



Ref. No. INS/L-6226/2024-2025(A)

Date: 13.02.2025

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

**Cost of Tender: Rs. 24,49,470/-
This tender document contains Total 36 pages**

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 ELECTRICALS MATERIALS.

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

- Whether signing as a Sole Proprietor of the firm or his attorney.
- Whether signing as a partner of the firm or his attorney
- 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 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:

- Ex-works (all other charges to be indicated separately).
- 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.
- 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.
- 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

- 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-4502/2017-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.
- 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.
- 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.
- 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.
- 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:

- 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

100% payment will be released within ten (10) days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills unless otherwise specified in STC / ATC.

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 have to 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.

स्टेम कोशिका विज्ञान एवं पुनर्योजी औषधि संस्थान (डीबीटी-इनस्टेम)

जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान

Institute for Stem Cell Science and Regenerative Medicine (DBT- inStem)

An Autonomous Institute under Department of Biotechnology, Ministry of Science & Technology, Govt. of India



inStem

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, 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.

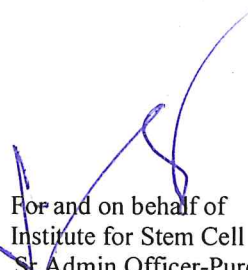
If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof within 21 days of occurrence of such event with reasonable evidence thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to 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

GKVK, Bellary Road, Bangalore 560 065. India

Phone +91-80-6194809/97/98

email: purchase@instem.res.in, www.instem.res.in

Ref No: INS/L-6226/2024-2025(A)

Date: 13-02-2025

Bill of Quantities (BOQ) and Technical specifications for SUPPLY OF ELECTRICALS MATERIALS:-

BoQ for supply of Electrical Maintenance Materials			
Sl. No.	Required Specifications	Units.	Qty.
1	Single core multistranded FRLSH copper flexible wire with voltage grade- 1100V, Type D insulation and conforming to IS: 694 with latest amendments. Wire size and colour are given below. Make: Polycab/Havells/Finolex or its equivalent		
a.	1.0 sq.mm wires (180 meters) - Multi Stranded copper wires Green - 1	Coils	1
b.	1.5 sq.mm wires (180 meters) - Multi Stranded copper wires Red - 2, Yellow - 2, Blue - 1, Green - 2	Coils	7
c.	2.5 sq.mm wires (180 meters) - Multi Stranded copper wires Red - 1, Yellow - 1, Blue - 1, Black - 1	Coils	4
d.	4 sq.mm wires (180 meters) -Multi Stranded copper wires Red - 1, Yellow - 1, Black - 1	Coils	3
e.	6 sq.mm wires (180 meters) -Multi Stranded copper wires Yellow - 1, Green - 1	Coil	2
f.	50 sq.mm wires (100 meters) -Multi Stranded copper wires Black - 1	Coils	2
2	Flexible Cable: Supply of 1.1kV Grade, 4 Core/3 Core PVC Insulated and overall sheathed stranded Copper conductor, Flexible Cable confirming to IS: 694 for following sizes. The cable shall bear the ISI certification mark, Coil size: 100 mts., Make: Havells/Finolex/Polycab or Its Equivalent		
a.	3C x 2.5 Sq.mm Copper cable	Coils	1
3	Aluminium Armoured Cable: Supply of 1.1kV Grade, 4 Core XLPE Insulated and over all sheathed stranded copper conductor, flat steel strip/wire armoured cable confirming to IS: 7098 for the following sizes.The cable shall bear the ISI certificaion mark, Make: Havells/Finolex/Polycab or its equivalent		
a.	4C x 16 Sq.mm	Mtrs.	50
b.	4C x 10 Sq.mm	Mtrs.	30
c.	3C x 10 Sq.mm	Mtrs.	30
4	Supply of the following Medium and Heavy duty, Copper Lugs, Make: Dowells/Polycab or its equivalent		
a.	Pin Type Electrical connection/Reducer Lugs 1.0 sqmm (200 Nos. in one packet)	Pkt.	2

स्टेम कोशिका विज्ञान एवं पुनर्योजी औषधि संस्थान (डीबीटी-इनस्टेम)

जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान

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inStem

b.	Pin Type Electrical connection/Reducer Lugs 6 sqmm (200 Nos. in one packet)	Pkt.	2
c.	Pin Type Electrical connection/Reducer Lugs 10 sqmm (200 Nos. in one packet)	Pkt.	1
d.	Ring Type Electrical connection/Reducer Lugs 1.0 sqmm -E 3.5 (200 Nos. in one packet)	Pkt.	2
e.	Ring Type Electrical connection/Reducer Lugs 1.5 sqmm -E 6.0 (200 Nos. in one packet)	Pkt.	2
f.	Ring Type Electrical connection/Reducer Lugs 2.5 sqmm -E 8.0 (200 Nos. in one packet)	Pkt.	2
g.	Ring Type Electrical connection/Reducer Lugs 4 sqmm -E 8.0 (200 Nos. in one packet)	Pkt.	2
h.	Ring Type Electrical connection/Reducer Lugs 10 sqmm -E 8.0 (200 Nos. in one packet)	Pkt.	2
i.	Ring Type Electrical connection/Reducer Lugs 25 sqmm -E 8.4 (50 Nos. in one packet)	Pkt.	1
j.	U Type Electrical connection/Reducer Lugs 1.0 sqmm - E 3.0 (200 Nos. in one packet)	Pkt.	1
k.	U Type Electrical connection/Reducer Lugs 2.5 sqmm - E 3.5 (200 Nos. in one packet)	Pkt.	1
l.	U Type Electrical connection/Reducer Lugs 4 sqmm - E 3.5 (200 Nos. in one packet)	Pkt.	1
m.	U Type Electrical connection/Reducer Lugs 6 sqmm - E 3.5 (200 Nos. in one packet)	Pkt.	1
n.	Battery Electrical connection/Reducer Lugs 2.5 sqmm (200 Nos. in one packet)	Pkt.	2
o.	Battery Electrical connection/Reducer Lugs 4 sqmm (200 Nos. in one packet)	Pkt.	2
5	Supply of the following Medium and Heavy duty, Aluminium Lugs, Make: Dowells/Polycab or its equivalent		
a.	Ring Type Electrical connection/Reducer Lugs 185 sqmm - E bolt size: 13, Model: Dowells 3.5S-ALS-534 or its equivalent	Nos.	20
b.	Ring Type Electrical connection/Reducer Lugs 150 sqmm - E bolt size:13, Model: Dowells 3.5S-ALS-532 or its equivalent	Nos.	20
6	CASING & CAPING:-Supply of PVC CASING & CAPING conforming to ISI Standards for the following sizes and Colour: White, Make: Pressfit or its equivalent		
a.	19x20mm casing caping (2 meters)	Lngh.	10
b.	25x20mm casing caping (2 meters)	Lngh.	10

GKVK, Bellary Road, Bangalore 560 065. India

Phone +91-80-61948096/97/98

email: purchase@instem.res.in, www.instem.res.in



7	Cable Gland: Type: Single Compression type, Commercial/Medium duty, Material: Steel, Gland should confirm to IEC 62444:2010 or its equivalent IS standards, Preferrable Make: Polycab or its equivalent		
a.	Gland Size: 10mm	Nos.	10
b.	Gland Size: 12mm	Nos.	10
c.	Gland Size: 50mm for 150/185 Sq.mm 3.5 core armoured cable or its equivalent	Nos.	10
8	Gland for Metal Flexibles Conduits: Application: should be suitable for 25mm metal flexible conduits, Material: GI, Preferable make: BEC or its equivalent.		
a.	Gland Size: 25 mm	Nos.	25
b.	Gland Size: 19/20 mm	Nos.	25
9	Copper Gland Earthing Clip: Finish Type: Nickel Plated, Usage/Application: industrial & commercial, Material: Copper, Color: Copper,		
a.	Cable Size: 16 Sq.mm - Size DBW -03/DBF-03	Nos.	20
b.	Cable Size: 150 & 185 sq.mm - Size DBW -010/DBF-010	Nos.	20
10	GI metal flexible: Material: Galvanized Iron of Size/Dia.: following sizes, Colour: Silver, Thickness: 0.3mm to 0.5 mm, with high crush strength, conforming to IS: 3480		
a.	16mm metal flexible conduit (15 meters)	Rolls	5
b.	19mm metal flexible conduit (15 meters)	Rolls	10
11	8mm nut: 8mm hex MS nuts	kg.	1
12	PVC Insulation Tapes (10 Meters Roll) (Red - 10 Nos, Yellow - 10 Nos, Blue - 10 Nos, Black - 10 Nos., Green - 10 Nos. and White - 30 Nos.), Make: Wonder AChem or its Equivalent	Nos.	80
13	Black Ink Ribbon Size: 12mm x 100 meter Make: SUPVAN, Compatible for Model: TP70E	Nos.	5
14	9mm Yellow Tape Size: 9mm x 8 meter Make: SUPVAN, Compatible for Model: TP70E	Nos.	5
15	9mm White Tape Size: 9mm x 8 meter Make: SUPVAN, Compatible for Model: TP70E	Nos.	5
16	12mm Yellow Tape Size: 12mm x 8 meter Make: SUPVAN, Compatible for Model: TP70E	Nos.	2



17	12mm White Tape Size: 12mm x 8 meter Make: SUPVAN, Compatible for Model: TP70E	Nos.	2
18	18W LED Bulb: 18W LED Bulb B22 conforming to IS:16102 part I and Part II latest amendments, Preferred Make: SYSKA, HAVELLS, Orient, Surya, Philips.	Nos.	10
19	Wall mounted fan: Sweep Size: 400 mm, Speed: upto 2100 RPM, Air Delivery upto 105 CMM, Input Voltage: 220-240V single phase, Frequency: 50 Hz, Type: Wall Mounted, corded electric & ISI marked	Nos.	2
20	Oscillating type Pedestrial Fan: 230V, 50Hz, 61W (max), 400 mm , > 60 m3/min air delivery and confirming to IS :1169 with latest amendements. Warranty: 1 year.	Nos.	2
21	Exhaust fan (PVC): Sweep 300 mm, PVC with luvors, Speed 1250 RPM; Air delivery 720 CMH, Power 40 W, Voltage - 230V, Freq. 50 Hz., Conforming to IS: 2312 (latest), Preferable Make Cropmton/Havells or its Equivalent	Nos.	2
22	Exhaust fan (PVC): Sweep 250 mm, PVC with luvors, Speed 1250 RPM; Air delivery 720 CMH, Power 40 W, Voltage - 230V, Freq. 50 Hz., Conforming to IS: 2312 (latest), Preferable Make Cropmton/Havells or its Equivalent	Nos.	2
23	Exhaust fan (PVC): Sweep 200 mm, PVC with luvors, Speed 1250 RPM; Air delivery 720 CMH, Power 40 W, Voltage - 230V, Freq. 50 Hz., Conforming to IS: 2312 (latest), Preferable Make: Cropmton/Havells or its Equivalent	Nos.	2
24	5A/6A plug top: 6A plug top 3pin Casing Material:Plastic, Colour:White, Conforming to IEC 60884-1 standards, Make Anchor or its equivalent	Nos.	50
25	15/16A plug top: 6A plug top 3pin Casing Material:Plastic, Colour:White, Conforming to IEC 60884-1 standards, Make Anchor or its equivalent	Nos.	30
26	16A MCB Single Pole - SP, 16A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	20
27	63A MCB Single Pole - SP, 63A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
28	6A MCB Double Pole - 6A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	10

29	10A MCB Double Pole - 10A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
30	16A MCB Double Pole - 16A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	3
31	20A MCB Double Pole - 20A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	8
32	25A MCB Double Pole - 25A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	7
33	6A MCB Three Pole - 6A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
34	10A MCB Three Pole - 10A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
35	16A MCB Three Pole - 16A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
36	25A MCB Three Pole - 25A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
37	40A MCB Three Pole - 63A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
38	63A MCB Three Pole - 63A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
39	6A MCB Four Pole - 6A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5



40	16A MCB Four Pole - 16A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
41	20A MCB Four Pole - 20A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
42	32A MCB Four Pole - 32A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	5
43	80A MCB Four Pole - 80A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	1
44	100A MCB Four Pole - 100A, C-Type, 415/240V, Capacity: 10kA, ISI Marked, should comply to short circuit breaking capacity in DC currents as per standards: IEC 60947-2 or its equivalents, Make: Legrand or its Equivalent	Nos.	1
45	63A two pole ABB Breaker: Model No. SH202M-C63, standards IS/IEC 60898-1, C-Curve, Rated Short Circuit rating: 10kA, 415/240V AC and 60V DC	Nos.	4
46	25A, 30mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
47	40A, 30mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 40A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	3
48	63A, 30mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 63A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
49	25A, 100mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
50	40A, 100mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 40A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5

51	63A, 100mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 63A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	2
52	25A, 300mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	1
53	40A, 300mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 40A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
54	63A, 300mA ELCB - 2 Pole, Residual Current - 100mA, Rated Current - 63A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
55	25A, 30mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	1
56	40A, 30mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 40A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	3
57	63A, 30mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 63A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
58	25A, 100mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	5
59	63A, 100mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 63A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	3
60	25A, 300mA ELCB - 4 Pole, Residual Current - 100mA, Rated Current - 25A, Voltage 415V, 50-60Hz, Protection Against Earth Fault, Breaking Capacity: 35 kA, ISI Marked and conforming to IEC 61008 - 1, Make: Legrand or its Equivalent	Nos.	1
61	Cable management system: Cable management system 100 x 50mm, with internal partition UPVC Trunking with cover. Cat No. NCT1050D1WHI. Make: MK or its equivalent	Length	12



62	End Cap: uPVC 100x50mm Cable management system End Cap suitable for above CMS. Cat No: NEP1050WHI. Make: MK	Nos.	70
63	3 Modular PVC Slider Box: Mounting Box 1-3 Module Premier System suitable for above CMS.. Cat No: NSB4T3I. Make: MK or its equivalent	Nos.	25
64	5 Modular PVC Slider Box: Mounting Box 4-5 Module Premier System suitable for above CMS.. Cat No: NSB4T5I. Make: MK or its equivalent	Nos.	25
65	8 Modular PVC Slider Box: Mounting Box 8 Module Premier System suitable for above CMS.. Cat No: NSB8I. Make: MK or its equivalent	Nos.	25
66	Surface Box: 1-3 Module PVC Surface Box Electrical, Colour: White, Make: MK or its equivalent, Catalogue No.: W26173	Nos.	25
67	Surface Box: 4-5 Module PVC Electrical Surface Box, Cat No: W26175, Colour: White, Make: MK or its equivalent	Nos.	25
68	Surface Box: 6-8 Module Electrical PVC Surface Box, Colour: White, Make: MK or its equivalent, Catalogue No.: W26178	Nos.	25
69	Surface Box: 12 Module PVC Surface Box Electrical, Colour: White, Make: MK Wraparound or its equivalent, Catalogue No.: SB000012	Nos.	20
70	1 Modular Plate with frame :- 1 Modular front plate, suitable for above modular box, equivalent to Make: MK Wraparound, Colour: White, Catalogue: S26001 1M	Nos.	100
71	2 Modular Plate with frame :- 2 Modular front plate, suitable for above modular box Make: MK Wraparound or its equivalent, Colour: White, Catalogue: S26002 2M	Nos.	100
72	3 Modular Plate with frame :- 3 Modular front plate, suitable for above modular box Make: MK Wraparound or its equivalent, Colour: White, Catalogue: S26003 3M	Nos.	100
73	4 Modular Plate with frame :- 4 Modular front plate, suitable for above modular box, Make: MK Wraparound or its equivalent, Colour: White, Catalogue: S26004 4M	Nos.	100
74	6 Modular Plate with frame :- 6 Modular front plate, suitable for above modular box, Make: MK Wraparound or its equivalent, Colour: White, Catalogue: S26006 6M	Nos.	100
75	16 Modular Plate with frame :- 16 Modular front plate, suitable for above modular box, Make: MK Wraparound or its equivalent, Catalogue: S26016 16M	Nos.	15
76	Modular Socket: (230-240)V, (5-6)A, Modular - 2 Module, 3 pin Socket, clip - in type, Make: MK Wraparound (Cat No: W26428, Colour: White) or its Equivalent	Nos.	200
77	Modular Switch: (230-240)V, (5-6)A, 1 module, 1 Way switch, clip - in type, Make: MK Wraparound (Cat No: W26401A) or its Equivalent	Nos.	200
78	Modular Switch: (230-240)V, (16)A, 1 module, 1 Way Switch, clip-in type, Make: MK Wraparound (Cat No: W26413A) or its Equivalent	Nos.	200
79	Modular Switch: (230-240)V, (32)A, 2 module, 1 Way Switch, clip-in type, Make: MK Wraparound (Cat No: W27224) or its Equivalent	Nos.	5



80	Modular Dummy Plate: Dummy plate, 1 - Module, clip - in type, Make: MK (Cat No: W26441, Colour: White) or its Equivalent	Nos.	100
81	Modular Fan Regulator: 1 - Module, clip - in type, 100 Watts, 4 steps + Off, Make: MK (Cat No: W26471, Colour: White) or its Equivalent	Nos.	10
82	Modular Fan Regulator: 2 - Module, clip - in type, 120 Watts, 5 steps + Off, Make: MK (Cat No: W26474, Colour: White) or its Equivalent	Nos.	10
83	Modular Switch: (230-240)V, (6)A, 1 module, 2 Way switch, clip - in type, Make: MK (Cat No: W26402A) or its Equivalent	Nos.	10
84	6 Module Metal Mounting Box: 6 Module Metal Box Electrical, Make: MK or its equivalent, Catalogue No.: MB20N006	Nos.	30
85	8 Module Metal Mounting Box: 8 Module Metal Box Electrical, Make: MK or its equivalent, Catalogue No.: MB20N08H	Nos.	7
86	12 Module Metal Mounting Box: 12 Module Metal Box Electrical, Make: MK or its equivalent, Catalogue No.: MB20N012	Nos.	10
87	16 Module Metal Mounting Box: 16 Module Metal Box Electrical, Make: MK or its equivalent, Catalogue No.: MB20N016	Nos.	10
88	Distribution Boards: Three Phase MCB Distribution Boards: Supply of the following TPN/SPN MCB DBs in 16 SWG Heavy duty CRCA sheet steel enclosure, dust and vermin protected, IP 43, rated to 230V, Single Phase, 50 Hz, AC supply operation, inclusive of busbar of suitable capacity, neutral link with required outgoing, conforming to IS: 13032 with latest amendments, DIN bar, 99% Electrolytic copper bus bars, fully factory fabricated and powder coated suitable for incorporating SP/TP MCB as specified below:		
a.	8 way Double door VTPN distribution board (Make :Legrand or its equivalent, Model: Equinox3 5077 47), IP 43 - #IK 09 with metal door	Nos.	1
b.	8 Way ETPN distribution board (Make :Legrand or its equivalent, Model: Equinox3 507672), IP 43 - #IK 09 with metal door	Nos.	1
c.	20 Way SPN Single door distribution board (Make :Legrand or its equivalent, Model: Equinox3 5076 15), IP 43 - #IK 09 with metal door	Nos.	1
89(a)	Cable ZIP Tie: Material : Nylon, Size: 100 mm * 2.5 mm, Colour: White, (100 Nos. in each pack)	Packet	5
(b)	Cable ZIP Tie: Material : Nylon, Size: 150 mm * 2.5 mm, Colour: White, (100 Nos. in each pack)	Packet	5
(c)	Cable ZIP Tie: Material : Nylon, Size: 200 mm * 2.5 mm, Colour: White, (100 Nos. in each pack)	Packet	5
(d)	Cable ZIP Tie: Material : Nylon, Size: 250 mm * 2.5 mm, Colour: White, (100 Nos. in each pack)	Packet	5
(e)	Cable ZIP Tie: Material : Nylon, Size: 300 mm * 7.6 mm, Colour: White, (100 Nos. in each pack)	Packet	5



90	Digital Timer Switch with following specifications: Operating Voltage: 230V, Mount: Din Rail Mount, Type: Digital timer controller and Programmable for daily/weekly, Operation: On/Off Operation: 16 on and 16 off(manual/auto) World Weekly Programmable Time Switch With special edition extra heavy duty relay -LCD Display - 20 Times On/Off daily & New countdown, Load Capacity: 16 Amps, Power Consumption: 2Va(Max), Preferred Make: Quick Sense QS-T3 or its equivalent	Nos.	10
91	AC Axial Fans: Metal Frame, Plastic Vane, Dimensions: 172x150-172x50-55 (LxWXH) in mm, Rated Voltage: 220-240V AC, Wattage: 38-45 Watts, Speed: 2750 to 3500 rpm, CFM: b/w 235 to 300, Bearing: Sleeve/Ball, Preferrable make: HICOOL or its equivalent	Nos.	5
92	Panel Pilot Buzzer: Operating Voltage: 220-240V AC, Cut out measurement: 22mm, Mounting type: Panel mount, Terminal Type: Screw, IP rating: IP65, Lamp Type: LED, Pilot Buzzer Shape: Round, Colour: Red, Maximam Decibel: 80 decibels.	Nos.	10
93	Aluminium Waterproof Tape for Surface Crack, Roof, Pipe Repair, Plastic, Metal, Concrete Repair tape: Material: Aluminium & Rubber combination Dimensions: 1.5 x 100 x 5000 (HxWxL) in mm Compatible Material: Metal, Glass, Wood Approximate Weight: >= 800 grams. Special Features: Water proof	Nos.	25
94	Electromagnetic Relays Module: Coil Resistance: upto 1100 ohm, Rated coil Current (mA):5mA, Coil Trigger Voltage (VAC):220-230VAC, Connection type: 4 Pole (consisting of NO and NC contacts), Operating Temperature Range (C) :-20 to 50, Mounting type: DinRail mount, Relay Protection: Freewheeling Diode with ISO Certification and Test Certificate, Preferred Make: Schneider Electric, Model: RXM4AB1MD or its equivalent.	Nos.	10
95	Solid State Relays Module: Coil Trigger Voltage (VAC):220-230 VAC, Rated Load Current: upto 5-10A, Switching Voltage: 5-250 VAC, Contact Configuration: SPDT (consisting of NO and NC contacts), Operating Temperature Range (°C) : -20 to 50, Mounting type: DinRail mount with ISO/ISI Certification and Test Certificate, Preferred Make: ABB (Model: R600 Series Interface Relay), Pheonix Contact or its equivalent.	Nos.	5
96	Wooden Screw 0.5" Size:9 (4.5mm)	Nos.	200
97	Float Valve: Cooling tower makeup water float value size: mentioned below, Ball: Plastic, Screwed male inlet, body: bronze/gun metal, Pressure Rating: PN10. Make: Leader/any reputed make.		
(a)	Size : 25mm dia.	Nos.	1
(b)	Size : 50mm dia.	Nos.	1



98	Wooden Plug - Teak wood (pack of 100 Nos.), Package Size: 20X6X8 Cms, Weight: 0.350 gms.	Packet	5
99	Pin type Copper busbar Length:420 mm, Current Holding Capacity: 63 A, Voltage: 415V with the specification in the drawings:	Nos.	3
100	MS perforated cable tray painted with powder coat, Size: 100 X 50 X 1.6 (WXHXThickness) in mm, Length: 2.5 mtrs/Length	Length	5
101	MS perforated cable tray painted with powder coat, Size: 50 X 50 X 1.6 (WXHXThickness) in mm, Length: 2.5 mtrs/Length	Length	5
102(a)	Hammer Drilling Bit: Dia.: 6 mm, Working length: 100mm, total length: 160mm, Preferred Make: Bosch Professional SDS Plus -1 or its equivalent, Standard Packet of 30 numbers	Packet	1
(b)	Hammer Drilling Bit: Dia.: 8 mm, Working length: 100mm, total length: 160mm, Preferred Make: Bosch Professional SDS Plus -1 or its equivalent, Standard Packet of 30 numbers	Packet	1
(c)	Hammer Drilling Bit: Dia.: 10 mm, Working length: 150mm, total length: 210mm, Preferred Make: Bosch Professional SDS Plus -1 or its equivalent, Standard Packet of 30 numbers	Packet	1
(d)	Hammer Drilling Bit: Dia.: 12 mm, Working length: 150mm, total length: 210mm, Preferred Make: Bosch Professional SDS Plus -1 or its equivalent, Standard Packet of 30 numbers	Packet	1
103	Spring: Electrical Wire Pulling Spring, Length: 30 mtrs./Coil, Preferred Make: Elephant or its equivalent.	Coils	5
104	32A, 1P+N+ E insulated plug and socket: single phase, Industrial type socket outlet, metal enclosed with tempura mount plug top, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, space for fixing 2 pole MCB, Make: Indoasian/Neptune/Legrand, Model No. 5078 63 or its equivalent	Nos.	3
105	32A, 3P + N + E insulated plug and socket: Three phase, Industrial type socket outlet, metal enclosed with tempura mount plug top, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, space for fixing 4 pole MCB, Make: Indoasian/Neptune/Legrand, Model No. 5078 62 or its equivalent	Nos.	2
106	63A, 3P + N + E insulated plug and socket: Three phase, Industrial type socket outlet, metal enclosed with tempura mount plug top, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, space for fixing 4 pole MCB, Make: Indoasian/Neptune/Legrand, Model No. 5078 64 or its equivalent	Nos.	1



107	<p>AC to DC Adapter with input power cord: Input supply: 220-230V, AC, Single Phase, 50/60 Hz. Output: 6V, 4 Amps, 24 Watts, DC Input Connector: power cord with C13 connector with 5 amps top and C14 connector in the adapter. Output connector: 1.75x4.75x11 mm Centre Positive Female Coaxial Plug, 2.1x5.5x10.5 mm Centre Positive Female Coaxial Plug, 2.5x5.5x12.5 mm Centre Positive Female Coaxial Plug, 3x6.3x12 mm Centre Positive Female Coaxial Plug, Standards compatible to: EN 55032, EN 62368-1, UL 62368-1, Energy Class: VI</p>	Nos.	5
108	<p>AC to DC Adapter with input power cord: Input supply: 220-230V, AC, Single Phase, 50/60 Hz. Output: 9V, 4 Amps, 36 Watts, DC Input Connector: power cord with C13 connector with 5 amps top and C14 connector in the adapter. Output connector: 1.75x4.75x11 mm Centre Positive Female Coaxial Plug, 2.1x5.5x10.5 mm Centre Positive Female Coaxial Plug, 2.5x5.5x12.5 mm Centre Positive Female Coaxial Plug, 3x6.3x12 mm Centre Positive Female Coaxial Plug, Standards compatible to: EN 55032, EN 62368-1, UL 62368-1, Energy Class: VI</p>	Nos.	5
109	<p>Multipin Adapter: 3 Pin Plug Multiplug Socket , Universal Travel Adapter Socket for 2 Pin & 3Pin Plugs, USA to India Converter Plug, Premium Multi-Plug /Power Plug Socket operating Voltage and current: Input supply: 220-230V, 5A, AC, Single Phase, 50/60 Hz.</p>	Nos.	5
110	<p>15A 3 Pin Plug to 5A 3 Pin Socket Converter/Conversion plug: operating Voltage and current: Input supply: 220-230V, 5/6A, AC, Single Phase, 50/60 Hz.</p>	Nos.	5
111	<p>Capacitors for Fans/Exhausts: Capacitance: 1.5uF, operating Voltage and current: Input supply: 415-440V, AC, 50/60 Hz. Tolerance: + or - 5%, Dielectric Material: Plastic film, Shape: box/square type capacitor with a 6/8mm ear for fixing.</p>	Nos.	5
112	<p>Capacitors for Fans/Exhausts: Capacitance: 2.5uF, operating Voltage and current: Input supply: 415-440V, AC, 50/60 Hz. Tolerance: + or - 5%, Dielectric Material: Plastic film, Shape: barrel/cylindrical type capacitor with a 6/8mm ear for fixing.</p>	Nos.	5
113	<p>Capacitors for Motor starters: Capacitance: 25uF, operating Voltage and current: Input supply: 415-440V, AC, 50/60 Hz. Tolerance: + or - 5%, Dielectric Material: Plastic film, Shape: box/square type capacitor with a 6/8mm ear for fixing.</p>	Nos.	5



114	Capacitors for Motor starters: Capacitance: 4uF, operating Voltage and current: Input supply: 415-440V, AC, 50/60 Hz. Tolerance: + or - 5%, Dielectric Material: Plastic film, Shape: box/square type capacitor with a 6/8mm ear for fixing.	Nos.	5
115	MILD STEEL SOLID CONDUIT:- black stove enamelled MS Conduit Pipes, 3mtrs, WITH BLACK STOVE ENAMELLED conforming TO IS:9537(Part-3) Latest STANDARDS FOR THE FOLLOWING SIZES, ISI embossed on it, thread type, Make: B.E.C, B.I or its Equivalent		
a.	20mm Dia, 1.6mm thickness	Lngh.	10
116	MS CONDUIT INSPECTION JUNCTION BOX:- Thread TYPE, conforming to ISI standards, with ISI mark for the following sizes, Make: B.E.C or its equivalent		
a.	Junction Box: 20mm Dia., 16 SWG - Mild Steel, 3 - way	Nos.	20
b.	Junction Box: 25mm Dia., 16 SWG - Mild Steel, 3 - way	Nos.	20
c.	Junction Box: 32mm Dia., 16 SWG - Mild Steel, 3 - way	Nos.	20
d.	Junction Box: 32mm Dia., 16 SWG - Mild Steel, 4 - way	Nos.	20
117	MS CONDUIT LONG SOLID BEND:- Inspection sharp bend, THREAD TYPE, conforming to ISI IS:9537(Part-3) Latest STANDARDS for the following sizes, Make: B.E.C or its equivalent		
a.	20mm to 20mm, 1.6MM THICKNESS	Nos.	20
b.	32mm to 32mm, 1.6MM THICKNESS	Nos.	20
118	MS saddles for MS conduits of following sizes:		
a.	25mm	Nos.	50
119	Super Heavy Duty 6F22, 9V Battery: Int. Frame size to IEC: 6F22 Frame size, Voltage: 9V Dimensions (L x B x H mm) 26,2 x 17,2 x 48,3 Weight (g): 36.4, Electrochemical System: Zinc manganese dioxide/Zinc/ammonium chloride, Nominal Capacity: 400 to 450mAh to 4.8V (20° ± 2° C rated capacity at 5 - 25mA continuous drain), Jacket: Metal, Make: Duracell, Everyday or its equivalent	Nos.	10
120	12V Alkaline MN21 Battery, (A23 / 23A / V23GA / LRV08 / 8LR932) Suitable for use in Remote Controls, Wireless doorbells and Security Systems: Battery type: Lithium Metal batteries required. Brand: Duracell/GP or its equivalent Battery Cell Composition: Alkaline Compatible Phone Models: Gate Remote Controller Voltage and ampere: 12V and 23 Amps Reusability: Single Use Item dimensions L x W x H : 44 x 1 x 88 Millimeters Item Weight: 20 Grams	Nos.	10



121	Ultra Alkaline AA Batteries: Battery Cell Composition: Alkaline Recommended Uses For Product Camera, Remote, Clocks etc., Voltage 1.5 Volts, Reusability: Single Use Model Name: AA, Battery Weight: 191 Grams	Nos.	20
122	Ultra Alkaline AAA Batteries: Battery Cell Composition: Alkaline Recommended Uses For Product Camera, Remote, Clocks etc., Voltage 1.5 Volts, Reusability: Single Use, Model Name: AAA, Battery Weight: 19 Grams	Nos.	20
123	Metal Cutting Wheels:- Metal Straight Cutting Disc, Preferred make: Bosch, Size: Disc Dia. 105mm x thickness 1.6mm x bore size 16mm, equivalent to part No. 2608615276, Pack of 25	Pack	1
124	Neutral links of following size with the following parameters: M6/8 - 1/0.5 x 5-8, M = This designates the fastener is a metric size, 6/8 = The nominal diameter in millimeters, 1/0.5 = The thread pitch, or distance between threads, in millimeters, 5-8= The fastener's length, in millimeters, Material Brass, Panel Mount, Screw connector, Current carrying capacity: 100 amps		
(a)	4Way	Nos.	2
(b)	8Way	Nos.	2
(c)	10Way	Nos.	2
(b)	13Way	Nos.	2
125	Surprecision DIN Rail 755mm/29.7" Slotted Steel DIN Rail Mount for Efficient Electrical Installations - Durable, Lightweight, and High-Performance (1mm Thick, 35mm Wide, 7.5mm High)	Nos.	3
126 (a)	8mm x 100mm Screws Closed Hook Anchor fastner Bolts (Size -8 mm) fasteners, Material: high carbon iron/Brass/alloy, Type : Fastener, Hook Diameter: 20mm, overall Length : 100mm	Nos.	10
(b)	12mm x 160 mm Screws Closed Hook Anchor fastner Bolts (Size -12 mm) fasteners, Material: high carbon iron/Brass/alloy, Type : Fastener, Hook Diameter: 30-40mm, overall Length : 160mm	Nos.	10
127	uPVC Steel wire reinforced flexible uPVC conduit: Material: uPVC of Size/Dia.: following sizes, Colour: Grey, Thickness: 0.3mm to 0.5 or above mm, with high crush strength, HSN : 39172190		
a.	20mm (30 meters)	Rolls	3
128	PVC gland for Steel wire reinforced flexible uPVC conduit: Material: uPVC of Size/Dia.: following sizes, Colour: Grey,		
a.	19/20mm	Nos.	10
b.	25mm	Nos.	10
c.	29/30mm	Nos.	10
d.	38/40mm	Nos.	10
e.	50mm	Nos.	10



129	Hylum sheet: 5mm thick, 8feet x 4feet	Nos.	2
	Flood Lamps: a. LED Rating (in Watts) : as detailed below, b. Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest: IP65/IP66,c. Light Source: SMD LED chip as per LM80/IS 16106, d. Operating Voltage: 230 VAC 50Hz, e. Total Harmonic Distortion as per IS: 16102 \leq 10, f. Driver Efficiency (in %) : Upto 100 Watts is \geq 85%, g. Colour Temperature : 6000 +/- 500 K, h. High voltage test (2.5-4) kV for one minute between supply terminals and body of the unit), i. Require Over Voltage Protection, j. Product ISI Marked : Yes k. Operating Temperature: -10 to +55 °C, l. Type of Driver: Inbuilt, m. Beam Angle (in Degree): \geq 120, n.power factor \geq 0.9, Preferred Make: SYSKA, HAVELLS, Orient, Surya, Philips.		
130			
(a)	20 Watts, Light Efficiency: 20lm/Watt	Nos.	1
(b)	30 Watts, Light Efficiency: 30lm/Watt	Nos.	1
(c)	50 Watts, Light Efficiency: 50lm/Watt	Nos.	1
131	PVC connector Heavy duty: 32 amp, Connector Orientation: Heavy Duty, Voltage Rating: 230V, 12 way, Colour Black/White	Nos.	5
132	Metal Grinding Discs:- Metal Grinding Disc, Preferred make: Bosch, Size: Disc Dia. 100mm x thickness 6mm x bore size 16mm, equivalent to part No. 2608602372, Pack of 25	Pack	1
133	4" FULL RIM DIAMOND CUTTING BLADES For Tile Cutting, Preferred make: Bosch, Size: Disc Dia. 110mm x thickness 2.0mm x bore size 16/20mm, segment height: 10 mm equivalent to part No. 2608615050	Nos.	2
134	Circular wood CUTTING BLADES: Preferred make: Bosch, Size: Disc Dia. 125mm x thickness 1.0mm x bore size 20mm, No. of teeth: 12, Kerf: 1.6mm, equivalent to part No. 2608644670	Nos.	2
135	Bi-metal (BiM) Hole Saw Cutter with built in adaptor of following sizes: Preferred Make Bosch		
a.	19mm (Part No. 2609255600)	Nos.	3
b.	25mm (Part No. 2609255603)	Nos.	3
c.	32mm (Part No. 2609255605)	Nos.	3
d.	38mm (Part No. 2609255607)	Nos.	3
e.	51mm (Part No. 2609255609)	Nos.	3
136	21W LED Driver: 21W, Iout \geq 800mA Vout=11-19V Conforming to IS:15885 with latest amendments DC Led Driver Make:Philips, Model:4415 370 01140 or its equivalent	Nos.	25
137	Heavy duty Gas filled power Capacitor, 3 Phase, Delta connected, dielectric: MPP 'SH', discharge resistor E, 50 Hz, Impregnate: NPCB, IE 60831:2002 for the following size:		
a.	25 kVAR, Ref: LTCCN325 B2 Make:Lauritz and Knudsen	Nos.	1
b.	10 kVAR, Ref:-LTCCN325 B2 Make:Lauritz and Knudsen	Nos.	3



138	Supply of 1 feet wall/surface mounted LED Batten with complete fixture with the following specifications: 230V, 10 Watts, 50Hz supply, minimum lumens ≥ 1000 lumen/watt, efficiency ≥ 100 lumen/Watt, Driver efficiency $\geq 85\%$, ≥ 2.5 KV Surge protection, THD $\leq 15\%$, power factor > 0.9 , polycarbonate cover with diffused optics, CRI > 80 and CCT of 6500K (cool day light), IP20 classification, Lumen maintenance $\geq 80\%$ after 6000 burning hours as per LM 80 and life of LED @ 25k hrs, SMD LED chip light source, EMC compliance and confirming to IS: 10322 and IS:16108 with latest amendments, Preferred Make Philips, Crompton, Wipro or Havells.	Nos.	50
139	Black PVC Tube Wire Harness Tubing, 1/2-inch(12mm) ID, Sleeve for Wire Sheathing Wire Protection	Mtrs.	20
140	White PVC Tube Wire Harness Tubing, 1/2-inch(12mm) ID, Sleeve for Wire Sheathing Wire Protection	Mtrs.	20
141	Black PVC Tube Wire Harness Tubing, 3/4-inch(18/19mm) ID, Sleeve for Wire Sheathing Wire Protection	Mtrs.	20
142	White PVC Tube Wire Harness Tubing, 3/4-inch(18/19mm) ID, Sleeve for Wire Sheathing Wire Protection	Mtrs.	20
143	UV lights: 36Watts, T8 Holder, 4 feet, 230V, 50 Hz confirming to ASTM E2297 & E3022: UV lamp standards, Preferred make: Philips or its equivalent.	Nos.	15
144	UV lights: 30Watts, T8 Holder, 3 feet, 230V, 50 Hz confirming to ASTM E2297 & E3022: UV lamp standards, Preferred make: Philips or its equivalent.	Nos.	5
145	Zapper UV Lights: 18Watts, Actinic - T8 Holder, 2 feet, 230V, 50 Hz confirming to IS standards, Preferred make: Philips or its equivalent.	Nos.	20
146	Zapper UV Lights: 10Watts, Actinic - T8 Holder, 1 feet, 230V, 50 Hz confirming to IS standards, Preferred make: Philips or its equivalent.	Nos.	20
147	Self Thread Screws:- Self Drilling Sheet Metal Screw,confirming to ISI standards with standard quality		
a.	Length - 0.75", Flat Head, Guage/Dia.:- #8(4mm)/0.1640"	Nos.	200
b.	Length - 1.5", MOD Thrush Head,Guage/Dia.:- #8(4mm)/0.1640"	Nos.	200
148	Drywall Screws/POP SCREWS , Flat Head, Course Thread for the following sizes:		
a.	Length - 0.75" ,Guage/Dia.:- #8(4mm)/0.1640"	Nos.	200
b.	Length - 1",Guage/Dia.:-#8(4mm)	Nos.	800
149	GI Earthing wire 8 SWG	Mtrs.	25
150	Energy Meter of following specifications: Panel Mount Electronic type, 3 Phase 4Wire 3Element, 415V AC, Flush Mou Mounting, 96Sq.mm, CTR: /SA, Accuracy Class 1.0 with 240V AC Aux Supply, Preferred Make Conzerv (Schneider) and Model: DM5240.	Nos.	1



151	Multi Data Meter of following specifications: Panel Mount Digital type, 3 Phase 4Wire 3Element, 415V AC, Flush Mounting, 96Sq.mm, CTR: /5A, Accuracy Class 1.0 with 240V AC Aux. Supply, Type: EM6400, With RS485 Port, Preferred Make Conzerv (Schneider) and Model: EM6436H	Nos.	5
152	Ammeter (DC) of following specifications: Switch Board, Analogue, Size : 96 Sq mm., Moving coll, FSD: 40-0-40Amps, Class of accuracy: 1.5, Preferred Make: Rishabh	Nos.	2
153	Voltmeter (DC) of following specifications: Switch Board, Analogue, Size: 96Sq.mm., Moving coil, FSD: 60Volts, Class of accuracy: 1.5, Preferred Make: Rishabh	Nos.	15
154	Ammeter: 3Ph 4W, Digital, 96 Sq.mm, Flush Mounting, CL:1, CTR:-/5A Aux. supply: 240V AC with Built in selector switch, Make: (CONZERV SCHNEIDER) and Model: DM3110	Nos.	15
155	Voltmeter: 3Ph 4W, Digital, 96 Sq.mm, Flush Mounting, CL:1, Aux. supply: 240V AC with Built in selector switch, Make: (CONZERV SCHNEIDER) and Model No. DM3210	Nos.	10
156	Ammeter(DC)/Voltmeter (DC): Full Scale deflection 90°, Moving-coil with central magnetic Core, spring-mounted bearing jewel suspension $\pm 1.5\%$ of Full Scale, Sensitivity 1000 ohms /V (Voltmeter); 200 ohms /A (Ammeter), operating voltage 600V RMS max. 2.5 KV for 1 minute at 50 Hz According to IS 1248; EN 60051 According to DIN 43802 Size: 96 ABS Case with Glass Front, Make: MECO M96		
a.	DC ammeter of 0 to 20 Amps range	Nos.	3
b.	DC voltmeter of 0 to 30 Volts range	Nos.	3
157	Ammeter: 50mA-6A AC Input current, Aux supply 90-277V AC 50HZ<5VA@240V, Make: (CONZERV SCHNEIDER) and Model No. DM1110	Nos.	15
158	Voltmeter: 44-480V AC L-L 50HZ, Aux Supply 90-277V AC 50HZ<5VA@240V, Make: (CONZERV SCHNEIDER) and Model No. DM1210	Nos.	8
159	Ammeter (Analog) with following specifications: Type: Moving Iron Slide in Scale, Operating Current: 1 A to 20A, CT secondary: 5A, Burden 0.25A to 30A, Frequency: 45Hz to 65Hz, Accuracy: Class 1.5, Insulation resistance: > 20 Mega Ohms at 500V DC, Dielectric Test: 2kV RMS for 1 minute, Over load short time: 2 times Vn /10 times In for 5 seconds, Standards: I.S. 1248/IEC 60051 (Part 2), Make: AE and Model No. SMI72 (slide in) Size: 72x72x60 all measures in mm	Nos.	5
160	2 Pole ON/ OFF Selector Switch with following specifications: Rated Voltage-415V AC, Rated current 16A, No of Positions 4/90 Degree Operation, DC Supply ON/OFF, Preferred Make: KAYCEE (Model No. SRP123)	Nos.	10



161	2 Pole 2 way with OFF Selector Switch: Rated Voltage=415V AC, Rated Current=16A, No of Position; 4/90 Degree Operation Auto/MAN Mode & Name Plate:50*50, Preferred Make: KAYCEE (Model No. SRP125B)	Nos.	10
162	3 Pole 2 Way with OFF Selector Switch: Rated Voltage=415V AC, Rated current 16A, No of Positions 4/90 Degree Operation, Operation Auto/Manual Mode & Name plate: 50*50, Preferred Make: KAYCEE (Model No. SRPM138A/LM)	Nos.	10
163	Selector Switch(A/M): Selector Switch, 2Pole, 2Way, 16A, with NO OFF, Indicating plate size: 66x64mm, Make: Kaycee, Model No. RPM138B/LM	Nos.	10
164	Ammeter Selector Switch for line currents: R,Y,B and OFF, Current rating: AC 16Amps, Make: L&T Sazler and Category No. 61325 SCB03TDYR	No's	5
165	Voltmeters Selector Switch for Line Voltage: RY,YB,BR and OFF AC 6Amps, Make: L&T Sazler and Category No. 61312 SAB13TDYR	No's	5
166	Spring return Breaker Control Switch: TNC-1/2/3/4(BCS)Trip/Neutral/ 1 Close & 1Trip Contacts, Rated Voltage= 415V AC, 25A, Make: Kaycee, Model: BCA01P006K142/N	Nos.	2
167	Local/Remote, 2 Pole, 2way with OFF Switch: L/R Rated Voltage=415V AC, Rated Current=16 Amps, No of Positions; 4 Position/90 Degree Operation, Indicating Plate Size: 48*60, Make: Salzer, Model No. 61152	No's	5
168	On and Off Isolator Switches: 440V-6A, Make: Salzer and Category No. 61192, 90 degree operation	Nos.	5
169	Auto/Manual Selector Switch: 1 Pole, 2Way with off 440V, 6A, 90 degree with centre off, Make: Salzer and Category No. 61151	Nos.	5
170	Door Limit Switch with push rod and plastic cover: Make KAYCEE and Model No. KLS001X-OA, Door Limit Switch, Pin type, 10A, 230V AC	Nos.	10
171	Indicating Lamp With Lamp Holders: Size: 22.5 mm, LED Lamps, Voltage: 240V AC of following colour indications and Model numbers, Make: L&T		
a.	Colour: 'R' Phase Healthy-Red (Model No. EPLR240A)	Nos.	10
b.	Colour: 'Y' Phase Healthy-Yellow (Model No. EPLY240A)	Nos.	10
c.	Colour: 'B' Phase Healthy-Blue (Model No. EPLB240A)	Nos.	10
d.	Color: Amber, Signal: Breaker Trip (Model No. EPLA240A)	Nos.	10
e.	Colour: White, Model No. EPLW240A	Nos.	2
f.	Colour: Green, Model No. EPLG240A	Nos.	5
172	LED Indicating Lamps: 22.5mm dia, 110V AC, with the following model Nos.. of L&T make		
a.	R-Phase Healthy-Red (Model No. EPLR110A)	Nos.	3
b.	Y-Phase Healthy-Yellow (Model No. EPLY110A)	Nos.	3
c.	B-Phase Healthy-Blue (Model No. EPLB110A)	Nos.	3



173	LED Indicating Lamps: 22.5mm dia, 24V DC, with the following model Nos.. of L&T make		
a.	Colour: Red, (Model No. EPLR024C)	Nos.	3
b.	VCB OFF-Green (Model No. EPLG024C)	Nos.	3
c.	VCB Trip-Amber (Model No. EPLA024C)	Nos.	3
174	Panel Indicating Lamp: Size: 22.5mm, LED type, 240V AC, Color: Amber, Make Gen Next Led from ESBEE, Model No. EILA240A	Nos.	8
175	Illuminated push button, Actuator: Size: 22.5mm, Flush Head, 24V DC, ICPB- Trip Circuit Healthy- white, Make: L&T, Model No. EG03FDLW024C and Contact Block: 1NO (Model No. EC1C)	Nos.	2
176	Illuminated push button, Actuator: Size: 22.5mm, Flush Head, 240V AC, Make: L&T, Model No. EG03FDLR240A and Contact Block: INC (Model No. EC2C)	Nos.	5
177	Illuminated push button, Actuator: Size: 22.5mm, Flush Head, 240V AC, Make: L&T, Model No. EG03FDLG240A and Contact Block: 1NO (Model No. EC1C)	Nos.	5
178	Flush type Pushbutton Actuators Size: 22.5 mm, Flush Head, 500V with following controls, Preferred Make: L&T (Category/Model No.: EMN FD 1)		
a.	PB1-Engine Start-Green Contact Block (Model No. EMNGFD1) with 1NO (Model No. EC1C)	Nos.	3
b.	PB2-Engine Stop - Red Contact Block-1NC (Model No. EMNRFD1) with 1NC (Model No. EC2C)	Nos.	3
c.	PB5-Acknowledge-Black-Contact Block (Model No. EMNCFD1) with 1NO (Model No. EC1C)	Nos.	2
d.	PB5-Reset-Yellow-Contact Block (Model No. EMNYFD1) with 1NC (Model No. EC2C)	Nos.	2
179	Push button Size: 22.5mm, Flush head, Color: Green, Make: ESBEE, Gen Next (Model No. EMNGFD1) with 1NO (Model No. EC1C)	Nos.	20
180	Push button Size: 22.5mm, Flush head, Color: Red, Make: ESBEE, Gen Next (Model No. EMNRFD1) with 1NC (Model No. EC2C)	Nos.	20
181	Emergency Push button Actuators of Size: 22.5 mm, Mashroom Head, Press to lock & turn to release, Color-Red, 1NO Element (EC1C), Make: L&T, Model No. EMNRMH1	Nos.	20
182	Anxiliary contactor: Type of Product: Anxiliary contactor, Current Rating: $\geq 4A$ for AC/DC, Ambient Temperature: -5 to $55^{\circ}C$, Color: Any, Mounting type: Din-rail mount, No. of Pole: 4 (2 NO and 2 NC), Rated Insulation Voltage: 690 V, Rated impulse withstand voltage: 8 kV, Coil Voltage: 24 V DC, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Preferable Make: L & T (MX0DC 22E) or its equivalent.	Nos.	8

183	Anxillary contactor: Type of Product: Anxillary contactor, Current Rating: $\geq 4A$ for AC, Ambient Temperature: -5 to $55^\circ C$, Color: Any, Frequency: 50/60 Hz, Mounting type: Din-rail mount, No. of Pole: 4 (2 NO and 2 NC), Rated Insulation Voltage: 690 V, Rated impulse withstand voltage: 8 kV, Coil Voltage: 240 V AC, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Preferable Make: L & T (MX022E) or its equivalent.	Nos.	8
184	Anxillary contactor: Type of Product: Anxillary contactor, Current Rating: $\geq 4A$ for AC, Ambient Temperature: -5 to $55^\circ C$, Color: Any, Frequency: 50/60 Hz, Mounting type: Din-rail mount, No. of Pole: 4 (3 NO and 1 NC), Rated Insulation Voltage: 690 V, Rated impulse withstand voltage: 8 kV, Coil Voltage: 240 V AC, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Preferable Make: L & T (MX031E) or its equivalent.	Nos.	5
185	Auxiliary Contacts/Trip Alarm Contacts/ UV Release for various MCCB's of L&T make 415V AC, TP, 600-800A/500-630A/320-400A/200A, 36kA as per the following models:		
a.	Auxiliary Contact: Model No. DN3-AXI 1C/O (S01655), 1C/0 (1NO+1NC)	Nos.	5
b.	Aux+ trip Alarm Contact: Model No. DN2/3/4-XL, 1C O+1C/O(1NO+1NC) (SP01657)	Nos.	5
c.	Auxiliary Contact: Model No. DN3-AX2, 2 C O(1NO+1NC), (SP01654)	Nos.	2
d.	UV Release: DN2/3/4, 240V AC, Left	Nos.	2
186	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, 1 NO & NC auxiliary contact, Operating Current : AC3 -9A and AC1 - 25A (Line Current), Ambient Temperature: $55^\circ C$, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MNX 9 or its equivalent	Nos.	3
187	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, 1 NO & NC auxiliary contact, Operating Current : AC3 -12A and AC1 - 30A (Line Current), Ambient Temperature: $55^\circ C$, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MNX 12 or its equivalent	Nos.	4
188	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, 1 NO & NC auxiliary contact, Operating Current : AC3 -18A and AC1 - 30A (Line Current), Ambient Temperature: $55^\circ C$, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MNX 18 or its equivalent	Nos.	2
189	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, Operating Current : AC3 -25A and AC1 - 45A (Line Current), Ambient Temperature: $55^\circ C$, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MNX 25 or its equivalent	Nos.	1
190	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, Operating Current : AC3 - 40A and AC1 - 55A (Line Current), Ambient	Nos.	1



	Temperature: 55 ° C, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: L&T MNX 40 or its equivalent		
191	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, 1 NO & NC auxiliary contact, AC4 - 18A, AC3e - 18A and AC1 - 32A (Line Current), Ambient Temperature: 55 ° C, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MO 18 or its equivalent	Nos.	1
192	Power Contactors: Operating Voltage - 415V (L-L) AC, 3 Pole, 1 NO & NC auxiliary contact, Operating Current : AC3e -25A, AC4 - 25 and AC1 - 45A (Line Current), Ambient Temperature: 55 ° C, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen, Model No. MO 25 or its equivalent	Nos.	9
193	Power Contactors: Operating Voltage: 415V (L-L) AC, 3 Pole, AC4 - 45A, AC3e - 45A and AC1 - 50A (Line Current), Ambient Temperature: 55 ° C. Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, Preferable Make: Lauritz Knudsen MO 45 or its equivalent	Nos.	1
194	Power Contactors: Operating Voltage - 415V (L-L) AC, 3 Pole, Operating Current : AC3e -95A, AC4 - 95A and AC1 - 125A (Line Current), Ambient Temperature: 55 ° C, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, 3Ph, AC-1,125A Ui: 1000V, AC-3 415V, 95A, 45KW, Torque: 5Nm Preferable Make: Lauritz Knudsen, Model No. MO 95 or its equivalent	Nos.	1
195	Power Contactors: Operating Voltage - 415V (L-L) AC, 3 Pole, Operating Current : AC3e -110A, AC4 - 110 and AC1 - 140A (Line Current), Ambient Temperature: 55 ° C, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1 Standards, 3Ph, AC-1,140A Ui: 1000V, AC-3 415V, 110A, 55KW, Torque: 5Nm, Preferable Make: Lauritz Knudsen, Model No. MO 110 or its equivalent	Nos.	3
196	Capacitor duty contactor , for 5 KVAR capacitor,Coil voltage-500v,operating voltage 690v (Ref:-Lauritz Knudsen MOC-8.5)	Nos.	2
197	Capacitor duty contactor , for 10 KVAR capacitor,Coil voltage-500v,operating voltage 1000v (Ref:-Lauritz Knudsen MOC-12.5)	Nos.	2
198	Capacitor duty contactor , for 25 KVAR capacitor,Coil voltage-500v,operating voltage 690v (Ref:-Lauritz Knudsen MOC-25)	Nos.	2
199	Capacitor duty contactor , for 50 KVAR capacitor,Coil voltage-500v,operating voltage 1000v (Ref:-Lauritz Knudsen MOC-50)	Nos.	2
200	Control Contactor: 24V DC Aux. Contactor 2NO+2NC, Make: Schneider, Model No. CA3KN22BD	Nos.	2
201	Front Mounting Add on Block: MX Mini Accessory-Add On Auxiliary Contact Block Front Mounting 1NO+3NC, Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1, Make: Lauritz Knudsen and Model No. MNX A1 (1 NO + 3 NC) suitable for power contactors MNX 9-80	Nos.	3
202	Front Mounting Add on Block: Ue: 415V AC, Ith: 10A, Ie:4A, AC-15 (2NO+2NC), Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1, Make:	Nos.	7



	Lauritz Knudsen, Model No. MNX A1 suitable for power contactors MNX 9-80		
203	Front mounting Add on Block: Ue: 415V AC, Ith: 10A, le:4A, AC-15 (1NO+1NC), Conforms to IS / IEC 60947-4-1 & IEC 60947-4-1, Make: Lauritz Knudsen, Model No. MNX A2 suitable for power contactors MNX 9-80	Nos.	3
204	Side Mounting Add on Auxiliary contract Blocks suitable for Lauritz and Knudzen Power contactor MO 9 to 110 Models: First Left (1NO + 1NC), Catalogue No. CS94580^, MO SA 1L	Nos..	6
205	Side Mounting Add on Auxiliary contract Blocks suitable for Lauritz and Knudzen Power contactor MO 9 to 110 Models: First Right (1NO + 1NC), Catalogue No. CS94581^	Nos..	6
206	Front Mounting Add on Auxiliary contract Blocks suitable for Lauritz and Knudzen Power contactor MO and MO0 Models: (2NO + 2NC), Catalogue No. CS94596^, Model No. MO TA4, Ue: 415V, Ith: 10A, le: 4A, AC-15	Nos..	6
207	Timers (27/59T): Electronic/Analog Function , On Delay, Source Voltage ;24 Volts DC, Time Range :0.3 secs to 30 Minutes with 2C/O contacts. Make: EAPL and Model No. A1D1(8-30V DC)	Nos.	3
208	Timers (TR7): Electronic/Analog Function, On Delay, Source Voltage; 240 Volts AC, Time Range :0.3 secs to 30 Minutes with 2C/O contacts. Make: EAPL and Model No. A1D1(CSA)	Nos.	13
209	Timer: Electronic/Analog, Function, On Delay, Source Voltage; 24V-240V AC and 24V-220V DC, Time Range :0.3 secs to 30 Minutes with 2C/O contacts. Make: EAPL and Model No. A1D1-X(CSA)	Nos.	10
210	Timer with the following Specifications: 2 Functions, 8 Time ranges, Universal supply voltage, Modes: On Delay/Interval, Time Range: 3 / 10 / 30 / 60 sec / min, Resolution: 0.3 Secs, Accuracy: Setting:±5% of F.S.Repeat:±0.5% or 50ms (whichever is greater), 2 C/O SPDT, Contact Rating: 5A @250V AC/24V DC, Power supply: 20 to 240V AC, 18 to 240V DC, Make: Selec Control Private Limited, Model: 800XA	Nos.	2
211	Timer with the following Specifications: Asymmetrical cyclic, 6 Time ranges, Modes: Asymmetrical cyclic ON first or OFF first, Time Range: 1/10 sec / min / hr for both ON & OFF time, Resolution: 0.1 Secs, Accuracy: Setting: ± 5%, Repeat: ± 0.5% of F.S or 50ms, 2 C/O SPDT, Contact Rating: 5A @ 250V AC/24V DC, Power supply: 20 to 240V AC, 18 to 240V DC, Make: Selec Control Private Limited, Model: 800XC	Nos.	2
212	Phase Failure + Overload Protection Relay: Current Sensing Phase Failure Relay with Overload Protection (O/L Curve - 2 & 5 Sec. selectable or 10 Sec or 15 Sec.or 20 Sec. (Optional), Without CTS, (Selectable) Auto / Manual / Remote Reset, 1CO Contact, Aux. Supply 240/415V AC, Make: Minilec, Model: MPR D2 (Motor Protection Relay), Din Rail Mount	Nos.	5
213	Phase Failure + Overload Protection Relay: Current Sensing Phase Failure Relay with Overload Protection (O/L Curve - 2 & 5 Sec. selectable or 10 Sec or 15 Sec.or 20 Sec. (Optional), Without CTS, (Selectable) Auto / Manual / Remote Reset, 2CO Contact, Aux. Supply	Nos.	5



	240/415V AC, Make: Minilec, Model: MPR D2 (Motor Protection Relay), Din Rail Mount		
214	Relay: 220/240 VAC, , Operating indicator: LED, Contact form: DPDT, Contact method: Single Contact material: Ag, Contact rated load: 220 VAC 5 A (Resistive load), 220 VAC 2 A (Inductive load (cosφ = 0.4)), 24 VDC 5 A (Resistive load), 24 VDC 2 A (Inductive load (L/R = 7 ms)), Terminal structure: Plug-in terminal, Make: Omron and Model: MY2N 220/240VAC	Nos.	20
215	Phase failure relay: Phase Failure Relay (Auto Reset, 40 Volts. Unbalance, 1 CO Contact), 1φ, 240V VSP phase failure relay, Make: Minilec and Model No. VSP D1	Nos.	5
216	Thermal Over load relay: Mounting type MN-2 (Direct Mounting), suitable for Lauritz Knudsen MNX 9-40, , Conforms IS/IEC 60947-4-1 & IEC 60947-4-1, Built-in Single Phasing protection, Manual and Auto reset mode, Make: Lauritz Knudsen with the following relay range and Catalogue numbers:		
a.	Relay Range: 9 to 15A and Cat. No. SS94142O0BO	Nos..	4
b.	Relay Range: 6 to 10A and Cat. No. SS94142O0VO	Nos..	2
c.	Relay Range: 2 to 3.3A and Cat. No. SS94141O0QO	Nos..	2
d.	Relay Range: 3 to 5A and Cat. No.SS94141O0SO	Nos..	2
e.	Relay Range: 0.9 to 1.5A and Cat. No. SS94141O0MO	Nos..	2
217	Thermal Over load relay: Mounting type RTO-1 (Direct Mounting), suitable for Lauritz Knudsen MO 9-45 , Conforms IS/IEC 60947-4-1 & IEC 60947-4-1, Built-in Single Phasing protection, Manual and Auto reset mode, Make: Lauritz Knudsen with the following relay range and Catalogue numbers:		
a.	Relay Range: 12.5 to 18.6A and Cat No. CS96356OOCO	Nos.	4
b.	Relay Range: 17 to 25.5A and Cat No. CS96356OODO, Ue: 490V AC, Setting Range: 17.0-25.5AA, CLASS 10A, Uimp: 6KV, 63A HF, (10A gG)	Nos.	7
218	Thermal Over load relay: Mounting type RTO-3 (Direct Mounting), suitable for Lauritz Knudsen MO 80-110 , Conforms IS/IEC 60947-4-1 & IEC 60947-4-1, Built-in Single Phasing protection, Manual and Auto reset mode, Make: Lauritz Knudsen with relay range: 75 to 110A and Catalogue numbers: CS96314O0KO	Nos.	4
219	Voltage Monitoring Device: Parameters: Frequency: 50/60 Hz, Supply Voltage: 415 VAC Power Consumption (Max.): 15 VA, Trip Settings Phase Loss: Yes, Phase Sequence: Yes, Phase Asymmetry: 65 V (± 10V), Hysteresis: 10 to 18 V, Time Delay: 2S (± 2 S) ON Delay and Trip Time (OFF Delay): 7 s (± 2 s), Relay Output: 1 C/O, Contact Rating: 5A (For 'NO') & 3A (For 'NC') @ 250 VAC / 28 VDC (Resistive), Make: GIC and Catalogue No. MA51BC and Voltage Monitoring Series SM 301	Nos.	5



220	Surge Protector Device: (a) Surge arrester suitable for 230/400 V system, applications to protect equipments against induced overvoltage or switching transients. (b) To be installed at the boundary of LPZ 1-LPZ 2 zones or higher. (c) Visual indication of status of SPD - Healthy/Replace (d) Contact for remote signalling of SPD status.(e) Connector (06P.01) included. (f) Replaceable varistor and spark gap modules with colour code: white for varistor and green for spark gap. (g) Complies with EN 61643-11:2012 (h) 35 mm rail (EN 60715) mounting. (i) SPD Type 2 for three phase system with Neutral (j) Varistor protection L1, L2, L3 + Spark gap protection N-PE (k) Replaceable varistor and spark gap modules. (l) Make: Finder and Model/Catalogue No. 6P.24.8.320.1020	Nos.	1
221	Low Voltage Monitor Specifications: System supply: 415/440 V + 20%, -25% (3 Phase, 3 Wire), Power: 3 Watts, Frequency: 50 Hz. / 60Hz ± 3%, Out Relay Contracts: 1 CO/2 CO, Output Contact Rating: 5A @ 240V (resistive), UV trip setting: 75% to 95% of Monitored Supply, OV Trip Settings: 105% to 120% of Monitored Supply, Power ON Delay: 1 to 10 Sec. (adjustable), Trip Time Delay: 1 to 10 Sec. (adjustable), Reset: Auto / Manual, Reset Gap: 3% ± 1% Monitored supply, Set Accuracy: ±2% of set value up to 25 °C. 1% drift per 10°C after 25 °C, Indications: 'ON' – Green, 'Red' – Under Voltage Trip, 'Red' – Over Voltage Trip, Mounting: Din Rail, Make: Minilec, Model No. D2 VCT 1	Nos.	2
222	Current Converter: Current Range - 4 to 10 Amps, Make: Minilec, Model No.: S2 CTS1 / 10 Amps, Current sensor suitable for full load motor current of 1.5A, 2.5A, 5A, 10A, 20A, 40A and 80A.	Nos.	4
223	Current Converter: Current Range - 8 to 20 Amps, Make: Minilec, Model No.: S2 CTS1 / 20 Amps, Current sensor suitable for full load motor current of 1.5A, 2.5A, 5A, 10A, 20A, 40A and 80A.	Nos.	6
224	Single phase preventor: 415V AC, 50HZ, Make: Minilec, Model No. VSP 3, (Auto Reset, 50 Volts Unbalance), Panel wall mount/din rail mount	Nos.	5
225	Single phasing Preventor: Phase Failure Relay (Auto Reset, 40 Volts. Unbalance, 1 CO Contact), 415V AC, 50HZ, Make: Minilec, Model: VSP D1	Nos.	5
226	Terminal Block, Partition Plate, End Plates and Din Rail for the connectors: Make: Connectwell		
a.	Micro Terminal Blocks, Terminal No. CMT4, Colour: Grey	Nos.	50
b.	Standard Feed through terminal blocks, Terminal No. CTS 10U	Nos.	50
c.	Standard Feed through terminal blocks, Terminal No. CTS 2.5UN	Nos.	50
d.	Feed through Terminal Blocks (Melamine Housing), Terminal No. CTS2.5, Colour: Khaki	Nos.	50
e.	Feed through Terminal Blocks (Melamine Housing), Terminal No. CTS6, Colour: Khaki	Nos.	50
f.	Feed through Terminal Blocks (Melamine Housing), Terminal No. CTS10, Colour: Khaki	Nos.	50
g.	Stud type terminal blocks (Melamine Housing), Terminal No. CSTSN6	Nos.	30
h.	End Plate, Model No. EP2.5/4UN, Colour: Grey	Nos.	10



i.	End Plate, Model No. EP 6/10U, Colour: Grey	Nos.	10
j.	End Plate, Model No. EPCMT4, Colour: Grey	Nos.	10
k.	End Plate, Model No. CTSEP2, Colour: Khaki	Nos.	10
l.	End Plate, Model No. CSTSEP2, Colour: Khaki	Nos.	10
m.	Partition Plate, Model No. PP 2.5/4UN, Colour: Grey	Nos.	30
n.	Partition Plate, Model No. PP 6/10U, Colour: Grey	Nos.	30
o.	Partition Plate, Model No. PPCTM4, Colour: Grey	Nos.	30
p.	Partition Plate, Model No. CTSP1L, Colour: Khaki	Nos.	30
q.	Partition Plate, Model No. CSTSPP, Colour: Khaki	Nos.	30
r.	Din Rail, Model No. CA501-1M-S	Nos.	3
s.	Din Rail, Model No. CA701-1M-S	Nos.	3
227	Air Filter Make: Jainson Model No: JSAV-01 Material: ABS Size: 130x130 mm Color: White Type of Product: Air Vent Fan Filter Fit Type: Screw Fit	Nos.	5
228	Hooter: Supply Voltage: 24V D.C, Electronic, Industrial Type, Make Vaishno	Nos.	1
229	Battery Charger(BCU): Make: Neutek and Model No. B720-24 with following specifications Input:1 phase, 180-300V (+,-) 10%, Output Volts : (DC 24 Volts Nominal, Output Current :30Amps)	Nos.	1
230	Battery Charger Input Characteristics: Input voltage: 180-265VAC, Frequency: 45-60Hz, Inrush current: <75A AC current consumption: 4A, Input protection: 4A Subminiature fuse (Time-Lag type), Transient surge protection: Yes Varistor Filter: EMI/RFI, Efficiency >80% Buffer >20msec at full load Output Characteristics: Nominal voltage 24VDC, Voltage adj. range: 24-30VDC, Nominal current 10A, Maximum output power: 300W, Line regulation: < +/- 0.5%, Load regulation: < +/- 0.5%, Ripple and noise: < +/- 1% P-P, Connection in parallel: Yes, with diode ORing, Over voltage protection: Yes, normally works within 31-36VDC, Short circuit protection Yes (short-term), Dimension (LXWXH): 230 X 91 X 126.5 mm, Make: Sanstar Micosystems, Model: SSM24BIS10(BC)(S)	Nos.	1
231	Thermostat: Din Rail Mount, 1 NC contact, Material: Plastic, Temperature Range: 30-85 degree centigrade, Make: Girish Ego	Nos.	3



232	PANEL LOCKER: Zinc alloy Triangel Key type panel locks	Nos.	70
233	Space Heaters (Box type) with Grommet: Single Phase, 220-240V AC, 50 Hz, 80 Watts, Aluminium Body, Make: Encore, Model No. ESH-01G	Nos.	5
234	ESBEE Panel Lights: Rated Voltage - 240V AC, Color Temperature - 6000° K - 7000°K, IP Protection - IP 54, Housing Material - ABS, Mounting : Bracket Mount, CD : 299mm, Lens Polycarbonate - Clear Length x Width x Height - 315 x 30 x 45 mm, Features- Swivel/Magnet/Cascading, Lux @1 meter - 90, Operating Voltage- -20% to +10% of Rated Voltage, EMI-EMC - 4kKV Type of LED - 5 mm Th. Hole LEDs, No. of LED - 24 Power Consumption - <3W, Available Colours - Black, Operating Frequency - 50 / 60 Hz, Operating Temperature - -25° C to 65° C, Storage Temperature - -30° C to 70° C, LED Arrangement - Cluster, Surge Test - 4kV, Hv Test for 60 sec. - 2.5kV	Nos.	10
235	SECO Electronic Buzzer: Industrial Brand: SECO Voltage: 75-275 V AC/DC Sound output: less than 90dB Burden - less than 1.5 Watts Tone: 3 Tones (intermittent, continuous and bell sound) Front Panel Size: 96 x 96 mm	Nos.	1
236	LT Cable Route Marker with support Material: Cast Iron for disc and MS angle for support. Color: White And Black. Diameter: 4inch (100mm Head Diameter) Round disc Surface Finishing: Aluminium Paint Coated. Support L angle: 25 x 25 x 3 mm with 60mm height Disc: Two holes for mounting Letters : 3mm embossed letter		
a.	With one side arrow for direction indication	Nos.	20
b.	With two side arrow for direction indication	Nos.	30
c.	M.S. angle Support for the above route marker	Nos.	20
237	Panel Spiral Sleeves: Ultimate Elongation: 275% Tensile strength: 15.50 N/mm2 Temperature Range: -20 Deg C to +85 Deg C Durability:-Flammability resistance according to UL94-VO		
a.	Outer Diameter: 16mm sleeve with a bundle size of 25 meters	Bundle	2
b.	Outer Diameter: 9mm sleeve with a bundle size of 25 meters	Bundle	2
238	PVC FRLS wire ducts: Make: Salzer, Colour: Grey, Thin Cable Duct Slot type 'A' with standard S slot, anti slip with positive lock, Bottom Housing: B1		
a.	Size: 25x25 (standard size of 2 meters length)	length	5
b.	Size: 40x30 (standard size of 2 meters length)	length	2



239	MCB enclosure suitable for holding MCCB type DN2-250D, 4 P, suitable to accommodate 150 sq.mm 3.5 core cable and Make: L and T, Category No. CM910030000	Nos.	2
240	S10 4-65W SIN UV Lamp Starter: 220-240V WH UNP/12X25BOX (Qty. 30), System Description Single Power (Nom) 4 W 65 W Pulse Voltage (Min) 900 V Non Reclosure Voltage (Min) 140 V Voltage (Nom) 220-240 V Capacitor Yes Housing Color White Cap-Base Information 2 Pins, Make Philips	Pack	1
241	Supply of LED recess mount light fitting with frame: 1'x4' grid light of 28-30w having System Efficacy >125 lm/W, system output of 3600 lumens, THD <10%, PF>0.95, CRI >80, CCT 3000-3500, Body made of CRCA housing having PS diffuser, Life L70B50 @ 50k hrs. BIS compliant driver. Driver shall have 4kV Surge protection, Preferable/equivalent Make Philips: RC380B LED36S-4000 G5 L3W12 PSU OD + Outer frame to match the cutout	Nos.	10
242	Liquid level transmitter: Make: Equinox Model No EQ-PT 400 Accuracy : 0.5% FS Power supply: 12-30V DC Output 4-20mA cable length as per the range		
a.	Range 0-10mtrs H2O	Nos.	3
b.	Range 0-5mtrs H2O	Nos.	3
243	Actuator: Rotary Actuator for butterfly valves with the following specifications: 230V 50Hz AC, 10W, 0.3A consumption at nominal torque of 35Nm, Auxiliary switch 2 x SPDT, 3A 250V AC, manual override with flat spanner, 90 degree angle of rotation, 13 seconds running time, with mechanical position indicator, IP67 degree of protection, maintenance free, control open-close and 3point. Cast aluminium housing, overload protection, internal heater, Model No: SY1-230-3-T, Make: Belimo.	Nos.	2
244	Milky White 8 ft x 4 ft Matte Finish 6H Antiscratch Acrylic Laminate - 1 mm - 2 mm thick for lift light covering	Nos.	1
245	Cross Flow Fans for Elevator Cabin: Voltage: 220-230V, Frequency: 50-60Hz, Current: 0.10-0.13 Amps, Power: 22-27 Watts, Speed: 1250-1350 RPM, Air Flor: 340-360 m3/Hr., Noise: 47-50 dB, Preferred make and Model: NINGBO Grand fans Co. Limited, ZQF-330.	Nos.	5
246	300 mm Circular Fans for Elevator Cabin: Voltage: 220-230V, Frequency: 50-60Hz, Speed: 1250-1350 RPM, Air Flor: 340-400 m3/Hr., Diameter: 250-300 mm Noise: 47-50 dB, Preferred make: REMI for Johnson frieght lifts	Nos.	3



Declaration of Compliance of Order (Public Procurement No.1, 2 & 3) dtd 23-Jul-2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017

This declaration must form part of all tenders & it contains general information and serves as a declaration form for all bidders. (Before completing this declaration, bidders must study the General conditions. Definitions, Govt Directives applicable in respect of Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 & prescribed tender conditions).

DECLARATION BY AUTHORISED SIGNATORY OF THE FIRM

I, the undersigned, (full names), do hereby declare, in my capacity as of M/s. (name of bidder entity), that:

- 1) The facts contained herein are within my own personal knowledge.
- 2) I have read the Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on the subject of Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a land border with India and comply to all the provisions of the Order.
- 3) I certify that M/s. (name of bidder entity) **is not from such a country or, is from such a country (strike out whichever is not applicable)**, has been registered with the Competent Authority. I hereby certify that the SUPPLIER fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority is attached).
- 4) I understand that the submission of incorrect data and / or if certificate / declaration given by M/s. (name of bidder entity) is found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per clause 12 of the Public Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017.

AUTHORISED SIGNATURE: _____ **DATE:** _____

Seal / Stamp of Bidder

स्टेम कोशिका विज्ञान एवं पुनर्योजी औषधि संस्थान (डीबीटी-इनस्टेम)

जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान

Institute for Stem Cell Science and Regenerative Medicine (DBT- inStem)

An Autonomous Institute under Department of Biotechnology, Ministry of Science & Technology, Govt. of India



Bid Security Declaration for Order Value > Rs.5 Lakh
(to be submitted on Company's Letter Head)

I/We the undersigned hereby declare that if we withdraw or modify the bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document or fail to execute the contract, we will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.

Name and Signature
of Authorized Signatory
and Company Seal

GKVK, Bellary Road, Bangalore 560 065. India
Phone +91-80-61948096/97/98
email: purchase@instem.res.in, www.instem.res.in



Certificate for Local Content

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” Category. As being “Class – I Local Supplier”, we are eligible for Purchase Preference under “Make in India” Policy vide GOI Order No.P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020).

OR

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is more than 20% but less than 50% and come under “Class-II Local Supplier” Category.

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

- 1.
- 2.
- 3.

*Strike out whichever is not applicable

Date:

Seal & Signature of the Bidder

NOTE:

1. Self-certification that the item offered meets the minimum local content (as above) giving details of the location(s) at which the local value addition is made in case the bidder wishes to avail the benefits under the make in India policy, if applicable.
2. In cases of procurement for a value in excess of Rs.10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content to avail the benefits under the make in India Policy, if applicable.



DECLARATION BY AUTHORISED SIGNATORY OF THE FIRM

I, the undersigned, (full names),
do hereby declare, in my capacity as
of M/s (name of bidder entity), that:

- 1) The facts contained herein are within my own personal knowledge.
- 2) I have read the Order and 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 and confirm that I/we have not been convicted of an offence and not engaged in any of the acts as mentioned below:

A bidder shall be debarred if he has convicted of an offence-

- (a) under the Prevention of Corruption Act, 1988:

or

- (b) the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a Public Procurement Contract

AUTHORISED SIGNATURE:

DATE: _____

Seal / Stamp of Bidder