

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण/Bid Details                                                                                          |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| बिड बंद होने की तारीख/समय /Bid End Date/Time                                                                   | 30-09-2026 13:00:00                                                                                                                                                                                                                                                                                                                                                          |
| बिड खुलने की तारीख/समय /Bid Opening Date/Time                                                                  | 01-10-2026 13:00:00                                                                                                                                                                                                                                                                                                                                                          |
| बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)                                      | 180 (Days)                                                                                                                                                                                                                                                                                                                                                                   |
| मंत्रालय/राज्य का नाम/Ministry/State Name                                                                      | Ministry Of Statistics And Programme Implementation                                                                                                                                                                                                                                                                                                                          |
| विभाग का नाम/Department Name                                                                                   | Department Of Statistics And Programme Implementation                                                                                                                                                                                                                                                                                                                        |
| संगठन का नाम/Organisation Name                                                                                 | Indian Statistical Institute                                                                                                                                                                                                                                                                                                                                                 |
| कार्यालय का नाम/Office Name                                                                                    | Indian Statistical Institute Kolkata                                                                                                                                                                                                                                                                                                                                         |
| शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal                                          | HOD Email id :pao1.aries.nainital@gembuyer.in<br>Buyer Email id: buycon7.isi.wb@gembuyer.in                                                                                                                                                                                                                                                                                  |
| वस्तु श्रेणी /Item Category                                                                                    | Operation and Maintenance Of Electrical Systems/Electrical Installations - Complete System                                                                                                                                                                                                                                                                                   |
| अनुबंध अवधि /Contract Period                                                                                   | 6 Month(s)                                                                                                                                                                                                                                                                                                                                                                   |
| बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years) | 30 Lakh (s)                                                                                                                                                                                                                                                                                                                                                                  |
| उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service | 3 Year (s)                                                                                                                                                                                                                                                                                                                                                                   |
| इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है/Past Experience of Similar Services required                        | Yes                                                                                                                                                                                                                                                                                                                                                                          |
| टर्नओवर पात्रता मानदंड/Turnover eligibility criteria                                                           | To be verified by the buyer at the time of technical evaluation                                                                                                                                                                                                                                                                                                              |
| टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover                                           | Yes   Complete                                                                                                                                                                                                                                                                                                                                                               |
| टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Relaxation for Turnover                                   | Yes   Complete                                                                                                                                                                                                                                                                                                                                                               |
| विक्रेता से मांगे गए दस्तावेज़/Document required from seller                                                   | Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC)<br>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |

| बिड विवरण/Bid Details                                                                                                                                                                                                    |                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid? | Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in) |
| बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension                                                                                | 3                                                                                                                                                                      |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended                                                                                                      | 3                                                                                                                                                                      |
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count                                                                                                                                            | 1                                                                                                                                                                      |
| बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled                                                                                                                                                                       | Yes                                                                                                                                                                    |
| रिवर्स नीलामी योग्यता नियम/RA Qualification Rule                                                                                                                                                                         | 50% Lowest Priced Technically Qualified Bidders                                                                                                                        |
| बिड का प्रकार/Type of Bid                                                                                                                                                                                                | Two Packet Bid                                                                                                                                                         |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation                                                                                        | 2 Days                                                                                                                                                                 |
| अनुमानित निविदा मूल्य (सभी करों सहित) भारतीय रुपये में / Estimated Bid Value in INR (Inclusive of all taxes)                                                                                                             | 970000                                                                                                                                                                 |
| मूल्यांकन पद्धति/Evaluation Method                                                                                                                                                                                       | Total value wise evaluation                                                                                                                                            |
| मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है / Financial Document Indicating Price Breakup Required                                                                                                             | Yes                                                                                                                                                                    |
| मध्यस्थता खंड/Arbitration Clause                                                                                                                                                                                         | No                                                                                                                                                                     |
| सुलह खंड/Mediation Clause                                                                                                                                                                                                | No                                                                                                                                                                     |

#### ईएमडी विवरण/EMD Detail

|                             |                     |
|-----------------------------|---------------------|
| एडवाइजरी बैंक/Advisory Bank | State Bank of India |
| ईएमडी राशि/EMD Amount       | 29100               |

#### ईपीबीजी विवरण /ePBG Detail

|                                         |                     |
|-----------------------------------------|---------------------|
| एडवाइजरी बैंक/Advisory Bank             | State Bank of India |
| ईपीबीजी प्रतिशत (%) /ePBG Percentage(%) | 5.00                |

ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).

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(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

(c). ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

#### लाभार्थी /Beneficiary :

Chief Executive (Admin & Finance)

Indian Statistical Institute Kolkata, Department of Statistics and Programme Implementation, Indian Statistical Institute, Ministry of Statistics and Programme Implementation  
(Shri Ravinder Kumar)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई अनुपालन/MII Compliance

|                               |     |
|-------------------------------|-----|
| एमआईआई अनुपालन/MII Compliance | Yes |
|-------------------------------|-----|

#### एमएसई खरीद वरीयता/MSE Purchase Preference

|                                                                                                                                                                                                           |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| एमएसई खरीद वरीयता/MSE Purchase Preference                                                                                                                                                                 | Yes |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$           | 15  |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference | 100 |

1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st

March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.

5. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -

1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or
2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or
3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated cost.

8. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

#### **अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required**

**Please upload scope of work:**[1788338029.pdf](#)

**Format to be uploaded by buyer for the breakup of components on cost/price offered by Service Provider in the Bid:**[1788338040.pdf](#)

#### **Pre Bid Detail(s)**

| मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid<br>Date and Time | प्री-बिड स्थान/Pre-Bid Venue                                                                                                         |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 17-09-2026 12:00:00                                  | Central Store Meeting Room<br>1st Floor, P.N.Hanskar Bhavan<br>Indian Statistical Institute Kolkata<br>203 B.T. Road, Kolkata-700108 |

## Operation And Maintenance Of Electrical Systems/Electrical Installations - Complete System ( 1 )

### तकनीकी विशिष्टियाँ /Technical Specifications

| विवरण/ Specification                                              | मूल्य/ Values                                                                                                                                  |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>कोर / Core</b>                                                 |                                                                                                                                                |
| Operation And Maintenance Service Is Required For                 | Complete System                                                                                                                                |
| Type of Annual Maintenance Service Provider required              | Not Applicable                                                                                                                                 |
| Status/condition of equipment/machine/system (At the time of bid) | Repairing Works                                                                                                                                |
| Cost of consumable/Material                                       | Consumables to be provided by service provider (inclusive in contract cost)                                                                    |
| Cost of spare parts                                               | Spare parts to be provided by service provider (inclusive in contract cost and spare parts should be of OEM or OEM authorized/equivalent only) |
| <b>एडऑन /Addon(s)</b>                                             |                                                                                                                                                |

### क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

|                                                                            |    |
|----------------------------------------------------------------------------|----|
| क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer | No |
|----------------------------------------------------------------------------|----|

### अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

### प्रेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

| क्र.सं./S.No. | प्रेषित/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer | पता/Address                                                                | संसाधनों की मात्रा / Quantity(Please select 1 in case operation and maintenance service is required for complete system, otherwise mention actual quantity for each line item) | अतिरिक्त आवश्यकता /Additional Requirement                                                                                                                |
|---------------|---------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Rabindra Nath Raul                                      | 700108,Indian Statistical Institute Kolkata 203 B T Road, Kolkata - 700108 | 1                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Number of months for which Operations &amp; Maintenance service is required during contract period : 6</li> </ul> |

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

### 1. Generic

OPTION CLAUSE 25% : The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, the contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration.

For lumpsum-based service contracts, the buyer may increase the scope of work and contract value up to 25 percent with the consent of the service provider

### 2. Buyer Added Bid Specific Scope Of Work(SOW)

Text Clause(s)

Electrical repairing works in different units and works in power factor panel in both the sub- stations of the Institute

| Sl. No. | DSR 2025 | Description of Item                                                                                                                                                                                                                                                                     | Qty | Unit |
|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|
| A       |          | Electrical works inside room for RMU of CESC and allied works                                                                                                                                                                                                                           |     |      |
| 1       | 2. 2     | 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. |     |      |
| 1.1     | 2.2.17   | 250 A,50KA,FPMCCB                                                                                                                                                                                                                                                                       | 1   | Each |

|     |        |                                                                                                                                                                                                                                                                                                                                                                                                              |   |      |
|-----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|
| 2   | 2.3    | 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)                                                                                                 |   |      |
| 2.1 | 2.3.2  | 8 way , Double door                                                                                                                                                                                                                                                                                                                                                                                          | 2 | Each |
| 3   | 2.4    | 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).                                                                                 |   |      |
| 3.1 | 2.4.1  | 4 way (4 + 12), Double door                                                                                                                                                                                                                                                                                                                                                                                  | 1 | Each |
| 3.2 | 2.4.2  | 6 way (4 + 18), Double door                                                                                                                                                                                                                                                                                                                                                                                  | 1 | Each |
| 4   | 2.5    | 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.) |   |      |
| 4.1 | 2.5.2  | 8 way (4 + 24), Double door                                                                                                                                                                                                                                                                                                                                                                                  | 1 | Each |
| 5   | 2.10   | 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.                                                                                                                                                                 |   |      |
| 5.1 | 2.10.1 | Single pole                                                                                                                                                                                                                                                                                                                                                                                                  | 4 | Each |
| 5.2 | 2.10.3 | Double pole                                                                                                                                                                                                                                                                                                                                                                                                  | 3 | Each |
| 5.3 | 2.10.5 | Triple pole and neutral                                                                                                                                                                                                                                                                                                                                                                                      | 2 | Each |
| 6   | 2.12   | Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                            |   |      |
| 6.1 | 2.12.1 | 40 A                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | Each |
| 7   | 2.13   | Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                              |   |      |
| 7.1 | 2.13.2 | 63 A                                                                                                                                                                                                                                                                                                                                                                                                         | 1 | Each |
| 8   | 2.11   | Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.                                                                                                                                                                                                                                                                                                            | 2 | Each |
| 9   | 2.24   | 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.                                                                                                                                                                             |   |      |
| 9.1 | 2.24.1 | For 4 way, Double door TPN MCBDB                                                                                                                                                                                                                                                                                                                                                                             | 1 | Each |
| 9.2 | 2.24.2 | For 6 way, Double door TPN MCBDB                                                                                                                                                                                                                                                                                                                                                                             | 1 | Each |

|      |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |       |
|------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|
| 10   | 2.25    | 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.                                                                                                                                                                                                                                                     | 2   | Each  |
| 11   | 1.8     | 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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.                                                                                          |     |       |
| 11.1 | 1.8.3   | Group C                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8   | Point |
| 12   | 1.14    | 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.                                                                                                                                                                                                                                                                          |     |       |
| 12.1 | 1.14.1  | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                           | 120 | Meter |
| 12.2 | 1.14.2  | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40  | Meter |
| 12.3 | 1.14.3  | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20  | Meter |
| 12.4 | 1.14.9  | 4 X 6 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5   | Meter |
| 12.5 | 1.14.11 | 4 X 16 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5   | Meter |
| 13   | 1.58    | Supplying and fixing PVC batten/ angle holder including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                | 12  | Each  |
| 14   | 1.35    | Installation, Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.                                                                                                                                                                                                                                                              | 12  | Each  |
| 15   | 1.33    | Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                      | 12  | Each  |
| 16   | 1.23    | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                   |     |       |
| 16.1 | 1.23.1  | 5/6 amps switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8   | Each  |
| 16.2 | 1.23.3  | 15/16 A switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2   | Each  |
| 16.3 | 1.23.4  | 3 pin 5/6 A socket outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   | Each  |
| 16.4 | 1.23.5  | 6 pin 15/16 A socket outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2   | Each  |
| 17   | 1.42    | 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. | 12  | Each  |

|      |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                       |    |       |
|------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 18   | 1.15                                                                                           | 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.                                           |    |       |
| 18.1 | 1.15.3                                                                                         | Group C                                                                                                                                                                                                                                                                                                                                                               | 12 | Point |
| 19   | 1.10                                                                                           | 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. |    |       |
| 19.1 | 1.10.3                                                                                         | Group C                                                                                                                                                                                                                                                                                                                                                               | 2  | Point |
| 20   | 10. 7                                                                                          | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.                                                                                                                                                                                                                      |    |       |
| 20.1 | 10.7.1                                                                                         | Upto 35 sq. mm (clamped with 1mm thick saddle)                                                                                                                                                                                                                                                                                                                        | 3  | Meter |
| 20.2 | 10.7.2                                                                                         | Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)                                                                                                                                                                                                                                                                                                | 3  | Meter |
| 21   | 11. 1                                                                                          | Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.                                                                                                                                                               |    |       |
| 21.1 | 11.1.34                                                                                        | 4 X 35 sq. mm (32mm)                                                                                                                                                                                                                                                                                                                                                  | 4  | Each  |
| 21.1 | 11.1.35                                                                                        | 4 X 50 sq. mm (35mm)                                                                                                                                                                                                                                                                                                                                                  | 2  | Each  |
| 22   | 5. 6                                                                                           | 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 metre long etc. with charcoal/ coke and salt as required.                                                                                                                   | 2  | Set   |
| 23   | 5. 8                                                                                           | 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 spaced at 50mm).                                                                             | 20 | Meter |
| 24   | 5.17                                                                                           | Providing and fixing 4.00 dia copper wire for loop earthing as required.                                                                                                                                                                                                                                                                                              | 10 | Meter |
| B    | Repairing of DB panels and electrical arrangement for ACs in PSU at 5th floor of Main Building |                                                                                                                                                                                                                                                                                                                                                                       |    |       |
| 1    | 2. 2                                                                                           | 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.                                                                               |    |       |
| 1.1  | 2.2.13                                                                                         | 100 A,30KA,FPMCCB                                                                                                                                                                                                                                                                                                                                                     | 1  | Each  |

|      |        |                                                                                                                                                                                                                                                                                                                                                                                                              |    |       |
|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 2    | 2.5    | 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.) |    |       |
| 2.1  | 2.5.2  | 8 way (4 + 24), Double door                                                                                                                                                                                                                                                                                                                                                                                  | 3  | Each  |
| 3    | 2.10   | 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.                                                                                                                                                                 |    |       |
| 3.1  | 2.10.1 | Single pole                                                                                                                                                                                                                                                                                                                                                                                                  | 6  | Each  |
| 3.2  | 2.10.3 | Double pole                                                                                                                                                                                                                                                                                                                                                                                                  | 8  | Each  |
| 3.3  | 2.10.5 | Triple pole and neutral                                                                                                                                                                                                                                                                                                                                                                                      | 2  | Each  |
| 5    | 2.13   | Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                              |    |       |
| 5.1  | 2.13.2 | 63 A                                                                                                                                                                                                                                                                                                                                                                                                         | 3  | Each  |
| 6    | 2.11   | Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.                                                                                                                                                                                                                                                                                                            | 2  | Each  |
| 7    | 2.24   | 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.                                                                                                                                                                             |    |       |
| 7.1  | 2.24.1 | For 4 way, Double door TPN MCBDB                                                                                                                                                                                                                                                                                                                                                                             | 2  | Each  |
| 7.2  | 2.24.2 | For 6 way, Double door TPN MCBDB                                                                                                                                                                                                                                                                                                                                                                             | 2  | Each  |
| 8    | 2.25   | 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.                                                                                                                                                                             | 2  | Each  |
| 9    | 1.8    | 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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.                  |    |       |
| 9.1  | 1.8.3  | Group C                                                                                                                                                                                                                                                                                                                                                                                                      | 3  | Point |
| 10   | 1.14   | 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.                                                                                                                                                                                                  |    |       |
| 10.1 | 1.14.1 | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                   | 20 | Meter |
| 10.2 | 1.14.2 | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                   | 50 | Meter |
| 10.3 | 1.14.3 | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                       | 20 | Meter |
| 10.4 | 1.14.9 | 4 X 6 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                                                       | 10 | Meter |

|      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |       |
|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|
| 11   | 1.33   | Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                      | 3 | Each  |
| 12   | 1.23   | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                   |   |       |
| 12.1 | 1.23.1 | 5/6 amps switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6 | Each  |
| 12.2 | 1.23.3 | 15/16 A switch                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2 | Each  |
| 12.3 | 1.23.4 | 3 pin 5/6 A socket outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 | Each  |
| 12.4 | 1.23.5 | 6 pin 15/16 A socket outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2 | Each  |
| 13   | 1.42   | 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. | 6 | Each  |
| 14   | 1.15   | 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.                                                                                                                                                          |   |       |
| 14.1 | 1.15.3 | Group C                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 | Point |
| 15   | 1.10   | 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.                                                                                                                |   |       |
| 15.1 | 1.10.3 | Group C                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6 | Point |
| 16   | 1.25   | 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.                                                                                                                                                                                                                                                                                                   | 6 | Each  |
| 17   | 1.57   | 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.                                                                                                                                                                                                                                 | 3 | Each  |
| 18   | 1.27   | Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.                                                                                                                                                                                                                                                                                                                                          |   |       |
| 18.1 | 1.27.1 | 1 or 2 Module (75mmX75mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | Each  |
| 19   | 10.7   | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.                                                                                                                                                                                                                                                                                                                                     |   |       |
| 19.1 | 10.7.1 | Upto 35 sq. mm (clamped with 1mm thick saddle)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 | Meter |

|      |                                                                                 |                                                                                                                                                                                                                                                                                                                             |    |       |
|------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 20   | 5. 6                                                                            | 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 metre long etc. with charcoal/ coke and salt as required.                                                                         | 2  | Set   |
| 21   | 5. 8                                                                            | 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. (Joining shall all be done by overlapping and with 2 sets of brass nut bolt & spring spaced at 50mm).                                | 20 | Meter |
| C    | Modification of fan arrangement in new building beside Transport Unit           |                                                                                                                                                                                                                                                                                                                             |    |       |
| 1    | 1.15                                                                            | 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. |    |       |
| 1.1  | 1.15.3                                                                          | Group C                                                                                                                                                                                                                                                                                                                     | 34 | Point |
| 2    | 1.14                                                                            | 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.                                                                                                                 |    |       |
| 2.1  | 1.14.1                                                                          | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                  | 68 | Meter |
| D    | Repairing of wiring systems in some portions of Admin building and allied works |                                                                                                                                                                                                                                                                                                                             |    |       |
| 14   | 1.15                                                                            | 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. |    |       |
| 14.1 | 1.15.3                                                                          | Group C                                                                                                                                                                                                                                                                                                                     | 2  | Point |
| 18   | 1.27                                                                            | Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.                                                                                                                                                                                 |    |       |
| 18.1 | 1.27.1                                                                          | 1 or 2 Module (75mmX75mm)                                                                                                                                                                                                                                                                                                   | 2  | Each  |
| 15   | 1.14                                                                            | 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.                                                                                                                 |    |       |
| 15.1 | 1.14.1                                                                          | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                  | 60 | Meter |
| 15.2 | 1.14.2                                                                          | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                  | 10 | Meter |
| 10.3 | 1.14.3                                                                          | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                      | 20 | Meter |
| 10.4 | 1.14.9                                                                          | 4 X 6 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                      | 20 | Meter |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 8.11 | LED Batten light (System lumen efficacy >135 lm/Watt)<br>Supplying, installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140- 270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, Flicker free (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Color 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 >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). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm) |                                                                                                                                                                                                                                                                                                                                                                                                              |         |
|      | 8.11.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 18- 22 Watt                                                                                                                                                                                                                                                                                                                                                                                                  | 10 Each |
| E    | Repair of electrical system for the ductable AC units at north side of the Library Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                              |         |
| 1    | 2. 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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.) |         |
| 1.1  | 2.5.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8 way (4 + 24), Double door                                                                                                                                                                                                                                                                                                                                                                                  | 3 Each  |
| 2    | 2.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                              |         |
| 2.1  | 2.13.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 63 A                                                                                                                                                                                                                                                                                                                                                                                                         | 2 Each  |
| 3    | 5. 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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 metre long etc. with charcoal/ coke and salt as required.                                                                                                                                                          | 2 Set   |

|      |          |                                                                                                                                                                                                                                                                                                                                                                       |    |       |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 4    | 5. 8     | 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. (Joining should all be done by overlapping and with 2 sets of brass nut bolt & spring spaced at 50mm).                                                                         | 20 | Meter |
| 5    | 1.15     | 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.                                           |    |       |
| 5.1  | 1.15.3   | Group C                                                                                                                                                                                                                                                                                                                                                               | 16 | Point |
| 6    | 1.10     | 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. |    |       |
| 6.1  | 1.10.3   | Group C                                                                                                                                                                                                                                                                                                                                                               | 6  | Point |
| 7    | 1.14     | 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.                                                                                                                                                           |    |       |
| 7.10 | 1.14.1   | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                            | 20 | Meter |
| 7.2  | 1.14.2   | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                            | 20 | Meter |
| 7.3  | 1.14.3   | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                | 30 | Meter |
| 7.4  | 1.14.9   | 4 X 6 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                | 40 | Meter |
| 7.5  | 1.14.11  | 4 X 16 sq. mm + 2 X 6 sq. mm earth wire                                                                                                                                                                                                                                                                                                                               | 20 | Meter |
| F    |          | Repair and maintenance of automatic power factor correction panel in two sub-stations of main campus                                                                                                                                                                                                                                                                  |    |       |
| 1    | 2. 2     | Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in an existing cubicle panel board including drilling holes in cubicle panel, making connections, Ics=100% Icu and Operational Voltage 690V etc. as required.                                                                            |    |       |
| 1.1  | 2. 2.18  | 400 A,50KA,FPMCCB                                                                                                                                                                                                                                                                                                                                                     | 3  | Each  |
| 1.1  | WO 25-26 | Repairing/ replacement of capacitors in the capacitor bank of APFC bank and all allied works.                                                                                                                                                                                                                                                                         | 14 | Each  |
| 2    | WO 25-26 | Replacement of contactors for APFC panel                                                                                                                                                                                                                                                                                                                              | 5  | Each  |
| 3    | WO 25-26 | Replacement of TNC switch                                                                                                                                                                                                                                                                                                                                             | 4  | Each  |
| 4    | WO 25-26 | Replacement of LED indicating lamps and panel locks                                                                                                                                                                                                                                                                                                                   | 6  | Each  |
| 3    | WO 25-26 | Repairing and Servicing of 250 kVAR APFC panels including contactors, relays, CTs, PTs, meters and all allied works.                                                                                                                                                                                                                                                  | 2  | Each  |
| 4    | WO 25-26 | Repairing and Servicing of 250 kVAR APFC panels including contactors, relays, CTs, PTs, meters and all allied works.                                                                                                                                                                                                                                                  | 2  | Each  |

### 3. Buyer Added Bid Specific Scope Of Work(SOW)

File Attachment [Click here to view the file.](#)

#### 4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

### **Additional Terms & Conditions :**

- The bidder should have **valid Electrical Contractor License** as on last date of the bid. Documentary evidence in this regard need to be submitted.
- The bidder must have a full-fledged service office at Kolkata or its adjacent are as (in Howrah, Hooghly and in North 24 Parganas and South 24 Parganas, Nadia districts). Documentary evidence in this regard need to be submitted.
- **An authorised supervisor of the company with a valid Electrical Supervisor's Certificate of Competency (Parts 1, 2, 11)/ Electrical Supervisor y of Competency License (Parts 1, 2, 11) should be present at the time to supervise the work.**
- The Bidder should **upload at least one contract orders having 50% of th e Estimated bid value (i.e. 50% of Rs. 9,70,000/-)** in a single contract duri ng any of the last three financial years (FY 2023-24, 2024-25, 2025-26) in any G overnment/Govt. autonomous/ Public Sector Undertakings/ Multi National Comp any.
- The Bidder would be responsible for the safety and security of the deployed pe rsonnel.
- All electrical debris should be clear from the sight after completion of the work.
- All electrical points should be marked properly and single line diagram of the w hole system should be provided after completion of the work.
- Bidder have to submit the original EMD within 3 working days from the bid end date.
- Bidder have to submit the original Security deposit in form of ePBG within 7 wo rking days from the placement of Work Order.
- **Multiple bids received from the same IP ADDRESS will be cancelled.**
- Bidder should mandatorily inspect the site with prior appointment with In-Char ge, Electric Maintenance Unit (9775551613) at their own cost & get the Annexur e-A as per the format signed by the authorized official of ISI before the Bid closure.
- Bidders need to **mandatorily submit the Annexure-A & Annexure-B** with p roper sign & seal, without which the bid will be rejected during Technical Evalua

tion.

**Annexure-A**

**To whom so ever it may concern**

**Ref: Bid No. GeM/2026/B/..... dt .....**

This is hereby confirm that We/I ..... (Bid der's Name) have thoroughly visited the site for the work on ..... (date) in presence of Site Engineer/ Representative of EMU (Mr. ....) We are fully responsible for the smooth completion of the entire work as per the Bid clause & I/ we will also supply all the required material(s)/ spare part(s) with proper specification within the quoted price.

Sign of Representative of EMU/ ISI  
with seal

Signature of Bidder

Place :

Date :

**Annexure-B**

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**TO WHOM SO EVER IT MAY CONCERN**

**DECLARATION REGARDING RELATIONSHIP BETWEEN EMPLOYEE AND BIDDER**

Ref Bid No. GEM/2026/B/.....dated .....

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This is hereby confirm that I/We, the authorized signatory of M/s. ....  
.....(Name of the Bidder), hereby certify and declare that the employee/personnel named .....  
working in our firm/company having Certificate/ License no. ....  
....., whose valid Electrical Supervisor's Certificate of C

ompetency (Parts 1, 2, 11)/ Electrical Supervisory of Competency License (Parts 1, 2, 11) is provided by me as the technical document.

Signature of Bidder with seal

#### 5. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

### अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer, is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope

of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

**This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.**

**However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.**

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---