



inStem

Ref. No. INS/L-5155/2023-2024(A)

Date: 18.07.2023

**2 PART TENDER FOR SUPPLY OF HVAC ELECTRICAL TYPE SPARES -(QUANTITY- 1 Set.)
(REFER ANNEXURE-A FOR DETAILED BILL OF QUANTITIES (BOQ) & TECHNICAL SPECIFICATIONS)**

**Last date for submission: 01/08/2023 till 14.00 hrs
Tender opening date & time: On 01/08/2023 at 14.30hrs**

General Terms and Conditions:

Important instructions for the Tenderers: -

The details in regard to technical specification and other terms and conditions should be cogent and clear to the extent possible.

1. Tenders are invited under 2 part system from reputed Manufacturers / Suppliers for Supply of HVAC Electrical Type Spares.

1.1 Quotations must be submitted giving complete details using enclosed tender papers. Quotations received after the due date shall be rejected.

1.2 The rates quoted should remain valid for a period of 180 days from the date of Price Bid opening.

1.3 Each page of the tender except the Price & Delivery part shall be on printed letterheads or forms and bear the signature, date, name and designation of the person signing the offer. If they are not on letterheads, a rubber stamp indicating full name, address and phone No., Telex No., Fax No. etc. of the firm shall be affixed at the end of each page.

1.4 Bids containing erasures or alterations are liable to be rejected unless countersigned by the authorized signatory.

1.5 All rates and total amount should be written both in figures and in words and if there is any discrepancy between the two, the lowest amount only will be considered.

1.6 We reserve the right to place order for part/reduced quantity than what is specified in the tender and also reserve the right to split the order to more than one supplier.

1.7 Please return/upload the tender papers including Conditions of Tender as well as the Annexures with your signature, rubber stamp and date affixed on each page.

1.8 All bids in response to this invitation of tender should be submitted in a manner and method specified above. Tender which do not comply with the above conditions are liable to be rejected.

1.9 Late and delayed tenders will not be considered. Therefore, tenderers shall ensure that the tenders are uploaded on or before the due date and time stipulated for receipt of bids.

1.10 Individuals signing the bid form and other supporting documents must specify the capacity in which they sign, like

- a) Whether signing as a Sole Proprietor of the firm or his attorney.
- b) Whether signing as a partner of the firm or his attorney
- c) Whether signing as Director of a Limited Company.

2. CATALOGUE/TECHNICAL LITERATURE

All necessary catalogue/drawing literature/data and details of item/s as are considered to be essential for full and correct evaluation of the bid shall invariably accompany the bid.

3. Micro and Small Enterprises (MSEs):

a. Micro and Small Enterprises (MSE) must, along with their offer, provide proof of their being registered as MSE (indicating the terminal validity date of their registration) for the item tendered, with any agency mentioned in the notification of the Ministry of Micro, Small and Medium Enterprises (Ministry of MSME)

b. The MSEs are exempted from payment of earnest money and tender fees subject to furnishing of relevant valid certificate for claiming exemption as per privilege rules of Government of India.

c. The bidder submits registration of Udyog Adhar Memorandum (UAM) by Ministry of Micro Small and Medium Enterprises (MSME) vendors on Central Public Procurement Portal (CPPP). The bidders who fail to submit UAM number shall not be able to avail the benefits available to MSEs as contained in Public Procurement Policy for MSEs Order 2012 issued by MSME.

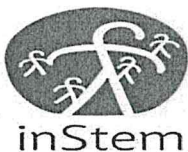
4. PRICE

The Tenders to be quoted in INR. For imported goods, to be quoted in currency of the approved currency from RBI. The price/s quoted shall be firm till the complete execution of the order. All details relating to price, price breakup, inland transportation, documentation, taxes and duties, levies, Road/AIR/Marine freight charges, delivery terms (ex-works/F.O.R/F.O.B/C.I.F.) mode of payment, mode of Despatch, Insurance, Agency Commission, if any, shall be paid after satisfactory installation & Commissioning of the goods. The quoted price

GKVK, Bellary Road, Bangalore 560 065. India

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should be supported with original proforma invoice. The proforma invoice should indicate the percentage of agency commission included in the FOB prices. Indian Agent to be paid in Indian currency. For indicating the price, the tenderers may choose any/all of the following:

- a) Ex-works (all other charges to be indicated separately).
- b) F.O.R. site (i.e. Freight, Packing & Forwarding, loading on to the transport, documentation etc. included.) Internal transportation, Freight, Insurance, etc. to be shown separately.
- c) F.O.B (cost of goods, Packing & Forwarding, Inland Transportation, Documentation, etc. till the item is loaded on to the cargo carrier). Freight & Insurance charges to be separately indicated.
- d) C.I.P (cost of goods, packing & forwarding, documentation, freight, insurance, etc. all included). However, freight & insurance charges to be indicated separately. **INSURANCE TO BE COVERED TILL NCBS/inStem STORES.**

5. ELIGIBILITY FOR PARTICIPATION: -

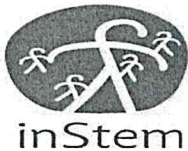
Eligibility Criteria: This invitation for bids is open to Original Manufactures (OEM) /Authorized Dealers/Authorized Distributors/Subsidiary Indian Company of the OEM /Indian Agent on behalf of the Foreign Manufacturer or Principals of the tendered equipment. The bidder must be legal entity having a Permanent Account Number (PAN), Certificate of Incorporation, and Valid GST Registration Certificate is to be submitted

- i. This invitation is for “Class - I” and “Class - II” Suppliers as prescribed in “Public Procurement (Preference to Make in India) order 2017 of GOI. Dept of DIPP” (OM No. P-4502/2/2017-PP(BE-II) dated 16th September, 2020. Necessary certification for local content must be submitted by the prospective bidders strictly as per Annexure attached with the tender document.
- ii. For indicating the price, the tenderers may choose any/all of the following: The ‘Class-I Local Supplier’ / ‘Class-II Local Supplier’ at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for ‘Class-I Local Supplier’ / ‘Class-II Local Supplier’ as the case may be.
- iii. Indigenous manufacturers and their authorized dealers are eligible and they will be considered as Local Supplier Class – I/II for price preference as per GOI Notification vide OM bearing No. F-45021/2/2017-PP(BE-II) dated 04th June, 2020 and again on 16th September 2020 issued by Department of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce & Industry, Govt. of India.
- iv. In pursuant of the clarification vide GOI Notification vide OM bearing No.P-45021/102/2019-PP(BE-II) (E-29930) dated 26.11.2020 issued by Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, GOI that bidders offering imported products will fall under the category of Non-Local Suppliers and they can’t claim themselves as Class – I Local Supplier / Class – II Local Supplier by claiming profit, warehousing, marketing, logistic, freight etc., as Local Value addition.
- v. In pursuant of the OM bearing No.F.N.6/18/2019-PPD dated 23.07.2020 issued by Public Procurement Div., Department of Expenditure, Ministry of Finance, Govt. of India the manufacturer/supplier are not eligible for participation if they are from such country which shares the land border with India. Offered items manufactured in such countries will not be considered. As per O.M No. F.No.6/18/2019-PPD, dt.23/07/2020, the following condition to be fulfilled and the bidder to submit the following declaration on their Letter head.
 - I. 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.
 - II. “Bidder” (including the term ‘tenderer’, ‘consultant’ or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
 - III. “Bidder from a country which shares a land border with India” for the purpose of this Order means:

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- a. An entity incorporated, established or registered in such a country; or
 - b. A Subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
6. The taxes (State, Central, Turnover tax, Works Contract Tax, etc.). Please specify which are applicable. The duties and other levies, freight, insurance shall be stated clearly and separately. Also please mention whether the same is included in the price/s quoted.
7. VALIDITY OF BIDS
The bids shall be valid for a period of at least 180 days from the date of opening of the Price bids. Bids with shorter validity period are liable for rejection.
8. DELIVERY
The tenderer should clearly mention the time required for supplying the item. The period of delivery will be counted from the date of receipt of the order. The delivery date is the date at which the equipment should be delivered at **inStem, Stores**. Please indicate extra charges, if any.
9. PACKING
The item should be packed appropriately so that it can sustain transit hazards, multiple landing, warehousing, etc. during transit.
10. PLACE OF DELIVERY
ALL DELIVERIES shall be effected to the INSTITUTE FOR STEM CELL SCIENCE AND REGENERATIVE MEDICINE, GKVK Campus, Bellary Road, Bangalore-560065.
11. GUARANTEE/WARRANTY
The item/s covered under this tender shall be subject to a guarantee for trouble free performance, workmanship, material etc., fulfilling the specifications mentioned in this tender for **12 months** from the date of commissioning. If any defect is found in the material, workmanship or performance during the guarantee period the same may either be repaired/replaced by the supplier as the case may be free of charge. The guarantee period for replacement of parts or repair work shall be same as above. A guarantee certificate to this effect should be forwarded to us with your invoice. For order placed on foreign suppliers, the supplier shall specifically confirm that their Indian representatives, if any, will provide with after sales service and will attend to any repairs or technical problems that may arise.
12. TAXES AND DUTIES
The Institute shall deduct all taxes and duties, as applicable, from time to time from the bills payable.
Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services under section 194J, the tax reduction shall be at the rate of 10%. The fee for technical service under section 194J shall be subject to TDS at the rate of 2%. In case service provider does not provide PAN number, the deduction shall be at 20% under section 206 AA. -Tax Deduction Certificates will be provided on request for non PAN holders & Foreign Vendors and PAN holders could avail them through NSDL site dealing with 26AS.
13. PAYMENT TERMS
The payment shall be made within one month from the date of submission of invoice.

14. CLARIFICATIONS

After opening the bids, if it becomes necessary for the purchaser to seek clarifications from the bidders, the same will be sought from the bidders. In such an event, the bidders will furnish all technical information / clarifications to the purchaser to reach on or before the due date fixed for that purpose, indicating the Purchaser's tender reference. If the technical clarifications sought do not reach on or before the date fixed, the bids shall be summarily rejected without any further notice.

15. RISK CLAUSE

Notwithstanding the other terms therein, the Institute at its option will be entitled to terminate the contract and to avail from elsewhere; at the risk and cost of contractor; either the whole of the contract or any part which the contractor has failed to perform within the time stipulated or if the same performance is not available, the best and the nearest available substitute thereof. The contractor shall be liable for any loss which the Institute may sustain by reason of such risk contract in addition to penalty.

16. DISPUTE AND RESOLUTION

Any dispute or differences that may arise between the parties that cannot be settled by mutual discussion at appropriate levels shall be referred to the sole arbitration of the Director, inStem or his nominee and his decision in the matter shall be final and binding upon the parties to the dispute. The venue for arbitration proceedings shall be Bangalore. In respect of any matters pertaining to such arbitration, the courts of law in Bangalore will have exclusive jurisdiction. This arbitration agreement (hereinafter referred to as this "Agreement") relating to this Contract (hereinafter called the "Main Agreement" for this agreement) is made under the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time and the rules thereunder (hereinafter called the Arbitration Act).

17. The Price shall be for inStem Stores.

18. inStem reserves the right to split the quantities or reject one or more offers in full or part without any reasons. Therefore, decision of inStem is final and binding.

19. The quantity mentioned in the tender may be decreased/increased while ordering. However, the price quoted should be firm irrespective of change in the quantity.

21. ACCEPTANCE OF TENDERS

inStem does not pledge itself to accept the lowest/ any tenders and reserves to itself the right to accept the whole or part of the tenders or a part of the quantity offered.

22. Your Service Engineer should be fully trained to install the equipment and capable of maintaining the equipment during / after the warranty period.

23. LIQUIDATED DAMAGES

The successful bidder will agree that in case the item is not supplied within the agreed delivery schedule and after a grace period of seven days, then Liquidated Damages (not in terms of penalty) will be imposed automatically and be deducted from their bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

Please enter unit price, Total Price and Grand Total in figures as well as words. Unit price and Total Price may be entered below each item.

24. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except advolerum duty of 5% + 2% cess and 1% Cess Sec & High Edu. CESS vide Notification No.51/96 Customs dt: 23.07.1996, Notfn No. 28/2003- custom dt.: 01.03.2003, Notfn., as amended from time to time for research purposes only. This Registration is subject to terms and conditions mentioned overleaf. This registration is valid up to 31.08.2025).

25. FORCE MAJEURE CLAUSE:

a) Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to the acts of the purchaser either in its sovereign or contractual capacity, wars or revolution, hostility, acts of the public enemy, civil commotion, sabotage,



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fires, floods, explosions, epidemics, quarantine restrictions, strikes, lock-outs, and freight embargoes. However, it should not be used by a party to effectively to escape liability for bad performance.

If there is delay in performance or other failures by the supplier to perform its obligation under its contract due to event of a Force Majeure, the supplier shall not be held responsible for such delays/failures.

If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof within 21 days of occurrence of such event with reasonable evidence thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means of performance not prevented by the force majeure event.

If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of force majeure for a period exceeding 90 days, either party may at its option terminate the contract without any financial repercussion on either side.

b) There may be a Force Majeure situation affecting the institute only, under which the institute shall have equal rights to claim relief under such Force Majeure situations.

26. Debarment of bidders by the institute for committing of offences or breach of contract will be governed by the provisions of Government of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division OM No. F/1/20/2018-PPD dated 02.11.2021 / relevant GFR provisions and based on approval of Nodal Ministry.

27. Kindly provide HSN Code for the products quoted against Enquiry.

For and on behalf of
Institute for Stem Cell Science and Regenerative Medicine
Sr Admin Officer-Purchase

Ref No: INS/L-5155/2023-2024(A)
Date: 18-07-2023
Bill of Quantities (BOQ) and Technical specifications for Supply of HVAC Electrical Type Spares:-

SI	Description	Specification	Units	Qty
1	Button Cell	Preferable Make or Equivalent Make : Duracell, Type : AG 13/LR44, Voltage : 1.5 Volts, Multipurpose Alkanline Button Cell, Dimensions: 1.16 x 0.54 x 1.16 cm	Nos.	10
2	Add On Auxiliary Contact Block	Preferable Make or Equivalent Make : L&T, Type : Front Mounting Add On Auxiliary Contact Block for MNX Series contactors, Auxiliary Contacts: 1 NC	Nos.	2
3	Stepdown Transformer 230 V to 24 V AC	Single Phase Stepdown Transformer, Range 230V to 24V, Capacity: 50VA, Input Supply: 230V 50HZ, Winding Material Enamelled Copper Wire, Secondary Voltage: 24V, Cooling Type: Dry/Air type.	Nos.	10
4	Capacitor (Type : Motor Start Capacitor for Air Conditioner)	Preferable Make or Equivalent Make : ARISTO, CAPACITANCE RANGE :80-100 MFD, VOLTAGE : 230 VOLTS, ACPART NUMBER : HLR3800-3F3C-4	Nos.	10
5	Capacitor	Preferable Make or Equivalent Make : Havells, Casing : Plastic, Terminal : Copper wire , Motor run Capacitor, Range : 12 MFD \pm 5%, 440 VAC 50/60 HZ,	Nos.	2
6	Capacitor: 1 MFD	Capacitor 1 MFD, Voltage: 450VAC, 50/60HZ	Nos.	1
7	Digital Timer Controller	Preferable Make or Equivalent : : Quick Sense, Preferable or Equivalent Model : QS-T3, Voltage : 230 Volts AC, Type : Din Type Digital Timer Controller-Programmable for Daily/Weekly, Display : LCD, Load capacity : 30 Amps.	Nos.	10
8	Phase Failure Relay with Voltage Balance	Phase Failure Relay Aux Supply: 230VAC, Mounting: Din Rail, Phase Unbalance: 30V to 70V (adjustable), Resetting Mode: Auto/Manual/Remote.	Nos.	5
9	Ammeter for HVAC Electrical Panel	Accuracy: Amps - Cl1.0, True RMS values, Bright red LED Display Full 4 Digits, 0.1% Resolution, 14mm heigh, Intuitive dual function key, Make: Schneider (DM3110 1.0).	Nos.	10



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10	Multi-Function Meter for HVAC Electrical Panel	Sensing: True RMS, one sec update time, 4 quadrant power & 2 quadrant energy. Aux Supply: 44 to 300 VAC/DC CAT III 50/60 Hz, Display: Alphanumeric bright LED, Resolution: RMS four digits, INTG 8 digits, Make: Schneider (Conzerv EM6438_EM6436 Dual Source).	Nos.	5
11	Ventilation fan for Electrical Panel	Preferable Make or Equivalent Make: Rexnord/Any reputed make, Sweep Dia: 12 CM, Fan RPM: 2600, Rating: 15 Watt/230V/50HZ, Material: Aluminium.	Nos.	10
12	Type H Wire Connector	Range : 10 Amps, 250 Volts, Type : 12 Position Dual Row Type H Wire Connector, Connector Type : Screw, Item Dimension : LxWxH 20 x 15 x 5 cm	Nos.	30
13	Type H Wire Connector	Range : 20 Amps, 380 Volts, Type : 12 Position Dual Row Type H Wire Connector, Connector Type : Screw, Item Dimensions : LxWxH 5.51 x 3.94 x 0.79 inches	Nos.	10
14	Motor protection Circuit breaker(MPCB)	Preferable Make or Equivalent Make: L&T/Supernova, Model : MOG-H1(Rotary Type), Type of Protection : With Short Circuit and Overload Protection, Thermal Release Range : 1.6-2.5 Amps, Rating : 2.5 Amps.	Nos.	2
15	Motor protection Circuit breaker(MPCB)	Preferable Make or Equivalent Make : L&T/Supernova, Model : MOG-H1M(Rotary Type), Type of Protection : Short Circuit Protection only, Short Circuit Release Range : 81.9 Amps, Range : 6.3 Amps.	Nos.	2
16	POTENTIAL TYPE MOTOR STARTING RELAY (TYPE : FOR AIR CONDITIONING)	Preferable Make or Equivalent Make : GOODSPEC, MODEL NO : HLR3800-3F3C-4, COIL WORKING VOLATGE : 107 - 502 VOLTS AC, RATED OPERATIONAL CURRENT(Ie) - 16 AMPS	Nos.	5
17	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 1.5 HP/2 KW, NOTE : Sample will be given	Nos.	5
18	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 10 HP/7.5 KW, NOTE : Sample will be given	Nos.	2
19	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 1 HP/0.75 KW, NOTE : Sample will be given	Nos.	5
20	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 25 HP, 18.5 KW, NOTE : Sample will be given	Nos.	2
21	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 2 HP/1.5 KW, NOTE : Sample will be given	Nos.	5

22	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 3 HP/2.2 KW, NOTE : Sample will be given	Nos.	5
23	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 5 HP/3.7 KW, NOTE : Sample will be given	Nos.	5
24	Motor terminal Block	Type : for 3 phase 440 Volts Induction Motor, 6 Pin. Range : 7.5 HP/5.5 KW, NOTE : Sample will be given	Nos.	5
25	Thermal Overload Relay(OLR)	Preferable Make or Equivalent Make : L & T, Range : 1.4 - 2.3 Amps, Type : MN-2 Thermal overload Relay, Reset Type : Automatic/Manual.	Nos.	2
26	Thermal Overload Relay(OLR)	Preferable Make or Equivalent Make : L & T, Range : 2 - 2.3 Amps, Type : MN-2 Thermal overload Relay, Reset Type : Automatic/Manual.	Nos.	2
27	Phase Failure Relay	Preferable Make or Equivalent Make : Minilec, Preferable or Equivalent Model : VSP D1, Rated Voltage : 230 Volts AC, Contact Rating: 5 A, 230 Volts AC, Output Contacts : 1 CO	Nos.	5
28	Actuator	Preferable Make or Equivalent Make: Flowcon, Preferable or Equivalent Model : FN.0.2, Power supply: Supply voltage 24V AC/DC $\pm 10\%$, 50/60 Hz, Type: Electrical, Bi-directional synchronous motor, Control signal : Analog 0(2)-10V DC, Feedback : 0(2)-10V DC	Nos.	2
29	Single Pole Contactor (Type :for Air Conditioning)	Preferable Make or Equivalent Make : CHINT ELECTRIC, MODEL NO : NCK3-40/1, VOLTAGE : 230 VOLTS AC, FULL LOAD AMPS (FLA) : 40 AMPS, LOCKED ROOTOR AMPS (LRA) : 240	Nos.	5
30	Terminal Block	Preferable Make or Equivalent Make: Connectwell, Preferable or Equivalent Model : CTS2.5, Material : Melamine, Connection lugs range : 0.2-4 sqmm, Rated Current (A): 32 Amps, Rated Voltage: 800 V, Color: Beige, Mounting: DIN 32 Rail	Nos.	100

31	Terminal Block	Preferable Make or Equivalent Make : Connectwell, Preferable or Equivalent Model : CTS6, Material : Melamine, Connection lugs range : 1.5-6 sqmm, Rated Current (A): 41 Amps, Rated Voltage: 1000 V, Color: Beige, Mounting: DIN 32 Rail	Nos.	20
32	Terminal Block	Preferable Make or Equivalent Make : Connectwell, Preferable or Equivalent Model : CTS10, Material : Melamine, Connection lugs range : 1.5-10 sqmm, Rated Current (A): 57 Amps, Rated Voltage: 1000 V, Color: Beige, Mounting: DIN 32 Rail	Nos.	50
33	Terminal Block	Preferable Make or Equivalent Make : Connectwell, Preferable or Equivalent Model : CTS16, Material : Melamine, Connection lugs range : 6-16 sqmm, Rated Current (A): 76 Amps, Rated Voltage: 1000 V, Color: Beige, Mounting: DIN 32 Rail	Nos.	10
34	Fibre glass insulated copper wire	Conductor material : Copper, Insulating material: Fibre Glass, Size : 1.5 Sqmm	Mtrs.	50
35	Fibre glass insulated copper wire	Conductor material : Copper, Insulating material: Fibre Glass, Size : 2.5 Sqmm	Mtrs.	50
36	Fibre glass insulated copper wire	Conductor material : Copper, Insulating material: Fibre Glass, Size : 4 Sqmm	Mtrs.	30
37	OLR Connector L&T make	OLR connector terminas L&T Preferable Make or Equivalent Make	Nos.	5