L1) position between two or more bidders, the order will be placed on the bidder who have highest turnover.

Purchase preference Class-I local supplier will be given as per PPP-MII Policy.

√ **Technical Bids:**

- √ The Technical Bids would be first evaluated for compliance. AIESL reserves the right at its sole discretion to seek whatever information, documents etc. from the bidder as it may consider necessary for the purpose of evaluation of the bids.

√ **Price Bids:**

- √ The Price Bids of only those bidders who qualify as per the requirements of Technical Bid would be opened.

**31. OTHER TERMS & CONDITIONS:**

√ **Force Majeure:**

- √ The Bidder / Successful Bidder /AIESL (herein referred to as Party / Parties) shall not be liable for, nor be in default by reason of any failure or delay in discharge of its obligations under this Tender / Contract, where such failure or delay is caused by any act, including but not limited to any act of God, action or inaction of government authorities, fire, flood, gales, storm, lightning, earthquake, explosions or other catastrophes, accidents, weather, power failure or shortage of power, riot, war (declared or undeclared), warlike operations, act of terrorism, boycott, embargo, rebellions, sabotage, epidemics, quarantines, lock out, restrictions on travel based on travel advisories of any governmental entity, unavailability of the usual means of transportation, hostilities, revolution, civil commotion or public disorder or any other cause beyond its control.
- √ The Party encountering and affected by such causes and event shall inform the other in writing immediately of such an occurrence event and shall use its best reasonable efforts to minimize the economic and other effects and rectify as soon as possible any harm or delay created thereby shall reasonably allocate its available resources, giving priority to their obligations under this Contract.
- √ For the avoidance of any doubt, it is clarified that, payment obligations of AIESL shall be excused due to an event of Force Majeure.

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- ✓ **Interpretation:** In the event of any difference in the interpretation of any of the clauses of the Contract / Purchase Order / Agreement and / or the Tender documents, the clarification given by **Chief Procurement Officer (CPO)**, AIESL shall be final and binding.
- ✓ **Arbitration:** Any dispute arising between the parties in respect of the construction, interpretation, application, meaning, scope, operation or effect of this document or the validity or breach thereof, shall first be resolved amicably by mutual consultation. If an amicable settlement is not forthcoming and dispute is not resolved within 21(Twenty-One) days, from the date when mutual consultation started, recourse may be taken to settlement of disputes through arbitration as per the Arbitration and Conciliation Act 1996, and the award made in pursuance thereof shall be binding on the parties.

**32. JURISDICTION:** -The court of Mumbai only will have jurisdiction to deal with and decide upon any legal dispute what so ever arising out of this tender.

**33. ERRANT BIDDERS:**

In case after price bid opening the lowest evaluated bidder (L1) is not awarded the job for any mistake committed by them in bidding or withdrawal of bid or varying any term in regard thereof leading to re-Tendering, AIESL shall forfeit Earnest Money paid by the bidder and such bidders shall be debarred from participation in re Tendering of the same job(s) as well as against any Tender inquiry for any service sought by AIESL or its subsidiaries at all locations.

**34. FRAUDULENT PRACTICES:**

AIESL requires that bidders/contractors observe the highest standard of ethics during the bid and execution of contracts. In pursuance of this AIESL defines, for the purposes of this provision, the terms set forth below as follows

a. **“Corrupt practice”** means

1) offering, giving, receiving or soliciting directly or indirectly of anything of value to influence the actions of any person connected with the Bidding Process or

2) save and except as permitted engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOI or after the execution of the Agreement/Work Order as the case may be any person in respect of any matter relating to the Project or the LOI or the Agreement/Work Order who at any time has been or is a legal, financial or technical advisor of the Company in relation to any matter

concerning the Contract of anything of value to influence the action of a public official in the procurement process or contract execution;

b. **“Fraudulent practice”** means a misrepresentation/board of directors is the same/omission/suppression/disclosure of incomplete facts in order to influence the tendering process. Forging in order to influence a procurement process or the execution of a contract to the detriment of the AIESL, and includes collusive practice among bidders (before or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the AIESL of the benefits of free, fair and open competition.

c. **“Coercive Practice”** means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the tendering process.

d. **“Undesirable Practice”** means 1) establishing contact with any person connected with or employed or engaged by the Company with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the tendering process or 2) having a conflict of interest and

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- e. **“Restrictive practice”** means forming a cartel or arriving at any understanding or arrangement among bidders/prospective Service Providers to restrict or manipulate a full and fair competition in the Tendering Process.
- f. AIESL shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- g. AIESL shall declare a firm ineligible and put on holiday, either indefinitely or for a stated period if it at any time it is determined that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a contract.
- h. AIESL shall rescind the contract forthwith, in case of successful bidder adopting fraudulent/forgery/corrupt practices during the currency of the contract.

## **35. BLACKLISTING CONDITIONS:**

The party/ board of director (whose name is common) shall be blacklisted from participating in any Tenders floated by AIESL for the next six years, in case the Tenderer:

- a) Adopts fraudulent practices as cited above.
- b) Withdraws after award of the LOI/Work Order and fails to commence within the specified stipulated period and perform the contractual obligations during the currency of the contract.
- c) Negative feedback from AI Asset Holding and its subsidiaries.

## **36. ASSIGNMENT/SUBLET:**

Procurement of material, hire of equipment or engagement of labour will not mean sub-contracting. Sub-contracting by the contractor without the approval of AIESL shall be a breach of contract, unless explicitly permitted in the contract.

**Date:**  
**Place:**

**Bidder Signature:**  
**Name & Designation:**  
**Company Name & Seal**

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**Annexure-I**

**FORMAT OF BID SECURITY DECLARATION FROM BIDDERS IN LIEU OF EMD**

(On Bidder's Letter Head)

I / We, the authorized signatory of M/s....., participating in the subject tender No. .... for the item / job of....., do hereby declare the following:

1. That I / we have availed the benefit of waiver of EMD while submitting our offer against the subject Tender and no EMD being deposited for the said tender.
2. That in the event we withdraw / modify our bid during the period of validity Or I/we fail to execute formal contract agreement within the given timeline OR I/we fail to submit a Performance Security within the given timeline Or I/we commit any breach of Tender Conditions / Contract which attracts penal action of forfeiture of EMD and I/we will be suspended from being eligible for bidding / award of all future contract(s) of AI Engineering Services Limited for minimum period of One year from the date of committing such breach.

Signature and Seal of Authorized Signatory of bidder

Name of Authorized Signatory.....

Bidding Organization Name .....

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**Annexure-II**

**SELF CERTIFICATION BY BIDDER WHO CLASS-I LOCAL SUPPLIER/ CLASS-II LOCAL SUPPLIER TOWARDS MANDATORY MINIMUM LOCAL CONTENT/ DOMESTIC VALUE ADDITION (APPLICABLE FOR ALL BIDDERS INCLUDING MSEs)**

To,  
AI ENGINEERING SERVICES LIMITED  
MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT PREMISES, SANTACRUZ (EAST)  
MUMBAI-400029

SUB.:

TENDER NO.:

Dear Sir

We, M/s \_\_\_\_\_ (Name of Bidder) confirm that as per the definition of policy we are:

Class-I Local supplier

Class-II Local Supplier

(Bidder is to tick appropriate option (✓) above).

It is further confirm that M/s \_\_\_\_\_ (Name of Bidder) meet the mandatory minimum Local content/Domestic Value Addition requirement for Class-I Local supplier/ Class-II Local supplier (as the case may be) under Public Procurement (Preference to Make in India), Order 2017 (PPP-MII) and has value addition of .....%.

The details of the location (s) at which the local value addition is made is as under:

.....

We further confirm that in case we fail to meet the minimum local content/domestic value addition, the same shall be treated false information and AIESL will take action as per provision of tender document.

Signature and Seal of Authorized Signatory of bidder

Name of Authorized Signatory.....

Bidding Organization Name .....

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Annexure-III

## UNDERTAKING ON LETTERHEAD

To,  
AI ENGINEERING SERVICES LIMITED  
MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT PREMISES, SANTACRUZ (EAST)  
MUMBAI-400029

SUB.:

TENDER NO.:

REF: OM No. 7/10/2021-PPD (1) dated 23.02.2023 of Dept. of Expenditure, Ministry of Finance, Government of India  
(<https://doe.gov.in/procurement-policy-division>)

Dear Sir We, M/s \_\_\_\_\_ (Name of Bidder), have read the clause regarding restrictions on Procurement from a Bidder of a country which shares a land border with India as mentioned in the tender document in line with the above referred guidelines dated 23.02.2023 for Procurement from a bidder which shares a land border with India and We certify that

- (i) Not from such a country [ ]
- (ii) If from such a country, has been registered [ ]  
with the Competent Authority.

(Evidence of valid registration by the Competent Authority shall be attached) (Bidder is to tick appropriate option (✓) above).

We hereby certify that bidder M/s \_\_\_\_\_ (Name of Bidder) fulfils all requirements in this regard and is eligible to be considered against the tender.

Signature and Seal of Authorized Signatory of bidder  
Name of Authorized Signatory.....  
Bidding Organization Name .....

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## PRE-QUALIFICATION CRITERIA - COMPLIANCE STATEMENT

Bidders who fulfil the following eligibility criteria, requirements, and submit documentary proof thereof along with the Technical Bid, will only be eligible for evaluation of the technical bids. Bidders are required to indicate the compliance status for each of eligibility criteria by stating Yes or No.

Sr. No.	Eligibility Criteria	Compliance (Yes / No)	Remarks
1	Whether Bidder is a Proprietorship/Partnership Firm, LLP Etc./Company registered in India under the Indian Companies ACT 1956 OR Indian Companies Act 2013.		
2	<p>The bidder must have successfully completed similar kind of work <b>over the last three years i.e. the current financial year and the last three financial years:</b> -</p> <ul style="list-style-type: none"><li>• Three similar completed service each costing not less than amount equal to Rs. 19,00,000/-</li><li><b>or</b></li><li>• Two similar completed services each costing not less than the amount equal to Rs. 23,75,000/-</li><li><b>or</b></li><li>• One similar completed service costing not less than the amount equal to Rs. 38,00,000/-</li></ul> <p><b>Note:</b></p> <ol style="list-style-type: none"><li><b>1. Supporting documents in form of work order or commissioning report along with performance certificate is to be submitted.</b></li><li><b>2. Bidder can quote for one job and for all the job, however bidder has to submit separate work order for different jobs to qualify the respective schedule.</b></li></ol>		
3	<p>In case of ongoing works to be considered, the bidder must have received payment bills of 80% of the contract sum for the work/works executed last day of month previous to the one in which bids are invited.</p> <p>The statement showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for- each of the works listed should be attached along with certificates duly signed by the Engineer-in Charge, not below the rank of an Executive Engineer or equivalent.</p>		
4	<p>EMD to be submitted along with Technical Bid.</p> <p>Note: Bidder to submit EMD well before the opening of the technical</p>		

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	<p>bid. EMD received after opening of the technical bid shall not be considered for evaluation and the submitted bid will be disqualified accordingly.</p> <p>The proof of submission of EMD must be uploaded on GeM Portal along with the Technical Bid. The same Physical copy if any should be submitted within 7 days after opening of the technical bid to the following address.</p> <p><b>Kind Attn: Dy, GM, PPM</b>  <b>Material Management Division, AI Engineering Services Limited</b>  <b>Old Airport, Santacruz (East), Mumbai – 400 029</b></p> <p>Bid without EMD shall be outrightly rejected.</p>		
5	<p><b>Minimum Average Annual turnover:</b></p> <p>Minimum Average Annual turnover of the tenderer for last three preceding financial years should be Rs. 14,25,000 or above.</p> <p><b>Bidder can quote for one job and for all the job, however requirement of Minimum Average Annual turnover will be cumulative in nature depending on the nos. of quoted job.</b></p> <p><b>Bidder has to submit Audited Balance Sheet, Profit &amp; Loss Account Statement for preceding three financial years.</b></p>		
6	<p>Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:</p> <ul style="list-style-type: none"> <li>▪ Made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements; and/or</li> <li>▪ Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, or financial failures etc.</li> </ul>		
7	<p>Possession of PAN number is a must at the time of application of the tender. Self-attested copy of PAN Number should be enclosed. Additionally, self-attested copy of Income Tax Return of preceding 02 Financial years should also be enclosed.</p>		
8	<p>The bidder must possess GST Registration Number at the time of application of the tender. Self-attested copy of GST Reg. Number should be enclosed.</p> <p>In case, the bidder does not possess the GST Registration Number, they need to give an undertaking that they will apply for and obtain the GST Registration Number, if the subject contract is placed on</p>		

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	them by AIESL.		
9	Applicable (CGST & SGST/UTGST or IGST) in %		
10	Whether in the instant tender items are covered in reverse charge rule of GST (CGST & SGST/UTGST or IGST).		
11	Bidder should submit individual directors / Proprietors / Partners Aadhar Card / PAN Card / DIN Details (In case of Public Ltd. / Pvt. Ltd. companies) against the One Bid Per Bidder clause.  <b>In case of Pvt. Ltd / Public Ltd. companies' bidder should also submit Share Holders details against the clarification if required.</b>		
12	Bidder should have not been black listed by any of Governments Authority or public Sector Undertaking (PSUs) in the last three years. <b>An undertaking has to be submitted in the bidder's official letterhead.</b>		
14	Bidder should submit the Power of Attorney against the authorized signatory of the bid.		
15	Besides the above eligibility criteria, a team of AIESL Officials may also visit the Factory premises / production facility of the bidder to assess their infrastructure and capability as per AIESL's request.		
16	Tender document should be duly signed, stamped, and completed in all aspects (pages)		
17	This is a no deviation tender. Deviation taken in any clause of the tender shall liable t rejection of the bids.		
18	Bidder should mention only <b>Quoted / Not Quoted</b> on each BOQ in Technical Bid. Technical Bid should not mention any rates / prices else bidder will be disqualified during technical evaluation.		

**Date:**

**Place:**

**Bidder Signature:**

**Name & Designation:**

**Company Name & Seal:**



**Tender Ref: AIESL/BOM/MMD/EFD/1382**

**Date:28/04/2026**

**Sub: Biennial rate contract of electrical work AIESL, OAP, Mumbai – 400 029**

**The details of addresses are as under:**

AI ENGINEERING SERVICES LIMITED,  
OLD AIRPORT, KALINA, SANTACRUZ-EAST,  
MUMBAI- 400 029.

The bidder is free to inspect the address(s) in the premises before submitting the bid.

**1. SCOPE & DESCRIPTION OF WORK:**

1. For detailed scope and instructions, please refer to the ‘**General Specifications for Electrical Works**’ available in the tender document. (PUBLISHED UNDER THE AUTHORITY OF DIRECTOR GENERAL, CPWD, NEW DELHI)
2. All rate mention as per Delhi Schedule of Rates (E&M)-2025 (combined and updated upto 08/2025). Except chapter no.1 Item No. 1.18 and Chapter no.6, Item No. 5.
3. Chapter No. 1, Item No. 1.18: The rate shall be as per the current market rate, based on recently executed electrical work contracts/tenders.
4. Chapter No. 6, Item No. 5: The rate shall be as per the current market rate, based on recently executed electrical work contracts/tenders.
5. Items other than those listed in ELECTRICAL SCHEDULE OF RATES (2025) must be considered from Delhi Schedule of Rates (E&M)-2025 (combined and updated upto 08/2025) (PUBLISHED UNDER THE AUTHORITY OF DIRECTOR GENERAL, CPWD, NEW DELHI).
6. Approved make for the all item must be of reputed brands and as per approved by ENGINEER IN CHARGE (EIC).
7. Chapter no.- 8, Tools and equipment must be provided by the contractor, except for materials and consumables.
8. Any breakdown, complaint, or requirement must be attended within 24 hours of the time of intimation.
9. **The contractor must have a registered Office with adequate manpower within the Mumbai region; failing which, the bid shall be liable for disqualification.**
10. No sub-contracting allowed under any circumstances.
11. Contractor must depute a qualified supervisor during execution of job to ensure safety.
12. Contractor should have their own Tools, Ladder, Test Equipment’s all complete.
13. If any debris forms during the execution of the job, it must be cleaned by contractor before leaving site.

## **Additional Terms and condition (ATC)**

### **1. Site Conditions :**

- 1.1. The site for this work is at AIESL- OAP, Kalina, Santacruz-East, Mumbai-400029 which is security sensitive area. The contractor will keep entry passes always valid and will employ safe practices at work. The supervisor will be required to submit Police NOC, for obtaining entry pass for self and workers.
- 1.2. Interested bidders must study the BID documents, must visit the Site, take the actual measurements and fully clarify to understand the exact work content and note the site conditions before quoting. BOQ is indicative only.
- 1.3. The quoted rates must be inclusive of all costs regarding labour, material, tools, equipment, safety equipment, instruments, access stands, lifting tackles, hardware, consumable, transport, insurance, GST etc. whatever is required for completing the proposed work.
- 1.4. The work has to be done very carefully, without any damage to the rooms and facilities / furniture therein.
- 1.5. A qualified and responsible supervisor will always remain present at site, when the work is being carried out. He will ensure compliance of standard safety precautions and use of safety equipment.
- 1.6. Any damage caused during the execution of work, contractor will hold responsible and repairing of damage to be done or recovered by contractor.
- 1.7. Entry permit from AIESL Security Department, Hot work permit before carrying out welding / gas cutting & height work permit for working at height (above 5 ft) are to be obtained from concerned AIESL authority & kept valid throughout the contract. Any Hot work like welding, gas cutting, heating etc. or Height Work will be done only after obtaining Hot / Height Work Permit on daily basis.
- 1.8. Contractor will not do any extra work leading to any extra payment, without permission of Engineer in charge.
- 1.9. The contractor will submit valid copy of Workmen's compensation Insurance Policy for the workers deployed at site.
- 1.10. Successful bidder should complete the work as per our requirement throughout the contract period.
- 1.11. Safety & Security of Contractor's Staff shall be the sole responsibility of the contractor.

### **Documents required in Technical BID-**

1. Similar Work experience with valid Electrical Contractor's License.
2. Compliances of BOQ, SOW, STC With sign and Stamp.
3. Valid MSME which includes Similar types of work.



**AI ENGINEERING SERVICES LIMITED**

**Department - EFD**

**ELECTRICAL SCHEDULE OF RATES**

**(2025)**

As per reference of Delhi Schedule of Rates (E&M) 2025 (combined and updated upto 08/2025).

# CHAPTER - 1

## WIRING

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>RATE</u>
	<b><u>WIRING IN STEEL &amp; PVC CONDUIT</u></b>		
<b>1.1</b>	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	2078
<b>1.2</b>	Wiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	2090
<b>1.3</b>	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	2101
<b>1.4</b>	Wiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable etc .as required.	Point	2242
<b>1.5</b>	Wiring for light/ power plug with 2X4 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Meter	480
<b>1.6</b>	Wiring for light/ power plug with 4X4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 2 Nos. 4 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable for loop earthing as required.	Meter	724
<b>1.7</b>	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.		
1.7.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Meter	370
1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	414
1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	476
1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	652
1.7.5	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	778
1.7.6	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	1020
1.7.7	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	Meter	621
1.7.8	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Meter	744
1.7.9	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Meter	1001
1.7.10	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Meter	1253
1.7.11	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	1760
<b>1.8</b>	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in	Point	1680

	surface/ recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5sq.mm FRLS/HFFR PVC insulated copper core cable etc. as required.		
<b>1.9</b>	Wiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	1693
<b>1.10</b>	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	1704
<b>1.11</b>	Wiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required	Point	1803
<b>1.12</b>	Wiring for light/ power plug with 2X4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable for loop earthing as required	Meter	373
<b>1.13</b>	Wiring for light/ power plug with 4X4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos. 4 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable for loop earthing as required	Meter	587
<b>1.14</b>	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.		
1.14.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Meter	267
1.14.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	311
1.14.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	373
1.14.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	482
1.14.5	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Meter	621
1.14.6	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Meter	832
1.14.7	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	Meter	452
1.14.8	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Meter	587
1.14.9	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Meter	813
1.14.10	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Meter	1078
1.14.11	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Meter	1454
<b>1.15</b>	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.	Point	1064
<b>1.16</b>	Rewiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required	Point	1064
<b>1.17</b>	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.		

1.17.1	1 x 1.5 sq. mm	Meter	51
1.17.2	2 x 1.5 sq. mm	Meter	77
1.17.3	3 x 1.5 sq. mm	Meter	104
1.17.4	4 x 1.5 sq. mm	Meter	130
1.17.5	5 x 1.5 sq. mm	Meter	169
1.17.6	6 x 1.5 sq. mm	Meter	195
1.17.7	7 x 1.5 sq. mm	Meter	234
1.17.8	8 x 1.5 sq. mm	Meter	260
1.17.9	9 x 1.5 sq. mm	Meter	311
1.17.10	10 x 1.5 sq. mm	Meter	338
1.17.11	2 x 2.5 sq. mm	Meter	107
1.17.12	3 x 2.5 sq. mm	Meter	148
1.17.13	4 x 2.5 sq. mm	Meter	189
1.17.14	5 x 2.5 sq. mm	Meter	242
1.17.15	6 x 2.5 sq. mm	Meter	283
1.17.16	7 x 2.5 sq. mm	Meter	337
1.17.17	8 x 2.5 sq. mm	Meter	378
1.17.18	9 x 2.5 sq. mm	Meter	443
1.17.19	10 x 2.5 sq. mm	Meter	484
1.17.20	2 x 4 sq. mm	Meter	160
1.17.21	3 x 4 sq. mm	Meter	222
1.17.22	4 x 4 sq. mm	Meter	296
1.17.23	5 x 4 sq. mm	Meter	362
1.17.24	6 x 4 sq. mm	Meter	424
1.17.25	7 x 4 sq. mm	Meter	488
1.17.26	8 x 4 sq. mm	Meter	550
1.17.27	9 x 4 sq. mm	Meter	616
1.17.28	10 x 4 sq. mm	Meter	690
1.17.29	2 x 6 sq. mm	Meter	234
1.17.30	3 x 6 sq. mm	Meter	326
1.17.31	4 x 6 sq. mm	Meter	431
1.17.32	5 x 6 sq. mm	Meter	524
1.17.33	6 x 6 sq. mm	Meter	641
1.17.34	7 x 6 sq. mm	Meter	733
1.17.35	8 x 6 sq. mm	Meter	838
1.17.36	9 x 6 sq. mm	Meter	930
1.17.37	10 x 6 sq. mm	Meter	1029
<b>1.18</b>	Supplying and laying on wall, ceiling, trusses, armoured copper PVC insulated 1100-volt grade cables of following size using spacers, saddles, etc.		
1.18.1	3c x 2.5 sq. mm	Meter	370
1.18.2	4c x 2.5 sq. mm	Meter	477
1.18.3	3c x 4 sq. mm	Meter	546
1.18.4	4c x 4 sq. mm	Meter	699
1.18.5	3c x 6 sq. mm	Meter	787
1.18.6	4c x 6 sq. mm	Meter	1028
1.18.7	4c x 10 sq. mm	Meter	1672
1.18.8	4c x 16 sq. mm	Meter	2473
1.18.9	4c x 25 sq. mm	Meter	3908
<b>1.19</b>	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.		

1.19.1	20 mm	Meter	254
1.19.2	25 mm	Meter	289
1.19.3	32 mm	Meter	360
1.19.4	40 mm	Meter	515
1.19.5	50 mm	Meter	634
<b>1.20</b>	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		
1.20.1	20 mm	Meter	151
1.20.2	25 mm	Meter	168
1.20.3	32 mm	Meter	209
1.20.4	40 mm	Meter	257
1.20.5	50 mm	Meter	316
<b>1.21</b>	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.		
1.21.1	75 mm X 75 mm X 60 mm deep	Each	213
1.21.2	100 mm X 100 mm X 60 mm deep	Each	245
1.21.3	150 mm X 75 mm X 60 mm deep	Each	252
1.21.4	150 mm X 150 mm X 60 mm deep	Each	360
1.21.5	180 mm X 100 mm X 60 mm deep	Each	282
1.21.6	200 mm X 125 mm X 60 mm deep	Each	372
1.21.7	200 mm X 150 mm X 60 mm deep	Each	406
1.21.8	200 mm X 150 mm X 75 mm deep	Each	414
1.21.9	200 mm X 250 mm X 60 mm deep	Each	528
1.21.10	200 mm X 250 mm X 75 mm deep	Each	549
1.21.11	200 mm X 150 mm X 100 mm deep	Each	469
1.21.12	200 mm X 250 mm X 100 mm deep	Each	568
1.21.13	200 mm X 300 mm X 60 mm deep	Each	587
1.21.14	200 mm X 300 mm X 100 mm deep	Each	625
1.21.15	250 mm X 300 mm X 60 mm deep	Each	673
1.21.16	250 mm X 300 mm X 100 mm deep	Each	721
<b>1.22</b>	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover Including connections etc. as required.		
1.22.1	5/6 amps switch	Each	63
1.22.2	2 way 5/6 A switch	Each	75
1.22.3	15/16 A switch	Each	140
1.22.4	3 pin 5/6 A socket outlet	Each	81
1.22.5	6 pin 15/16 A socket outlet	Each	156
1.22.6	Bell push	Each	100
<b>1.23</b>	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connection as required.		
1.23.1	5/6 A switch	Each	121
1.23.2	2 way 5/6 A switch	Each	168
1.23.3	15/16 A switch	Each	176
1.23.4	3 pin 5/6 A socket outlet	Each	136
1.23.5	6 pin 15/16 A socket outlet	Each	219
1.23.6	Bell push	Each	159
<b>1.24</b>	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	402
<b>1.25</b>	Supplying and fixing modular blanking plate on the existing modular	Each	47

	plate & switch box excluding modular plate as required.		
<b>1.26</b>	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.		
1.26.1	1 or 2 Module (75mmX75mm)	Each	354
1.26.2	3 Module (100mmX75mm)	Each	384
1.26.3	4 Module (125mmX75mm)	Each	401
1.26.4	6 Module (200mmX75mm)	Each	462
1.26.5	8 Module (125mmX125mm)	Each	517
1.26.6	12 Module (200mmX150mm)	Each	614
<b>1.27</b>	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required		
1.27.1	1 or 2 Module	Each	156
1.27.2	3 Module	Each	175
1.27.3	4 Module	Each	182
1.27.4	6 Module	Each	207
1.27.5	8 Module	Each	238
1.27.6	12 Module	Each	301
<b>1.28</b>	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.	Each	423
<b>1.29</b>	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A Socket outlet and 15/16A piano type switch, connections, painting etc. as required.	Each	558
<b>1.30</b>	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	545
<b>1.31</b>	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	659
<b>1.32</b>	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required.	Each	104
<b>1.33</b>	Supplying and fixing brass batten/ angle holder including connection etc. as required.	Each	154
<b>1.34</b>	Installation, Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing up to two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	Each	151
<b>1.35</b>	Supplying and fixing stiff pendent with 300 mm long, 20 mm dia X 1.6 mm thick steel conduit, aluminium cast back plate and brass holder complete, including wiring the down rod with 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable and painting etc. as required.	Each	353
<b>1.36</b>	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	Each	112
<b>1.37</b>	Providing and fixing plain 16/0.20mm (0.50sqmm) twin flat flexible, FRLS/HFFR PVC insulated, copper conductor cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. as required.	Meter	47
<b>1.38</b>	Providing and fixing plain 16/0.20mm (0.50sqmm) twin circular flexible FRLS/HFFR PVC insulated, PVC sheathed copper conductor cable	Meter	40

	direct on the wall with PVC clips etc. as required.		
<b>1.39</b>	Installation, Testing and Commissioning of pre-wired, fluorescent fitting / compact fluorescent/ LED fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	259
<b>1.40</b>	Installation, Testing and Commissioning of pre-wired, fluorescent fitting / compact fluorescent/ LED fitting of all types, complete with all accessories and tube/lamp etc., including supplying and fixing ball and socket arrangement, 2 Nos. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connections with 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	556
<b>1.41</b>	Supplying and fixing extra conduit down rod of 20 mm dia, 2 X 10 cm length, wiring with 2 X 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	64
<b>1.42</b>	Installation, Testing and Commissioning of ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable etc. as required	Each	266
<b>1.43</b>	Installation, Testing and Commissioning of ceiling fan, including wiring the down rods of standard length(up to 30 cm) with 1.5 sq. mm FRLS/HFFR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required	Each	332
<b>1.44</b>	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note: More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	53
<b>1.45</b>	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	59
<b>1.46</b>	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	260
<b>1.47</b>	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent as required.	Each	186
<b>1.48</b>	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	1246
<b>1.49</b>	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point ( without independent switch etc.) with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.	Point	994
<b>1.50</b>	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin	Each	757

	5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non-residential buildings).		
<b>1.51</b>	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Each	807
<b>1.52</b>	Supplying and fixing PVC batten/angle holder including connections etc. as required.	Each	132
<b>1.53</b>	Dismantling of ceiling fan and painting the same with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent and replacing the damaged rubber reel, nuts and bolts with washers and safety pins, reinstalling the same as required.	Each	324

## CHAPTER - 2

### MCCB, MCB & DB'S

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>RATE</u>
<b>2.1</b>	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.		
2.1.1	32 A TP&N	Each	2292
2.1.2	63 A TP&N	Each	3342
2.1.3	100 A TP&N	Each	6414
2.1.4	125 A TP&N	Each	7577
2.1.5	160 A TP&N	Each	8546
2.1.6	200 A TP&N	Each	10198
2.1.7	315 A TP&N	Each	15308
2.1.8	400 A TP&N	Each	18722
<b>2.2</b>	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel making connections, Ics=100% Icu and Operational. Voltage 690V etc. as required.		
2.2.1	100 A, 16 KA, TPMCCB	Each	4003
2.2.2	125 A, 16 KA, TPMCCB	Each	5103
2.2.3	150 A, 16 KA, TPMCCB	Each	6326
2.2.4	200 A, 16 KA, TPMCCB	Each	8111
2.2.5	200 A, 25 KA, TPMCCB	Each	11586
2.2.6	250 A, 25 KA, TPMCCB	Each	13647
2.2.7	250 A, 35 KA, TPMCCB	Each	14584
2.2.8	315 A, 35 KA, TPMCCB	Each	22644
2.2.9	400 A, 35 KA, TPMCCB	Each	22644
2.2.10	500 A, 35 KA, TPMCCB	Each	26812
2.2.11	630 A, 50 KA, TPMCCB	Each	29222
2.2.12	800 A, 50 KA, TPMCCB	Each	37895
2.2.13	100 A,30 KA, FPMCCB	Each	8127
2.2.14	125 A,36 KA, FPMCCB	Each	8644
2.2.15	200 A,36 KA, FPMCCB	Each	15956
2.2.16	250 A,36 KA, FPMCCB	Each	18372
2.2.17	250 A,50 KA, FPMCCB	Each	19313
2.2.18	400 A,50 KA, FPMCCB	Each	44663
2.2.19	630 A,50 KA, FPMCCB	Each	45108
<b>2.3</b>	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required.(But without MCB/RCCB/Isolator)		
2.3.1	6 way , Double door	Each	2390
2.3.2	8 way , Double door	Each	2773
2.3.3	12 way , Double door	Each	2871
2.3.4	16 way, Double door	Each	3367
<b>2.4</b>	Supplying and fixing following way, horizontal type three pole and		

	neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).		
2.4.1	4 way (4 + 12), Double door	Each	4377
2.4.2	6 way (4 + 18), Double door	Each	5299
2.4.3	8 way (4 + 24), Double door	Each	6337
<b>2.5</b>	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer ) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)		
2.5.1	4 way (4 + 12), Double door	Each	7951
2.5.2	8 way (4 + 24), Double door	Each	10724
2.5.3	12 way (4 + 36), Double door	Each	13512
<b>2.6</b>	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.6.1	Single pole	Each	285
2.6.2	Single pole and neutral	Each	643
2.6.3	Double pole	Each	696
2.6.4	Triple pole	Each	1070
2.6.5	Triple pole and neutral	Each	1301
<b>2.7</b>	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	14
<b>2.8</b>	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.8.1	40 A	Each	472
2.8.2	63 A	Each	569
<b>2.9</b>	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.9.1	40 A	Each	1049
2.9.2	63 A	Each	1115
2.9.3	100 A	Each	1317
<b>2.10</b>	Supplying and fixing following rating, double pole (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
2.10.1	25 A	Each	2141
2.10.2	40 A	Each	2512
2.10.3	63 A	Each	2866
<b>2.11</b>	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	
2.11.1	25 A	Each	3137
2.11.2	40 A	Each	3452
2.11.3	63 A	Each	3597
<b>2.12</b>	Supply and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	1258

<b>2.13</b>	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 16/25/32 A 415 V "C" curve TP MCB complete with connections, testing and commissioning etc. as required.	Each	1707
<b>2.14</b>	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	1806
<b>2.15</b>	Supplying and fixing 20 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 20 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	2773
<b>2.16</b>	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	4358
<b>2.17</b>	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enamelled white on both sides, and with inscription in single red colour on front side as required	Each	315
<b>2.18</b>	Providing and fixing H.T. danger notice plate of 250 mm X 200 mm, made of mild steel, at least 2 mm thick, and vitreous enamelled white on both sides, and with inscription in single red colour on front side as required.	Each	340
<b>2.20</b>	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240 Volts, on surface/ recess, complete with testing and commissioning etc. as required.	Each	
2.20.1	For 6 way, Double door SPN MCBDB	Each	834
2.20.2	For 8 way, Double door SPN MCBDB	Each	918
2.20.3	For 10 way, Double door SPN MCBDB	Each	895
2.20.4	For 14 way, Double door SPN MCBDB	Each	990
<b>2.21</b>	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc.as required		
2.21.1	For 4 way, Double door TPN MCBDB	Each	1177
2.21.2	For 6 way, Double door TPN MCBDB	Each	1223
2.21.3	For 8 way, Double door TPN MCBDB	Each	1448
	Supplying and fixing Cable End Box (Loose Wire Box) suitable for triple pole and neutral, sheet steel, Vertical MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc. as required.	Each	1271

## CHAPTER - 3 CABLE TRAYS

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>RATE</u>
<b>3.1</b>	Supplying and installation following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc as required.		
3.1.1	100 mm width X 50 mm depth X 1.6 mm thickness	Meter	623
3.1.2	150 mm width X 50 mm depth X 1.6 mm thickness	Meter	686
3.1.3	200 mm width X 50 mm depth X 1.6 mm thickness	Meter	775
3.1.4	300 mm width X 50 mm depth X 1.6 mm thickness	Meter	866
3.1.5	375 mm width X 50 mm depth X 2.0 mm thickness	Meter	1116
3.1.6	450 mm width X 50 mm depth X 2.0 mm thickness	Meter	1243
3.1.7	600 mm width X 50 mm depth X 2.0 mm thickness	Meter	1482
3.1.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1025
3.1.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1160
3.1.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1348
3.1.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1597
3.1.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1830
3.1.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	2109
3.1.14	600 mm width X 75 mm depth X 2.0 mm thickness	Meter	1633
3.1.15	750 mm width X 75 mm depth X 2.0 mm thickness	Meter	1844
3.1.16	900 mm width X 75 mm depth X 2.0 mm thickness	Meter	2145
<b>3.2</b>	Supplying and installation following size of perforated painted with powder coating M.S. cable trays bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc as required.		
3.2.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	948
3.2.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1105
3.2.3	200 mm width X 50 mm depth X 1.6 mm thickness	Each	1323
3.2.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1544
3.2.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2138
3.2.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2437
3.2.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	3009
3.2.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	1930
3.2.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2244
3.2.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2657
3.2.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3244
3.2.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3805
3.2.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4403
3.2.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	3332
3.2.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	3895
3.2.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	4493

<b>3.3</b>	Supplying and installation following size of perforated painted with powder coating M.S. cable trays Tee with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastner etc as required.		
3.3.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1089
3.3.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1281
3.3.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1552
3.3.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1826
3.3.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2558
3.3.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2923
3.3.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	3628
3.3.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2305
3.3.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2686
3.3.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3165
3.3.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3885
3.3.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4578
3.3.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5309
3.3.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	3995
3.3.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	4691
3.3.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	5422
<b>3.4</b>	Supplying and installing following size of perforated painted with powder coating M.S. cable trays Cross Member with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastner etc as required.		
3.4.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1231
3.4.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1498
3.4.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1783
3.4.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2110
3.4.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2978
3.4.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3410
3.4.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4247
3.4.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2681
3.4.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3129
3.4.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3674
3.4.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4526
3.4.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5352
3.4.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6215
3.4.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	4658
3.4.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	5487
3.4.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	6350
<b>3.5</b>	Supplying and installing following size of perforated painted with powder coating M.S. cable trays Reducer with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable		

	size MS/GI angle, bolts & nuts, painting suspenders, fastner etc as required.		
3.5.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1089
3.5.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1281
3.5.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1562
3.5.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1876
3.5.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2568
3.5.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2933
3.5.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	3628
3.5.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2305
3.5.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2686
3.5.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3165
3.5.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3885
3.5.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4578
3.5.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5309
3.5.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	3995
3.5.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	4691
3.5.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	5422
	<b><i>Hot Dipped Galvanized Iron Cable Tray</i></b>		
<b>3.6</b>	Supplying and installing following size of perforated Hot Dipped Galvanized Iron cable tray (Galvanization thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.		
3.6.1	100 mm width X 50 mm depth X 1.6 mm thickness	Meter	754
3.6.2	150 mm width X 50 mm depth X 1.6 mm thickness	Meter	803
3.6.3	225 mm width X 50 mm depth X 1.6 mm thickness	Meter	991
3.6.4	300 mm width X 50 mm depth X 1.6 mm thickness	Meter	1062
3.6.5	375 mm width X 50 mm depth X 2.0 mm thickness	Meter	1322
3.6.6	450 mm width X 50 mm depth X 2.0 mm thickness	Meter	1439
3.6.7	600 mm width X 50 mm depth X 2.0 mm thickness	Meter	1925
3.6.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1299
3.6.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1477
3.6.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	1713
3.6.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	2064
3.6.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	2428
3.6.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Meter	2793
3.6.14	600 mm width X 75 mm depth X 2.0 mm thickness	Meter	2111
3.6.15	750 mm width X 75 mm depth X 2.0 mm thickness	Meter	2441
3.6.16	900 mm width X 75 mm depth X 2.0 mm thickness	Meter	2799
<b>3.7</b>	Supplying and installing following size of perforated Hot Dipped Galvanized Iron cable tray "bends" (galvanizations not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI		

	bolts & nuts, fastner etc as required.		
3.7.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1252
3.7.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1368
3.7.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1811
3.7.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1977
3.7.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2580
3.7.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2844
3.7.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	3985
3.7.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2537
3.7.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2946
3.7.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3460
3.7.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3966
3.7.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5122
3.7.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5932
3.7.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	4383
3.7.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	5156
3.7.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	5957
<b>3.8</b>	Supplying and installing following size of perforated Hot Dipped Galvanized Iron cable tray "Tee" (galvanization not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.		
3.8.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1427
3.8.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1486
3.8.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	2097
3.8.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2294
3.8.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	3012
3.8.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3324
3.8.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4687
3.8.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2965
3.8.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3505
3.8.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4038
3.8.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5084
3.8.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6014
3.8.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6984
3.8.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	5137
3.8.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	6061
3.8.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	7013
<b>3.9</b>	Supplying and installing following size of perforated Hot Dipped Galvanized Iron cable tray "Cross member" (galvanizations not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.		
3.9.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1427
3.9.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1486

3.9.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	2117
3.9.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2513
3.9.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	3289
3.9.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3770
3.9.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4702
3.9.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2972
3.9.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3448
3.9.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4044
3.9.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5000
3.9.12	750mm width X 62.5 mm depth X 2 mm thickness	Each	4505
3.9.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5196
3.9.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	5140
3.9.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	6014
3.9.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	6984
<b>3.10</b>	Supplying and installing following size of perforated Hot Dipped Galvanized Iron cable tray "Reducer" (galvanizations not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required		
3.10.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1771
3.10.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	2049
3.10.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	2572
3.10.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2991
3.10.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	3624
3.10.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3929
3.10.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	5418
3.10.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3583
3.10.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4178
3.10.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5000
3.10.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5567
3.10.12	750mm width X 62.5 mm depth X 2 mm thickness	Each	6758
3.10.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	7826
3.10.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	6291
3.10.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	6842
3.10.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	7912

## **CHAPTER - 4**

### **EARTHING**

<b><u>ITEM</u></b> <b><u>No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>UNIT</u></b>	<b><u>RATE</u></b>
<b>4.1</b>	Earthing with G.I. earth pipe 4.5 Meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal/ coke and salt) as required.	Set	5958
<b>4.2</b>	Earthing with G.I. earth pipe 4.5 Meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Set	7658
<b>4.3</b>	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. (but without charcoal/ coke and salt ) as required.	Set	7080
<b>4.4</b>	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. with charcoal/ coke and salt as required.	Set	8351
<b>4.5</b>	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. (but without charcoal/ coke and salt) as required.	Set	13733
<b>4.6</b>	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 Meter long etc. with charcoal/ coke and salt as required.	Set	15004
<b>4.7</b>	Supplying and laying 6 SWG G.I. wire at 0.50 Meter below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	Meter	62
<b>4.8</b>	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	Meter	1024
<b>4.9</b>	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Meter	160
<b>4.10</b>	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	1638
<b>4.11</b>	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	755
<b>4.12</b>	Providing and laying earth connection from earth electrode with 6 SWG	Meter	313

	dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.		
<b>4.13</b>	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	Meter	400
<b>4.14</b>	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Meter	1246
<b>4.15</b>	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Meter	287
<b>4.16</b>	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Meter	84
<b>4.17</b>	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Meter	173
<b>4.18</b>	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Meter	50
<b>4.19</b>	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Meter	139
<b>4.20</b>	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	Meter	2245

## **CHAPTER - 5**

### **LIGHTNING CONDUCTOR**

<b><u>ITEM No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>UNIT</u></b>	<b><u>RATE</u></b>
<b>5.1</b>	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	Each	609
<b>5.2</b>	Fixing of lightning conductor finial (single prong) with base plate including holes etc. complete as required.	Each	422
<b>5.3</b>	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	Each	139
<b>5.4</b>	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	Meter	148
<b>5.5</b>	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	Meter	238
<b>5.6</b>	Fixing of copper/ G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	Meter	100
<b>5.7</b>	Fixing of copper/ G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	Meter	201
<b>5.8</b>	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	Each	140
<b>5.9</b>	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Meter	221
<b>5.10</b>	Laying copper/ G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Meter	96

# CHAPTER - 6

## LED LIGHT

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>RATE</u>
1	<p><b>LED Down lighter (COB Type) (System lumen efficacy <math>\geq 105 &lt; 120</math> lm/Watt).</b></p> <p>Supplying, installation, Testing &amp; Commissioning of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) COB Type of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency <math>&gt;85\%</math>, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range <math>-5^{\circ}\text{C}</math> to <math>40^{\circ}\text{C}</math>, internal surge protection of 2.5 KV with Short &amp; Open circuit protection ,THD <math>&lt; 10\%</math> , P. F.<math>\geq 0.95</math>, IP20, CRI <math>\geq 80</math>, UGR (Unified Glare Rating) <math>\leq 19</math>, Flicker free (flicker should be below 5%), life time (LED, Driver &amp; electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT <math>3000^{\circ}\text{K}</math> / <math>4000^{\circ}\text{K}</math> / <math>5700^{\circ}\text{K}</math> / <math>6500^{\circ}\text{K}</math> (As per ANSI Bin), SDCM (Standard Deviation Color Matching) <math>&lt; 3</math>, Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing Complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy <math>\geq 105</math> and <math>&lt; 120</math> lm/Watt output . LM79 &amp; LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above <math>90^{\circ}\text{C}</math>) Powder coated die cast/Extruded aluminium Body including trim with Aluminium Reflector.</p>	Each	609
	• 5 - 7 watt	Each	826
	• 8 - 10 watt	Each	878
	• 12 -15 watt	Each	1042
	• 18 watt	Each	1181
	• 22 watt	Each	1330
	• 30 watt	Each	1654
2	<p><b>LED Panel light 2x2 ft. (System lumen efficacy <math>\geq 105 &lt; 120</math> lm/Watt)</b></p> <p>Supplying, installation, Testing &amp; Commissioning of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency <math>&gt;85\%</math>, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range <math>-5^{\circ}\text{C}</math> to <math>40^{\circ}\text{C}</math>, internal surge protection of 2.5 KV with Short &amp; Open circuit protection, THD <math>&lt; 10\%</math> , P. F.<math>\geq 0.95</math>, IP20, CRI <math>\geq 80</math>, UGR (Unified Glare Rating) <math>\leq 19</math>, Flicker free, (flicker should be below 5 %), life time (LED, Driver &amp; electrical circuitry), of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT <math>3000^{\circ}\text{K}</math> / <math>4000^{\circ}\text{K}</math> / <math>5700^{\circ}\text{K}</math> / <math>6500^{\circ}\text{K}</math> (As per ANSI Bin), SDCM(Standard Deviation Colour</p>		

	Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy $\geq 105$ <120 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)		
	• 15 watt	Each	1508
	• 18 watt	Each	2060
	• 22 watt	Each	2370
	• 36 watt	Each	2508
	• 40 watt	Each	2681
	• 45 watt	Each	3166
<b>3</b>	<b>LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy <math>\geq 120</math> &lt;135 lm/Watt).</b> Supplying, installation, Testing & Commissioning of Street light LED fixture powder coated pressure die cast aluminium body with driver as per the requirement with Driver efficiency >85%, Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F. $\geq 0.95$ , IP-66,IK-10, CRI >70, under voltage and over voltage protection, EMI-EMC As per CISPR 15 , lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy $\geq 120$ <135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).		
	• 10 watt	Each	830
	• 14 watt	Each	982
	• 15 watt	Each	1011
	• 18 watt	Each	1173
	• 20 watt	Each	1297
	• 24 watt	Each	1477
	• 25 watt	Each	1526
	• 30 watt	Each	1553
	• 36 watt	Each	1629

	• 40 watt	Each	1643
	• 45 watt	Each	1744
	• 50 watt	Each	1934
	• 72 watt	Each	2128
	• 90 watt	Each	2335
	• 100 watt	Each	2681
	• 120 watt	Each	2958
	• 150 watt	Each	3443
	• 180 watt	Each	4827
	• 200 watt	Each	5035
<b>4</b>	<p><b>LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy <math>\geq 120</math> and <math>&lt; 135</math> lm/Watt).</b></p> <p>Supplying, Installation, Testing &amp; Commissioning of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency <math>&gt; 85\%</math>, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range <math>-5^{\circ}\text{C}</math> to <math>50^{\circ}\text{C}</math>, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency <math>&gt; 85\%</math>, THD <math>&lt; 10\%</math> as per IEC 61000-3-2, P. F. <math>\geq 0.95</math>, IP-66, IK-10, CRI <math>\geq 70</math>, under voltage and over voltage protection, EMI-EMC as per CISPR-15, lenses for beam angle 30 deg-120deg as per the application and the project requirement, suitable tilt able fitting, life time (LED, Driver &amp; electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT <math>3000^{\circ}\text{K} / 4000^{\circ}\text{K} / 5700^{\circ}\text{K} / 6500^{\circ}\text{K}</math> (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) <math>&lt; 5</math>, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy <math>\geq 120</math> and <math>&lt; 135</math> lm/Watt output . LM79 &amp; LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above <math>90^{\circ}\text{C}</math>).</p>		
	• 50 watt	Each	2009
	• 70 watt	Each	2299
	• 100 watt	Each	2467
	• 150 watt	Each	3457
	• 200 watt	Each	4689
	• 250 watt	Each	5969
<b>5</b>	<p>Installation, Testing and Commissioning of pre-wired, Highbay LED light fitting / of all types, complete with all accessories. directly on ceiling/ wall at <b>height approx 20 to 80 ft</b>, including connections with 1.5 sq. mm/ 2.5sq.mm FRLS/HFFR PVC insulated, copper conductor, single core wire/ multi core cable and earthing etc. as required.</p>	Each	800

6	Supply, installation, Testing and Commissioning of pre-wired, Highbay LED light fitting / of all 200W, complete with all accessories. directly on ceiling/ wall at <b>height approx 20 to 80 ft</b> , including connections with 1.5 sq. mm/ 2.5sq.mm FRLS/HFFR PVC insulated, copper conductor, single core wire/ multi core cable and earthing etc. as required.	Each	9800
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## **CHAPTER - 7**

### **BLDC FAN**

<b><u>ITEM No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>UNIT</u></b>	<b><u>RATE</u></b>
<b>7</b>	<b>Brush Less Direct Current (BLDC) Fan without Remote</b>  Supply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal( Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 0C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply, Ceiling Fan compliant to IS 374:2019 fan i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required.		
<b>7.1</b>	900mm, service value $\geq 5.1$ CM/Min/Watt, air delivery 130 CM/Min (Minimum)	Each	2560
<b>7.2</b>	1050mm, service value $\geq 5.1$ CM/Min/Watt, air delivery 150 CM/Min (Minimum)	Each	2587
<b>7.3</b>	1200mm, service value $\geq 6.0$ CM/Min/Watt, air delivery 210 CM/Min (Minimum)	Meter	2695
<b>7.4</b>	1400mm, service value $\geq 6.0$ CM/Min/Watt, air delivery 245 CM/Min (Minimum)	Meter	2737

**CHAPTER – 8**  
**BASIC RATE OF LABOUR & HIRE CHARGES**

<b><u>ITEM No.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>UNIT</u></b>	<b><u>RATE</u></b>
1	Wireman	day	981
2	Cable jointer	day	981
3	Lineman	day	981
4	Fitter	day	981
5	Painter	day	893
6	Carpenter	day	981
7	Engineer	day	1500
8	Electrician	day	981
9	Electronic Technician	day	981
10	Welder	day	981

**Note: Items other than listed in ELECTRICAL SCHEDULE OF RATES (2025) must be considered from Delhi Schedule of Rates (E&M)-2025 (PUBLISHED UNDER THE AUTHORITY OF DIRECTOR GENERAL, CPWD, NEW DELHI).**

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### Percentage BoQ At Par

Tender Inviting Authority: DY GM, PPMM OAP,MUMBAI

Name of Work: Biennial Rate Contract for carrying out varous Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029

Tender No: AIESL/BOM/MMD/efd/1382 Dated 28.04.2026

Name of the Bidder/ Bidding Firm / Company :

#### PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	Biennial Rate contract for carrying out various electrical works, including electrical installation, repairs, replacement and allied electrical works at AIESL, OAP, Mumbai-29 as per ELECTRICAL SCHEDULE RATE 2025.	1.00	Each	8050847.00	<b>8050847.00</b>	INR Eighty Lakh Fifty Thousand Eight Hundred Forty Seven & Paise Zero Only
<b>Total in Figures</b>					<b>8050847.00</b>	INR Eighty Lakh Fifty Thousand Eight Hundred Forty Seven & Paise Zero Only
<b>Quoted Rate in Figures</b>					0.00	INR Zero Only
<b>Quoted Rate in Words</b>						<b>INR Zero Only</b>



## ENGINEERING FACILITIES DIVISION

EFD/05-00/048

Date : 16/04/2025

### SAFETY NORMS

The following norms are to be observed by the Contractor for the construction, installation, maintenance, repair, overhaul and erection jobs at the AIESL Premises.

As a part of the contract, contractor must satisfy the under mentioned safety requirement and must always ensure that these are followed without deviation:

Contractor should ensure in writing before starting job that their workers and Supervisor are trained and having adequate knowledge & experience of work and related safety precautions to follow.

Smoking is strictly prohibited in areas with combustibles or flammable and other areas where smoking are prohibited.

Any hot job (welding, soldering, gas, cutting etc.) however minor it may be or any job which involves open flame or using a hot source or temporary electrical connections shall not be done without prior hot work permission from Fire Officer-AIESL. Contractors are not permitted to carry out any hot work on holidays, Saturdays and Sundays or beyond AIESL normal working hours without AIESL-Supervision and prior permission in writing.

It is entirely contractor's responsibility to ensure that protective equipments such as safety belts, lifelines, helmets, Safety Shoes etc. depending on the jobs are issued & used by contract workmen. Contractor's supervisor shall be present at site all the time and ensure that these PPEs are used by workers. If contractor need any suggestion on the matter, contractor can approach EIC/Safety Officer-AIESL. Any lapse on matters of safety will be viewed seriously.

All equipment used to carry out work shall be rendered safe. No equipments such as ladders, tractors, cranes, etc. or welding sets or any tools which belong to the AIESL shall be used by contractor unless specifically mentioned in



writing in the terms of contract. Notwithstanding these it is obligatory on contractor's part, to verify the quality and safety aspects of such equipment, machinery or tools so that no injury or accident will occur when used in the expected manner. Any incident occurs during work, contractors are entirely responsible for it including compensation that may arise out of the incident.

Contractor must clearly bear in mind that a competent supervisor shall always be on site when contractor's men are at work. Lapse on this point shall be viewed seriously irrespective of occurrence of any incidents.

Contractor shall ensure that safety precautions expected of contractor's professional work are completely understood by contractor's supervisors and workers and that these are followed. Contractor shall also ensure that in every job that contractor must take cognizance of varying site conditions. Contractor's staff are completely knowledgeable about the hazards and dangers associated with the work for which due alertness and safe working methods shall be followed.

Site work is quite different from work in an organized workshop. Contractor shall bear this point in mind so that proper work methods to protect contractor's staff from any danger can be evolved.

Contractors are not permitted to carry out work within the premises of this AIESL which otherwise under conditions of contract are expected to be carried out in contractor's premises.

Contractor's materials which are flammable / combustible must under no circumstances be stored in any of our workshops or building or near aircraft. Contractor shall plan of temporary sheds so located that a fire in such a shed shall not involve any of the AIESL property. A Separate permission must be taken from Safety Officer-AIESL for it.

Supervisors and field staff may not be aware of the seriousness of consequences of going near aircraft under run-up. Contractors are responsible to see that out of curiosity and lack of awareness while going in a vehicle or otherwise people should not approach an aircraft under run-up.



### **Precautions During Welding**

The contractor must ensure that welding machine is equipped with an earthing cable without joints.

Electrical supply to be tapped from power source identified by MSE-AIESL & connections must be firm to eliminate sparking. Circuit must be protected by fuse.

There should be no flammable material nor any spillage of such material in the locations of work spot.

There should be no joint in the phase side conductor cables.

If the welding is to be carried out in the vicinity of aircraft, separating, distance should not be less than 150 feet.

Welding job should not be carried out directly above or below the aircraft in the hangar.

The welding work carried out in workshop should be under the personal supervision of Engineering Facilities Division Supervisor. He will ensure that welding work is carried out in safe location & all flammable material are removed from the site

The said Supervisor should inform the related workshop / Section Incharge (eg. COD, AOD etc.) that the welding job is being be carried out.

The Contractor's staff must be appraised of the hazards of

- i) Being near to an engine under run-up and
- ii) Not following smoking restrictions.

The above should also be conveyed in writing to concerned contractor/ supervisor before starting the job.



### **Additional Precautions & Instructions**

The Contractor should ensure to arrange due supervision to avoid accident and cause of accident.

The Contractor must be careful regarding "SAFETY FIRST" during working and in AIESL premises.

Each hot job that may be carried out particularly beyond office hours or on Holidays must have prior concurrence from a responsible authority of the rank of not below Technical Officer from (EFD).

The Contractor must ensure provision of adequate firefighting capacity to deal with at incident state itself, such provision should not be less than 2-gallon foam extinguishers properly maintained by them. The staff should know the uses of the above-mentioned fire extinguishers.

Jobs will be carried out only after obtaining a daily work permit from the AIESL.

#### **1. General:**

- a. All workers to wear helmets at the construction site. To be provided by the contractor.
- b. All workers to wear safety shoes. To be provided by the contractor.
- c. All workers to wear suitable clothing for the job required e.g. Welders to have leather aprons while welding and gloves to protect from the heat. To be provided by the contractor.
- d. All workers to be familiarised by the contractor the safe methods of operating and procedures in case of an emergency.
- e. All workers to attend a class to be held by the Safety Engineer-AIESL to familiarise the safety aspects on site.
- f. All scaffolding to be used should be of steel pipes and with adjustable clamps. To be provided by the contractor.



- g. All workers must be covered under the workmen compensations act. A suitable insurance policy to be taken and original copy to be kept with AIESL. All statutory regulations etc. to be observed by the contractor, and in case of any non-compliance the AIESL must be indemnified by the contractor.
- h. Where applicable, provident fund records to be kept at site.
- i. All wage records to be kept at site and payments to be as per the minimum wages act.
- j. Working in green field sites poses a problem of snake bites. Snakes' serums to be kept at site. Refrigeration will be provided by AIESL, if needed.
- k. Chipping etc, to be done wearing protective eyeglasses.
- l. Various types of fire extinguishers to be used depending upon the nature of fire are available with EFD Fire Section. Contractor has to ensure that they position at site, suitable fire extinguisher type listed below, depending on nature of work.
  - 1. 1 No. of soda acid type for wood/paper type fires.
  - 2. 1 No. of dry powder type fire extinguishers.
  - 3. 1 No. of CO2 type fire extinguishers.
  - 4. Two buckets of sand/water, preferably sand.
- m. All unsafe incidents and occurrences will be reported to the site engineer immediately.

**Working at heights:**

- a. Contractor has to ensure that only workers capable of scaling heights should be deputed to do the jobs.
- b. All scaffolding to be made of steel pipes and with adjustable steel clamps. This should be tested and certified by the site supervisor of the contractor and AIESL site supervisor/Engineer to confirm the same. If possible, use A crow make scaffolding.



- c. Bamboo/wooden ladders to be checked for missing rungs and the fitness of the ladder should be certified by the AIESL engineer at site/ Safety Officer.
- d. All ladders to be tied at the top end, to prevent the slipping of ladders.
- e. All workers at height to wear nylon safety belts, as approved by AIESL. The other end of the belt to be hooked to a structural member of the building.
- f. While working on sloping roofs, nylon nets to be provided below to catch falling objects.
- g. Men working heights, should be provided with holsters for keeping hand tools for easy retrieval and will leave both hands free for climbing.
- h. As far as possible, mechanise the upward movement of materials, so that head load can be avoided.
- i. Daily height work permit approved by Executive/AGM/DGM from AIESL be obtained for working at heights before beginning of work.

### **Electricals**

- a. All electrical equipment brought to site, should be checked by the factory/ site electrical supervisory staff of the AIESL, for the suitability of the equipment and certified by them. These certificates should be prominently displayed on the equipment.
- b. All electrical equipment should have proper proper earthing.
- c. The distribution board to have an ELCB of 30 mA capacity to be provided for the hand tools circuits.
- d. All connections through the distribution board to be made with a plug and socket and no loose wires, with wooden splinters.
- e. All hand tools to be earthen.



- f. All welding equipment to be provided with a cutout switch. The welding cables should be of adequate length for the earthing of the job and usage of rods etc. is not permitted.
- g. All wires/cables to run only above ground level at a height of min. 2.5 m.
- h. All outdoor light fixtures left unattended for the night time work must be checked for water tightness.
- i. While working with operating equipment they should be disconnected electrically and the fuses to be handed over to the supervisor of AIESL for safe keeping.

**Vehicular traffic: (Applicable to vehicle owned by the contractor)**

- a. All vehicles delivering the goods must be driven by licenced driver.
  - b. Cleaners not to drive.
  - c. The vehicle must be in good condition.
  - d. Unsafe acts like carrying people on running boards etc should be avoided.
  - e. When outside vehicles come the contractor to ensure safe discharge of goods and send out immediately.
  - f. Wherever possible all heavy machinery and equipment to be unloaded using a crane, or a derrick.
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# AI ENGINEERING SERVICES LIMITED

MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI – 400 029



**Tender No.: AIESL/BOM/MMD/EFD/1382**

**DATE: 28.04.2026**

## Bidders General Information

### **BIDDER'S DETAILS:**

<b>S. No.</b>	<b>Required Details</b>	<b>To be filled by the Bidder</b>
1	Name of the Company	
2	Status of the Bidder – a) Whether a Firm (Proprietary, Partnership), Company, Corporation, Registered Society	
	b) If the Bidder is a partnership firm, then please state whether the signatory has the authority to refer to arbitration, any disputes concerning the business of the partnership agreement or a power of attorney.	
	c) If the Bidder is a Company incorporated under the Companies Act, 1956 / 2013, then the signatory should have the authority to submit the bid on behalf of the said Company and refer to arbitration disputes arising under this Tender and / or Contract by a power of attorney board resolution.	
3	Company office Address of the bidder	
4	Name of the Contact Person Designation Telephone no. / Mobile no. Email Address	
5	GST registration number	
6	PAN Card Number	
7	Copy of valid certificate of registration with agencies / bodies as mentioned under the Clause 'Benefits / Preference for Micro & Small Enterprises (MSEs)' must be submitted.	
8	Please specify the details of the registration certificate:	
	Registration Certificate No.	
	Date of Issue	
	Valid Up to	
	Item covered under Registration Certificate	
9	Do you have any ongoing disputes with any Govt. or statutory agencies? *	
10	Is the bidder a MSE unit owned by a person belonging to Scheduled Caste or Scheduled Tribe	
11	Relaxation to Start-up companies (whether MSME or Non-MSME) as per clause in tender terms will be given provided, they submit the 'Certificate of Recognition' as mentioned in tender document under heading "Exemption of EMD" in tender terms.	
	a) Are you a Start-up Company	
	b) If yes, Certificate of Recognition to be attached.	
12	Any other relevant information	

(\*) – if yes, please provide details.

**Date:**  
**Place:**

**Bidder Signature:**  
**Name & Designation:**  
**Company Name & Seal:**

# AI ENGINEERING SERVICES LIMITED



MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI – 400 029

Tender No.: AIESL/BOM/MMD/EFD/1382

DATE: 28.04.2026

## ❖ **Payment Terms:**

All payments to the successful bidder by AIESL for the services rendered by it shall be subject to the following compliances:

- No request for advance / pre-payment will be entertained.
- 90% of measured value of work shall be paid on satisfactory completion of work and submission of all required documents as per contract.
- 10% shall be retained as Security Deposit for Defects liability period. This amount can also be paid in lieu of a Bank Guarantee for same amount.
- Security deposit as 10% of billing amount will be deducted from each RA/ Final Bill. A bank guarantee for equal amount valid for Contract Period plus Defects Liability period is also acceptable in lieu of Deduction of Security Deposit.
- The Defects Liability period from the date of completion of work. AIESL will retain 10% of contract value as Security Deposit for this period. Contractor will carry out full repair or replacement for any defect / fault arising due to defective work or defective material during this period free of cost within 3 working days. The repaired / replaced items will carry additional warranty for 6 months.
- All interim and final bills will be submitted in duplicate along with 2 copies of duly signed Joint Measurement sheet for the work done.
- TDS/ taxes shall be deducted by AIESL from payment made against these invoices, as per the applicable laws.

**Date:**

**Place:**

**Bidder Signature:**

**Name & Designation:**

**Company Name & Seal:**

# AI ENGINEERING SERVICES LIMITED

MATERIALS MANAGEMENT DIVISION  
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI – 400 029



**Tender No.:** AIESL/BOM/MMD/EFD/1382

**DATE:** 28.04.2026

❖ **Penalty Clause:**

- If the contractor fails to complete the job within the time frame shall be liable to pay the liquidated damage (LD)/penalty charges at the rate 0.5 % per week or part thereof the value of the job subject to maximum of 10% of the value of the undelivered or delayed services. This is to be recovered from the Security Deposit/ Performance Guarantee.
- There should normally be no system of waiver of LDs for delayed services in service/works contracts and it may strictly be an exception rather than a rule. For an extension of the delivery date with waiver of LD, approval of the CA with consultation of associated Finance may be taken and justifications recorded.
- **Penalty for Substandard / defective Quality / Short supply:** At the time of delivery / acceptance of the item / services if it is found that the items / goods / services so delivered are not as per the specifications given in the Contract / Purchase Order then AIESL reserves the right to reject the entire lot and get the entire quantity replaced free of cost by the bidder. The service is acceptable as per the specification provided in the tender and subject to quality control of the user department

❖ **Termination and Exit Clause:**

- In case of unsatisfactory performance or breach of any of the clauses of this contract, AIESL would issue a notice of 30 days to the party to rectify the breach and improve the performance failing which AIESL shall be at liberty to terminate this agreement by providing 30 days written notice to the party. The party shall not have any right to dispute or question the judgment of AIESL of the unsatisfactory performance of the party.
- Notwithstanding the above, AIESL shall also be at liberty to terminate this agreement for any reason including change in situation/circumstances, etc. by providing the party with 90 days written notice. The party shall also be at liberty to terminate this contract by providing AIESL with 90 days written notice. In such an event, the terminating party shall have no right to claim compensation/damages, etc. from the terminating party on account of early termination. However, the party shall duly comply with their respective obligations during the notice period and thereafter, shall discharge the obligations arising out of the agreement till the termination.

**Date:**  
**Place:**

**Bidder Signature:**  
**Name & Designation:**  
**Company Name & Seal:**

	<b>PRODUCTION PLANNING AND MATERIAL MANAGEMENT MANUAL</b>		AIESL/PPMM/NR/NAC1		
		Issue-02	Rev-0	Dec 2023	

**ANNEXURE C  
BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY**

To  
Executive Director - Engineering,  
AIESL.

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WHEREAS .....  
(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no.....dated to supply(description of goods and services)(hereinaftercalled "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;  
NOW THEREFORE, we ..... Bank, hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ..... 20.....

.....  
(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

*NLN*

*Signature*

Document Owner: AI Engineering Services Limited

#### Version

Version	Date	Description
1.0		Service Level Agreement

#### Approval

(By Signing below, all Approvers agree to all terms and conditions outlined in this Agreement.)

Approvers	Role	Signed	Approval Date
AI Engineering Services Limited, WR	Dy.GM-PPMM		
_____	Proprietor/Director/ Authorized Signatory		

#### Agreement Overview

This Agreement represents a Service Level Agreement (“SLA” or “Agreement”) between M/s \_\_\_\_\_ and AI Engineering Services Limited for **Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.**

This Agreement remains valid until superseded by a revised agreement mutually endorsed by the stakeholders.

This Agreement outlines the parameters of all housekeeping services covered as they are mutually understood by the primary stakeholders. This Agreement does not supersede current processes and procedures unless explicitly stated herein.

## **1. Goals & Objectives**

The purpose of this Agreement is to ensure that the proper elements and commitments are in place to provide consistent housekeeping services and support to the AI Engineering Services Limited by the Contractor.

The objectives of this Agreement are to:

- Provide clear reference to service ownership, accountability, roles and/or responsibilities.
- Present a clear, concise and measurable description of service provision.
- Match perceptions of expected service provision with actual service support & delivery.
- Outline services to be offered and working assumptions between the AIESL and Contractor.
- Quantify and measure service level expectation
- Outline the potential methods used to measure the quality of service provided
- Define mutual requirements and expectations for critical processes and overall performance.
- Strengthen communication between AIESL and Contractor.
- Provide a viable/feasible medium for resolving conflicts
- Any other matter which is required to assess the contractor's performance.

## **2. Stakeholders**

The following contractor and AI Engineering Services Limited shall be used as the basis of the Agreement and represent the primary stakeholders associated With this SLA:

M/s. \_\_\_\_\_.

("Contractor") AI Engineering Services Limited

("Customer")

## **3. Periodic Review**

This Agreement is valid from the Effective Date outlined herein and is valid for five months. This Agreement shall be reviewed fortnightly, in lieu of a review during any period specified, the current Agreement shall remain in effect.

The Business Relationship Manager ("Document Owner") is responsible for facilitating regular reviews of this document. Contents of this document may be amended as required, provided mutual agreement is obtained from the primary stakeholders and communicated to all affected parties. The Document Owner shall incorporate all subsequent revisions and obtain mutual agreements/approvals as required.

Business Relationship Manager: GM (Engg.), AI Engineering Services Ltd, or his

nominee.

Review Period: Every Fortnight.

First Review Date: 1st review will be carried out one months after the commencement of the contract and thereafter every three months. (Every quarterly)

#### **4. Service Agreement**

The following detailed service parameters are the responsibility of the contractor in the on-going support of this Agreement.

##### **4.1. Service Scope**

The following Services are covered by this Agreement:

**4.2 Work scope outlined the Tender document:** Tender No.: Dated..... Customer Requirements, Customer responsibilities and/or requirements in support of this Agreement include:

- Certification of the task performed as assigned to the service personnel from time to time.
- Certification of the bills by the designated official, the list shall be provided after 15 days from the commencement date of the contract; in case of any change of designated official, the same shall be intimated in writing to the contractor.
- Payment for all support costs at the agreed interval.
- Reasonable availability of designated supervisor of the contractor when resolving a service-related incident or request.

##### **4.3. Contractor Requirements:**

Contractor responsibilities and/or requirements in support of this Agreement include:

- Meeting response times associated with service & with recommended manpower related incidences.
- Appropriate notification to Customers for all scheduled activity.
- The deployment of personnel by the Contractor will be done subject to suitability.

##### **4.4. Service Assumptions:**

Assumptions related to in-scope services and/or components include:

- Changes to services shall be communicated and documented to all Stakeholders in the addresses indicated below.
- DGM-MMD, AI Engineering Services Limited, MMD, Hangar 3, 2<sup>nd</sup> floor, Old Airport, Kalina,

Santa Cruz East, Mumbai 400029.

- Proprietor, (of the Contractor): Mr. ....

- M/s \_\_\_\_\_,

Email:

.....

.....

4.5 Any other matter which is required to assess the Contractor's performance.

## 5. Service Management

Effective support of in-scope services is a result of maintaining consistent service levels. The following sections provide relevant details on service availability, monitoring of in-scope services and related components.

## 6. General Service Requirements

- 1) **Allocation:** The allocation of service shall be advised by AI Engineering Services Ltd (AIESL) specifying the location and numbers required.
- 2) **Reviews:** Periodical review meetings shall be held between the company & the Contractor to review the quality & quantum of service provided by the Contractor & shall discuss any modifications if required.
- 3) **Service Performance:** The decision of AI Engineering Services Ltd., or any officer authorized by AIESL, shall be final with regard to the satisfactory performance of the services and any matter arising there from shall be binding on the Contractor.
- 4) **Audits:** GM (Engg.)/his representative shall audit the capability of the Contractor, before the commencement of the work of providing housekeeping services. Subsequently, AIESL shall be at liberty to perform periodical audits/spot checks at their discretion.
- 5) **Statutory Payments:** The Contractor shall maintain proper record/register as required under the Contract Labour (Regulation & Abolition) Act 1970 and rules and other relevant enactments thereon. The records/registers shall be produced for verification/ inspection as and when required by AIESL, who shall have powers to conduct checks regarding statutory payments of wages, ESI, EPF, and other applicable statutes for the time being in force.
- 6) **Workforce:** The Contractor shall deploy well behaved

/Skillful employees/workforce of unblemished character and with duly verified antecedents.

- 7) **Workforce –Details & Verification:** The Contractor shall furnish to the company in writing the name, parentage, residential address, educational & technical qualifications, specimen signatures, fingerprints and two recent passport size photographs of all personnel whom he proposes to employ for the purpose of this contract. The company shall be at liberty to forbid the deployment of any person whom it may consider undesirable after verification. The Contractor shall also have the character & antecedents of all persons employed by him verified by the police to the satisfaction of the company before a workman is deployed by the contractor. The proof of antecedent's verification by the prescribed authority shall be submitted to the company before deploying the individual for this contract. The appointment /assignment letter to work under this contract at AIESL – copy to be furnished.
- 8) **Uniform &Accessories:** All employees of the Contractor shall report for duty in proper and suitable attire. They will report for duty in a presentable condition at all times. It is also to be ensured that the said personnel report for punctually as per the office timings.

## **7. Operational Service Requirements:**

- 1) **Liaising:** It shall be the responsibility of the Contractor to maintain continuous liaison with AIESL officials at all levels. The supervisor of the Contractor shall be solely responsible in this regard. In this regard, the officials of AIESL, GM(Engg.)/ his representative.
- 2) **Work- Area:** The Contractor shall ensure that none of its employees or workforce enter Hangars, Shops, Plants, or any other AIESL areas (as per the indicative list, amended from time to time in accordance with company policy) in which they are not specifically authorized to work. Any violation of this requirement shall result in forfeiture of the concerned individual's entry permit, in addition to the imposition of penalties as may be decided by the designated AIESL authority.
- 3) **Items in Office:** In case of missing items/theft on the office, proven to be done by the staff of the Contractor, AIESL at its sole discretion may levy penalty as deemed fit, against the Contractor

and / or the staff concerned.

While performing the Various manpower services by the personnel of the Contractor if any item belonging to AIESL is found, the same shall be deposited immediately with Officials of AIESL against receipt.

- 4) **Statutory facilities:** The Contractor shall ensure that all statutory facilities are extended to the personnel deployed by him.
- 5) **Work Culture:** The Contractor shall ensure that the staff deployed by him shall maintain polite and courteous behavior towards employees & staff of AIESL and also of customer airlines. If AIESL has any misgivings about any individual staff of the Contractor, the said staff shall be removed by the Contractor forthwith.
- 6) The Contractor shall ensure that his staff shall not be under the influence of liquor or any other intoxicants while on duty. In the event of such happenings, the staff shall have to be removed from the services by the Contractor and any damage caused by such of the Contractor 's employees shall be borne totally by the Contractor including, legal expenses. The Contractor staff shall not be loitering around when no work is assigned to them.
- 7) **Service Deficiency:** The Contractor shall make all possible efforts to overcome deficiencies in standards of service brought to their notice within a reasonable time frame (as mentioned in the contract document, penalty clauses).
- 8) **Servicing –Personnel, Office Equipment:** The personnel & office equipment to be used by them as specified in the contract/amendment letter to be provided with.
- 9) Any default on part personnel deployed by the Contractor in terms of attendance, behavior and non-performance shall be recorded in a logbook.
- 10) The Contractor shall ensure that the personnel deployed by him are available in the event of any exigencies of work. If such a requirement arises the Contractor will be informed in advance.
- 11) **Monthly-Bills:** The Contractors shall submit monthly bills duly supported by details of services rendered on a day-to-day basis with the total number deployed each day. The bills will be raised after fulfilling all the compliances as required under the various applicable statutes that are in force.

On receipt of the bills, the Authorized Officials of AIESL shall check the same as per records of the service form.

Any deficiency in service will attract a penalty (as per the contract document), the same shall be reflected on the bill/invoice before forwarding the bill to the Finance Department for final payment. In this connection, records of statutory payments, as mentioned in Section-a, Point-5 above shall also be scrutinized every month before the settlement of bills any discrepancy in this regard shall result in payment getting delayed. The contractor shall ensure that such records are kept proper & updated and submitted with monthly invoices on a regular basis.

7.3. Contractor shall ensure the provisions of all applicable welfare statutes and other applicable statutes will be meticulously complied by him.

### **8. Governing Terms and Conditions**

The terms and conditions that govern the contract shall be as outlined in the contract against Tender Ref. No. **AIESL/BOM/MMD/EPD/1382**  
**DATE: 28.04.2026.**

Signed on \_\_\_\_\_ at \_\_\_\_\_

AI Engineering Services Limited  
Customer

M/S \_\_\_\_\_  
Contractor

### **Service Level Agreement (SLA)**

Successful Bidder is required to sign SLA with AIESL for **Biennial Rate Contract for carrying out various Electrical works, including Electrical Installation, Repairs, Replacement and allied Electrical works at AIESL ,OAP, Mumbai-400029.**