

Ref. No. INS/L-5782/2023-2024(M)

Date: 07.03.2024

**2 PART TENDER FOR SUPPLY OF SPARES FOR HVAC SYSTEM
(REFER ANNEXURE-A FOR BILL OF QUANTITY)**

This tender document contains Total 24 pages

Cost of Tender: Rs. 6.04 Lakhs

Last date for submission: 22/03/2024 till 14.00 hrs

Tender opening date & time: On 22/03/2024 at 14.30 hrs

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, Installation, Commissioning and Technical Support.

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 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 Manufacturers (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-4502/2/2017-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.
- 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. **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.

12. 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.

13. 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.

14. 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.

15. 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).

16. The Price shall be for inStem Stores.

17. 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.

18. 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.

19. 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.

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

21. 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.

22. 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).

23. 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.

24. 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.

25. 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

Annexure-A

Ref No: INS/L-5782/2023-2024(M)

Bill of Quantity

Sl	Type	Description	Specification	Units	Qty
1	AHU Belt	AHU Belt No. A45	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	7
2	AHU Belt	AHU Belt No. B46	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
3	AHU Belt	AHU Belt No. B44	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
4	AHU Belt	AHU Belt No. B42	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	4
5	AHU Belt	A46 BELT V BELT POLT-F+	A46 BELT POLY F PLUS V BELT	Nos.	4
6	AHU Belt	A44 BELT V BELT POLT-F+	A44 BELT POLY F PLUS V BELT	Nos.	6
7	AHU Belt	A43 BELT V BELT POLT-F+	A43 BELT POLY F PLUS V BELT	Nos.	10
8	AHU Belt	A40 BELT V BELT POLT-F+	A40 BELT POLY F PLUS V BELT	Nos.	10
9	AHU Belt	AHU Belt No. A39	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
10	AHU Belt	AHU BELT NO. A25	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
11	AHU Belt	A36 V BELT	BELT A36 POLY-F+ V BELT	Nos.	10
12	AHU Belt	AHU Belt Size: A 35	Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	15
13	AHU Belt	AHU Belt No. A34	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
14	AHU Belt	AHU Belt No. A32	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	20
15	AHU Belt	AHU Belt No. A31	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
16	AHU Belt	AHU Belt No. A83	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.		6

17	AHU Belt	AHU Belt Size: A 30	Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
18	AHU Belt	AHU Belt No. A37	Specification: Preferable/Equivalent Make: Fenner, Poly F Plus PB, Type : Classical Belts.	Nos.	10
19	Bearing	BALL BEARING 6206/2Z C3	Preferable/Equivalent Make: SKF BEARING NUMBER : 6206/2Z C3 , TYPE : SINGLE ROW DEEP GROOVE BALL BEARING)	Nos.	15
20	Bearing	UC 207 Radial Insert Ball Bearing	Preferable/Equivalent Make: SKF/NTN, Bore diameter: 35MM, Outside diameter: 72MM, Radial insert ball bearings UC, spherical outer ring, location by grub screws, RSR seals on both sides	Nos.	4
21	Consumables	Pin Type Lug Size: 2.5 Sqmm	Conductor Material: Copper, Wire Size: 2.5 Sqmm, Type: Pin, Plating/Coating: tin-plating/zinc plating, Connection Type: Crimp	Nos.	50
22	Consumables	Grease size : 1/2 Kg	Preferable/Equivalent Make: NBC, Type: Motor Bearing Lubrication Grease (Thick, semi-solid consistency for effective lubrication), Each Quantity size : 1/2 Kg, Load Carrying Capacity: High load-carrying capability to prevent wear and friction.	Nos.	15
23	Consumables	Self Tapping Screw Size: 1 Inch length.	Type: Screw with rubber gasket, Length: 1 Inch, Material: Hardened steel, Head Type: Flat, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
24	Consumables	Screw Size: 2 Inch length.	Length: 2 Inch, Material: Hardened steel, Head Type: flat head, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
25	Consumables	Screw Size: 1 Inch length.	Length: 1 Inch, Material: Hardened steel, Head Type: flat head, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
26	Consumables	Screw Size: 1/2 Inch length.	Length: 1/2 Inch, Material: Hardened steel, Head Type: flat head, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
27	Consumables	White Color Spary Paint 400 ML	Color: White, Finish: Gloss, Size: 400 ML Pack, Quick Drying with Gloss finish for Metal, Wood, and Walls.	Nos.	1
28	Consumables	Ring Type Lug Size: 2.5 Sqmm	Conductor Material: Copper, Wire Size: 2.5 Sqmm, Type: Ring, Plating/Coating: tin-plating/zinc plating, Connection Type: Crimp	Nos.	50

29	Consumables	Pin Type Lug Size: 4 Sqmm	Conductor Material: Copper, Wire Size: 4 Sqmm, Type: Pin, Plating/Coating: tin-plating/zinc plating, Connection Type: Crimp	Nos.	50
30	Consumables	Self Tapping Screw Size: 1 1/2 Inch length.	Type: Screw with rubber gasket, Length: 1 1/2 Inch, Material: Hardened steel, Head Type: Flat, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
31	Consumables	Electrical Insulation Tape	Preferable/Equivalent Make: Steelgrip, Self Adhesive PVC Electrical Insulation Tape - 1.8 Cm X 7 M X 0.125 mm, Colour : Red, Yellow, Blue, Black, Green , Quantity : Each 20 No's	Nos.	50
32	Consumables	Anchor Fastner Size: 8 MM	Type: Expansion Anchor, Size: 8mm, Material: Typically made of steel or stainless steel, Length: 50mm,	Nos.	30
33	Consumables	Anchor Fasteners Size: 10MM	Type: Expansion Anchor, Material: Steel, Size: 10MM, Installation Method: Drilling,	Nos.	25
34	Consumables	Duct Insulation Thickness: 09 MM	Preferable/Equivalent Make: Armaflex/Aeroflex/K-Flex, Type: Closed Cell (Class 0), Material Type : Elastomeric foam based on synthetic rubber(NBR)/ Nitrile Rubber, Insulation Thickness : 9mm, Each Quantity size : One Roll	Nos.	1
35	Consumables	Duct Insulation Thickness: 13 MM	Preferable/Equivalent Make: Armaflex/Aeroflex/K-Flex, Type: Closed Cell (Class 0), Material Type : Elastomeric foam based on synthetic rubber(NBR)/ Nitrile Rubber, Thickness: 13mm, Each Quantity size : One Roll (16mtrs*1.5mtrs/Sqmt: 17)	Nos.	1
36	Consumables	CRC Spray 500ML	Preferable/Equivalent Make: CRC (Multi use Electro cleaner), Each quantity Size: 500 ml, Corrosion Protection: Forms a protective barrier against moisture and corrosion, Water Displacement: Displaces water to prevent rust and electrical malfunctions, Penetration: Loosens rusted or stuck components for easier disassembly	Nos.	1
37	Consumables	Cotton waste Type: White	Industry purpose for cleaning, Type: White (Baniyan Cloth)	Kg	20
38	Consumables	WD 40 Multipurpose Spray Size : 500 ml	Preferable/Equivalent Make: Pedilite, Application: Multi-purpose lubricant, penetrant, rust remover, and water displacement spray with smart straw, Each quantity Size : 500 ml, Lubricates: Provides effective lubrication for moving parts to reduce friction, Penetrates: Penetrates and loosens rusted or stuck components	Nos.	4

39	Consumables	Self Tapping Screw Size: 1/2 Inch length.	Type: Screw with rubber gasket, Length: 1/2 Inch, Material: Hardened steel, Head Type: hex head, Drive Type: hex, Coating/Finish: zinc-plated/galvanized	Nos.	100
40	Consumables	Packing tape	Size: 3 Inches X 65 Mtrs, Colour: Black	Nos.	10
41	Consumables	Duct tape	Preferable/Equivalent Make: ETI, Product Type: Duct Tape, Colour : Grey & White, Size : 72mm * 25 Mtrs	Nos.	20
42	Consumables	Spray Foam Insulation Can Qty: 750 ml	Preferable/Equivalent Make: Pedilite/Soudal Soudafoam-1K, Application: Thermal insulation and air sealing for various building and construction applications (Industrial grade), Each Quantity size: 750 ml, Insulation Performance: Provides effective thermal insulation to enhance energy efficiency Air Sealing: Creates an airtight barrier, reducing heat loss and preventing drafts, Adhesion: Bonds to various surfaces for seamless insulation coverage, Expansion: Expands to fill gaps, cracks, and irregularities for complete coverage	Nos.	5
43	Consumables	Screw Size: 1.5 Inch length.	Length: 1.5 Inch, Material: Hardened steel, Head Type: flat head, Drive Type: Phillips, Coating/Finish: zinc-plated/galvanized	Nos.	100
44	Consumables	Self Tapping Screw Size: 1 Inch length.	Type: Screw with rubber gasket, Length: 1 Inch, Material: Hardened steel, Head Type: hex head, Drive Type: hex, Coating/Finish: zinc-plated/galvanized	Nos.	100
45	Consumables	Cable Tag Size: 300MM	Size: 300MM Length, Material: Made of durable materials such as PVC, polyester, or heat-shrinkable materials, Fastening Mechanism: Ties, Color: White/Black.	Nos.	100
46	Consumables	Cable Tag Size: 150MM	Size: 150MM Length, Material: Made of durable materials such as PVC, polyester, or heat-shrinkable materials, Fastening Mechanism: Ties, Color: White/Black.	Nos.	100
47	Consumables	Threaded Rod Size: 8MM	Diameter: 8MM, Material: Stainless Steel, Thread Standard: Metric, Length: 6 Feet, Application: Used to support duct/chilled water pipe line	MTR	30
48	Consumables	Self Tapping Screw Size: 1 1/2 Inch length.	Type: Screw with rubber gasket, Length: 1 1/2 Inch, Material: Hardened steel, Head Type: hex head, Drive Type: hex, Coating/Finish: zinc-plated/galvanized	Nos.	100
49	Consumables	Cable Tag Size: 200MM	Size: 200MM Length, Material: Made of durable materials such as PVC, polyester, or heat-shrinkable materials, Fastening Mechanism: Ties, Color: White/Black.	Nos.	100

50	Consumables	Threaded Rod Size: 10MM	Diameter: 10MM, Material: Stainless Steel, Thread Standard: Metric, Length: 6 Feet, Application: Used to support duct/chilled water pipe line	MTR	20
51	Consumables	Cable Tag Size: 250MM	Size: 250MM Length, Material: Made of durable materials such as PVC, polyester, or heat-shrinkable materials, Fastening Mechanism: Ties, Color: White/Black.	Nos.	100
52	Device	Thermometer with Himidity Incubator Meter LCD Digital Clock	Thermometer with Himidity Incubator Meter and accurate Temp Indicator Wall Mounting LCD Digital Clock Monitor for Indoor/ Outdoor (White)	Nos.	2
53	HVAC Elec Spare	Plug Top 3 Pin Capacity: 5 Amps	Number of Pins: 3, Voltage Rating: 230 VAC, Current Rating: 5 Amps, Material: made of durable and fire-resistant materials.	Nos.	3
54	HVAC Elec Spare	Capacitor Capacity: 200-250 MFD (Starting)	Capacity: 200 to 250 MFD, Application: Cold Room Compressor (Starting Winding)	Nos.	2
55	HVAC Elec Spare	Metal Exhaust Fan Size: 250MM (10 Inch)	Preferable/Equivalent Make: Anchor/Atomberg/havells, Exhaust Vent Dx Fan, Corded Electric, whisper quite operation, Wall Mountable, Automatic back dampers, Body Material: Metal, Sweep: 250 mm, Air Delivery>500 CMH, Noise Level: 42 dB, No. of Blades: 5, Voltage: 230V, Colour: Black, Warranty: 2 Years	Nos.	4
56	HVAC Elec Spare	Brass Gland Size: 1 Inch	Type: Single Compression Cable Gland, Size: 1", Body Material: Brass, Sealing Material: Rubber/Neoprene, Thread Type: Metric	Nos.	10
57	HVAC Elec Spare	MS Bend 45 Degree Size:25MM	Material: Mild Steel (MS), Bend Angle: 45-degree with service cover, Size: 25MM	Nos.	10
58	HVAC Elec Spare	MS Bend 45 Degree Size:19MM	Material: Mild Steel (MS), Bend Angle: 45-degree with service cover, Size: 19MM	Nos.	10
59	HVAC Elec Spare	Metal Flexible Conduit Size:25	Material: Glavanized Iron, Size: 25MM, Construction: Metal flexible conduits are constructed with a helical or interlocking design that allows for flexibility while maintaining the integrity of the conduit,	MTR	50
60	HVAC Elec Spare	Metal Flexible Conduit Size:19	Material: Glavanized Iron, Size: 19MM, Construction: Metal flexible conduits are constructed with a helical or interlocking design that allows for flexibility while maintaining the integrity of the conduit,	MTR	50

61	HVAC Elec Spare	MS Conduit Size: 25 MM	Material: Mild Steel, Size: 25MM, Gauge: 16SWG, Application: Electrical.	MTR	30
62	HVAC Elec Spare	Single Pole 6 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 6 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	10
63	HVAC Elec Spare	2 Core X1.5 Sqmm Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Number of Cores: 2, Conductor Size: 1.5 sqmm, Conductor Material: Copper, Stranding: stranded, Insulation Material: PVC (Polyvinyl Chloride), Voltage Rating: 500V, Sheath Material: PVC	MTR	100
64	HVAC Elec Spare	4 Core X1.5 Sqmm Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Number of Cores: 4, Conductor Size: 1.5 sqmm, Conductor Material: Copper, Stranding: stranded, Insulation Material: PVC (Polyvinyl Chloride), Voltage Rating: 500V, Sheath Material: PVC	MTR	100
65	HVAC Elec Spare	Plastic Enclosure Electrical Junction Box	Make: Reputed Make, Size: 150mmx110mmx70mm, IP Rating: IP65 Waterproof, Mount: Wall Mount, Inside: DIN Rail required to fix Contactors and Timer.	Nos.	10
66	HVAC Elec Spare	1.5 Sqmm FRLS Copper Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Conductor Size: 1.5 Sqmm, Material: Copper, Insulation Material: Flame-retardant low-smoke (FRLS) insulation material, Color: Red/Black/Green Each One, Standard Length: 90 Meter Coil, Voltage Rating: 500V, Sheath Material: Flame-retardant low-smoke (FRLS) sheath material	MTR	270
67	HVAC Elec Spare	Three Pole Neutral 32 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 32 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5
68	HVAC Elec Spare	Three Pole Neutral 20 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 20 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5

69	HVAC Elec Spare	2.5 Sqmm FRLS Copper Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Conductor Size: 2.5 Sqmm, Material: Copper, Insulation Material: Flame-retardant low-smoke (FRLS) insulation material, Color: Red/Black/Green Each One, Standard Length: 90 Meter Coil, Voltage Rating: 500V, Sheath Material: Flame-retardant low-smoke (FRLS) sheath material	MTR	270
70	HVAC Elec Spare	Three Pole 32 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 32 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5
71	HVAC Elec Spare	MS Conduit Size: 19 MM	Material: Mild Steel, Size: 19MM, Gauge: 16SWG, Application: Electrical.	MTR	30
72	HVAC Elec Spare	4 Sqmm FRLS Copper Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Conductor Size: 4 Sqmm, Material: Copper, Insulation Material: Flame-retardant low-smoke (FRLS) insulation material, Color: Red/Black/Green Each One, Standard Length: 90 Meter Coil, Voltage Rating: 500V, Sheath Material: Flame-retardant low-smoke (FRLS) sheath material	MTR	90
73	HVAC Elec Spare	Capacitor: 1 microfarad (1 μ F)	Capacitance: 1 microfarad (1 μ F), Voltage Rating: 450V AC, Frequency: 50Hz,	Nos.	5
74	HVAC Elec Spare	3 Core X 2.5 Sqmm Cable	Preferable/Equivalent Make: Polycab/KEI/Finolex, Number of Cores: 3, Conductor Size: 2.5 sqmm, Conductor Material: Copper, Stranding: stranded, Insulation Material: PVC (Polyvinyl Chloride), Voltage Rating: 500V, Sheath Material: PVC	MTR	100
75	HVAC Elec Spare	Two Pole 20 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 20 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5
76	HVAC Elec Spare	AHU Limit switch ME-8108	Model: ME-8108, Rotary Adjustable Roller Lever Arm Mini Limit Switch, Voltage Rating: AC 250V, 5A / DC 115V, 0.4A, Type : Rotary adjustable lever arm with a roller. Automatic Reset, Contact configuration : 2 NC + 2 NO.	Nos.	5

77	HVAC Elec Spare	Plug Top 3 Pin Capacity: 15 Amps	Number of Pins: 3, Voltage Rating: 230 VAC, Current Rating: 15 Amps, Material: made of durable and fire-resistant materials.	Nos.	3
78	HVAC Elec Spare	Motor protection Circuit breaker (MPCB) Range: 1.6-2.5 Amps	Preferable/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
79	HVAC Elec Spare	Three Pole 20 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 20 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5
80	HVAC Elec Spare	Thermal Overload Relay(OLR) Range: 1.4 - 2.3 Amps	Preferable/Equivalent Make: L & T, Range: 1.4 - 2.3 Amps, Type: MN-2 Thermal overload Relay, Reset Type: Automatic/Manual.	Nos.	5
81	HVAC Elec Spare	Two way Control Box with Voltmeter & Selector Switch	Model: B0BVJBK8ZQ, Switch Type: Spring Return Selector Switch, Meter: VoltMeter, Control: 2 way (ON/OFF).	Nos.	2
82	HVAC Elec Spare	Thermal Overload Relay(OLR) Range: 2 - 2.3 Amps	Preferable/Equivalent Make: L & T, Range: 2 - 2.3 Amps, Type: MN-2 Thermal overload Relay, Reset Type: Automatic/Manual.	Nos.	10
83	HVAC Elec Spare	Selector Switch Type: NO & NC	Selector Switch Type: Rotary selector switch, Number of Positions: 2-position, Contact Types: NO (Normally Open) and NC (Normally Closed) contacts, Voltage Rating: 230VAC, Current Rating: 10 Amps, Mounting Type: panel mount,	Nos.	10
84	HVAC Elec Spare	THERMAL OVERLOAD RELAY(OLR) Range:14-23 Amps	Preferable/Equivalent Make: L&T, Range:14-23 Amps, Type:MIN-2 thermal overload relay, Reset type:Automatic/manual	Nos.	2
85	HVAC Elec Spare	Brass Gland Size: 3/4 Inch	Type: Single Compression Cable Gland, Size: 3/4", Body Material: Brass, Sealing Material: Rubber/Neoprene, Thread Type: Metric	Nos.	10
86	HVAC Elec Spare	Single Pole 10 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 10 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	10

87	HVAC Elec Spare	Power Contactor (25/9 Amps)	Preferable/Equivalent Make: L&T, Series/Model: MNX 9,3 Pole Power Contactor, AC 1 Rating (A): 25, AC 3 Rating (A): 9, Auxiliary Contacts : 1 NO, Coil Voltage : 230 Volts AC.	Nos.	5
88	HVAC Elec Spare	Plastic Exhaust Fan Size: 250MM (10 Inch)	Preferable/Equivalent Make: Crompton/havells, Exhaust Vent Dx Fan, Corded Electric, whisper quite operation, Wall Mountable, Automatic back dampers, Material: Sturdy Engg Plastic, Sweep: 250 mm, Air Delivery>500 CMH, Noise Level: 42 dB, No. of Blades: 5, Voltage: 230V, Colour: White, Warranty: 2 Years	Nos.	3
89	HVAC Elec Spare	Add On Auxiliary Contact Block (1 NC)	Preferable/Equivalent Make: L&T, Type : Front Mounting Add On Auxiliary Contact Block for MNX Series contactors, Auxiliary Contacts: 1 NC	Nos.	2
90	HVAC Elec Spare	Two Pole 10 Amps Miniature Circuit Breaker (MCB)	Preferable/Equivalent Manufacturer: Siemens/Schnider/L&T, Rated Current (Ie): 10 A, Rated Voltage (Ue): 230V, Frequency: 50 Hz, Breaking Capacity: 6/10 kA, Short-Circuit Protection: Integrated short-circuit protection, Trip Curve: C	Nos.	5
91	HVAC Spare	AHU's Service Door Keel	Make: Reputed Make, Type: To be suitable for all type of AHU's, Material: Plastic, Fixing: To be fix over PUF insulated GI Panel, Application: AHU's	Nos.	20
92	HVAC Spare	Allen Bolt Cap Screw Size: 6MM X 30 MM	Material: Carbon Steel/SS, Thread Size: M6 (6mm diameter), Length: 30mm, Head Type: Cap Screw (socket head), Drive Type: Allen (hex socket)	Nos.	50
93	HVAC Spare	IDU Blower Motor for Split Air Conditioner	Air Conditioner Make: Blue Star, Motor Model: ZWR50-F / FN60B-ZL Motor Type: Brushless DC Motor, Supply Voltage: DC 310V Rated, RPM (Revolutions Per Minute): 1500 RPM, Speed Control: Three-speed control, Ingress Protection (IP) Rating: IP20	Nos.	3
94	HVAC Spare	Float Switch for Cooling Tower Sump	Material of Wetted part: Polyproplyn, Switch Type: Micro Switch & 1 SPDT, Rating: 16 Amps 250VAC, Extension Cable: 5 MTR PVC, Enclosure Protection: IP68. Max Operating Temperature: 60 Deg C & Max Operating Pressure: 4 Bar.	Nos.	3
95	HVAC Spare	Reciprocating Compressor R 404 A (For DHRH Cold Storage)	Preferable/Equivalent Make: Emerson, Model: KCM514CAL, Application: Medium Temp, Refrigerant: 404 A, Electrical Circuit: Common Start Common Run (CSCR), Operating Voltage: 1 Ph, 230 Volt/50Hz. For Bluestar Outdoor Model: RUAHOP1514.	Nos.	1

96	HVAC Spare	SS Shielded Coupling Size: 55 mm ID	Size: 55 mm Inner Dia, Rust free, Seal Type: Rubber.	Nos.	2
97	HVAC Spare	Chilled Water System Two Way Valve Seat Plug	Preferable/Equivalent Make: Flowcon, Model: FLOW00079/ SM2.1 - Seat Plug Kit Valve Size: 40mm.	Nos.	2
98	HVAC Spare	PICV Valve Green insert (Only Insert Piece without body)	Preferable/Equivalent Make: Flowcon, Model: Green.2, Diaphragm Insert size: 40 mm, Type: Green insert 40mm, Material: Hydrogenated acrylonitrile-butadiene-rubber, Internal metal, components: Stainless steel, applicable for: DN25/32 (1"-1 1/4") PIVC valves, Pressure rate: PN25, Flow rate: 0.0103-1.29 l/sec (0.163-20.4 GPM). NOTE: If required sample will be provided.	Nos.	3
99	HVAC Spare	AHU's Service Door Locks cum Handle	Make: Reputed Make, Type: To be suitable for all type of AHU's, Material: Plastic, Fixing: To be fix over PUF insulated GI Panel, Application: AHU's	Nos.	20
100	HVAC Spare	Double 'B' Groove Pulley 150 MM PCD	Double 'B' Groove Pulley 150 MM PCD with Hub Size: 42 MM, Type: 'B' Groove, Category: V-Type, Lock Type: Tapper	Nos.	2
101	HVAC Spare	6MM Bolt & Nut with Washer	Size: 6MM, Length: 1 Inch, Material: stainless steel, Thread Standard: Metric, Strength Grade: Grade 4.8.	Nos.	50
102	HVAC Spare	Double 'B' Groove Pulley 115 MM PCD	Double 'B' Groove Pulley 115 MM PCD with Hub Size: 24 MM, Category: V-Type, Lock Type: Tapper	Nos.	1
103	HVAC Spare	AHU's Service Door & Panel Nob	Cylindrical Premier AHU Panel Lock Knob, Make: Reputed Make, Type: To be suitable for all type of AHU's, Material: Plastic & threaded part should be SS, Fixing: To be fix over PUF insulated GI Panel, Application: AHU's	Nos.	30
104	HVAC Spare	Double 'B' Groove Pulley 90 MM PCD	Double 'B' Groove Pulley 90 MM PCD with Hub/Shaft Size: 19 MM, Category: V-Type, Lock Type: Tapper	Nos.	2
105	HVAC Spare	Two Way Valve Actuator Size: DN 40 to 100	Preferable/Equivalent Make: Danfoss, Model: AME 435 QM, Nominal Voltage: 24 VAC or VDC, Control Input Signal: 0(4) to 20 mA or 0(2) to 10 V, Force: 400 N, Stroke: 20MM, Speed (selectable): 7.5 s/mm or 15 s/mm, Self calibrating, LED signalling, External reset button, Output Signal, Manual Operation.	Nos.	5

106	HVAC Spare	Analog Timer Controller For Split AC's	Preferable/Equivalent Make: L&T GIC, Cat No: J848B1, Model: FM/1 QW Quartz, Type: Weekly Dial Analog Manual Time Switch, Voltage: 240VAC, Mounting: Base/DIN Mounting.	Nos.	10
107	HVAC Spare	8MM Bolt & Nut with Washer	Size: 8MM, Length: 1 Inch, Material: stainless steel, Thread Standard: Metric, Strength Grade: Grade 4.8.	Nos.	50
108	Plumb	MS Ball Valve Size: 32mm	Valve Type: Ball Valve, Material: Mild Steel (MS), Size: 32mm (1-1/4 inches), Body Material: Mild Steel, Ball Material: Stainless Steel, Stem Material: Stainless Steel, Seat Material: PTFE (Polytetrafluoroethylene), 90-degree rotational movement for easy on/off control, End Type: Female Threaded (BSPT or NPT), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 150°C, Lever Handle: Designed for easy operation and visual indication of valve position (open/closed).	Nos.	2
109	Plumb	Hose Clamps Size: 150 to 200 mm	Material : Stainless Steel, Size: 150 - 200 mm	Nos.	2
110	Plumb	Hose Clamps Size: 200 to 250 mm	Material : Stainless Steel, Size: 200 - 250 mm	Nos.	2
111	Plumb	CPVC End Cap Size: 20 mm (3/4 Inch)	Preferable/Equivalent Make: Finolex/ Supreme/ Astral, Type: End Cap, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 20 mm (3/4 Inch), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
112	Plumb	CPVC Male Adaptor Plastic Threaded fitting (MAPT) Size: 32 mm	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Adapter Type: CPVC Male Adapter (MAPT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1-1/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
113	Plumb	Cooling Tower Sump Float Valve Size 50 MM	Cooling Tower Makeup Water Float Valve Size: 50mm, Ball: Plastic Screwed Male Inlet, Body: Bronze/Gun Metal, Pressure Rating: PN10, Make: Leader/Any Reputed Make.	Nos.	3

114	Plumb	PVC Hose Pipe Inner Dia: 25mm, Outer Dia: 27mm	Type : PVC Nylon Braided Hose Pipe, Reinforcement: Braided with nylon threads for added strength and durability, Inner Dia: 25mm, Outer Dia: 27mm, Pressure: 3 to 10 bar, Resistance: Resistant to abrasion, kinking, and weathering, Versatility: Suitable for a wide range of applications including water, air, chemicals, and more	Mtrs	25
115	Plumb	Hose Clamps Size: 250 to 300 mm	Material : Stainless Steel, Size: 250 - 300 mm	Nos.	2
116	Plumb	CPVC Union Size: 25 mm (1 Inch)	Preferable/Equivalent Make: Prakash/ Surya/ Astrall/ Finolex/ Supreme/ Ashirvad, Strainer Type: Basket Strainer, Size: 25 mm (1 inch), Union Type: Slip x Slip, Connection Type: Slip (Solvent Weld)	Nos.	2
117	Plumb	CPVC Tee Size: 32 mm	Preferable/Equivalent Make: Prakash/ Surya/ Astrall/ Finolex/ Supreme/ Ashirvad, Type: Tee, Size: 32 mm (1 1/4 inch), Material: CPVC, Class - 1	Nos.	5
118	Plumb	CPVC Tee Size: 20 mm (3/4 Inch)	Preferable/Equivalent Make: Prakash/ Surya/ Astrall/ Finolex/ Supreme/ Ashirvad, Type: Tee, Size: 20 mm (3/4 inch), Material: CPVC, Class - 1	Nos.	7
119	Plumb	CPVC Pipe Size: 40 mm	Preferable/Equivalent Manufacturer: Ashirvad/Prakash, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 40mm (1-1/2 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	MTR	5
120	Plumb	CPVC Pipe Size: 32 mm	Preferable/Equivalent Manufacturer: Ashirvad/Prakash, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1-1/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	MTR	5
121	Plumb	CPVC Pipe Size: 25 mm (1 Inch)	Preferable/Equivalent Make: Prakash/ Surya/ Astrall/ Finolex/ Supreme/ Ashirvad, Type: Pipe(SDR11) , Size: 25 mm (1 inch), Material: CPVC	MTR	10
122	Plumb	CPVC Pipe Size: 20mm (3/4 Inch)	Preferable/Equivalent Make: Prakash/ Surya/ Astrall/ Finolex/ Supreme/ Ashirvad, Type: Pipe(SDR11) , Size: 20mm (3/4 inch), Material: CPVC	MTR	10

123	Plumb	CPVC Elbow Size: 32 mm	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Elbow Type: 90 Deg, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1-1/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within - 10°C to 80°C	Nos.	5
124	Plumb	CPVC Nipple Size: 32 mm (1 1/4 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Nipple, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1 1/4 inches), Connection Type: Male Threaded on both ends (MPT/MNPT), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	2
125	Plumb	CPVC Solvent Size: 100 ml.	Preferable/Equivalent Make: M Seal, Suitable For: CPVC/UPVC Pipes And Fittings, Each quantity Size: 100 ml.	Nos.	3
126	Plumb	CPVC Elbow Size: 40 mm (1 1/2 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Elbow Type: 90 Deg, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 40mm (1-1/2 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within - 10°C to 80°C	Nos.	5
127	Plumb	CPVC Elbow Size: 25MM (1 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Elbow Type: 90 Deg, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 25mm (1 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within - 10°C to 80°C	Nos.	10
128	Plumb	PVC Solvent Size: 100 ml	Preferable/Equivalent Make: Supreme/M- Seal, Suitable For: PVC Pipes And Fittings, Each quantity Size: 100 ml	Nos.	1
129	Plumb	CPVC Ball Valve Size: 40MM (1 1/2 Inch)	Preferable/Equivalent Manufacturer: Ashivard, Valve Type: Ball Valve, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 40mm (1-1/2 inches), 90- degree rotational movement for easy on/off control, Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	1
130	Plumb	CPVC Collar Size: 20 mm (3/4 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Collar, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 20mm (3/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5

131	Plumb	CPVC Collar Size: 32 mm (1 1/4 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Collar, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1 1/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
132	Plumb	CPVC Nipple Size: 50 mm (2 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Nipple, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 50mm (2 inches), Connection Type: Male Threaded on both ends (MPT/MNPT), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	2
133	Plumb	CPVC Elbow Size: 20 mm (3/4 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Elbow Type: 90 Deg, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 20mm (3/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within - 10°C to 80°C	Nos.	5
134	Plumb	CPVC Male Adaptor Plastic Threaded fitting (MAPT) Size: 25 mm (1 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Adapter Type: CPVC Male Adapter (MAPT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 25mm (1 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
135	Plumb	CPVC Female Adapter Plastic Threaded (FAPT) Size: 20 mm (3/4 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Female Adapter Plastic Threaded (FAPT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 20mm (3/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
136	Plumb	CPVC Female Adapter Brass Threaded (FABT) Size: 25 to 12 mm (1 to 1/2 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Female Adapter Brass Threaded (FABT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 25 to 12 mm (1 to 1/2 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	2
137	Plumb	CPVC Female Adapter Plastic Threaded (FAPT) Size: 50 mm	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Type: Female Adapter Plastic Threaded (FAPT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 50mm (2 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	1

138	Plumb	CPVC Male Adaptor Brass Threaded fitting (MABT) Size: 32 mm	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Adapter Type: CPVC Male Adapter (MABT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 32mm (1-1/4 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	1
139	Plumb	CPVC (MAPT) Size: 20mm (3/4 Inch) X 12mm (1/2 Inch)	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Adapter Type: CPVC Male Adaptor Plastic Threaded fitting (MAPT), Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 20mm (3/4 Inch) X 12mm (1/2 Inch), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	Nos.	5
140	Plumb	CPVC Collar Size: 40 mm	Preferable/Equivalent Manufacturer: Ashivard/Prakash, Coupler Type: Socket Coupler, Material: CPVC (Chlorinated Polyvinyl Chloride), Size: 40mm (1-1/2 inches), Maximum Working Pressure: PN16, Suitable for working temperatures within -10°C to 80°C	MTR	2
141	Sensors	Room Thermostat to Control VAV units	Preferable/Equivalent Make: Johnson Controls, Model: TE73029C-0, Connection Type: Modular Jack, Temperature Setpoint Range: 15 to 29 DegC (Adjustable), Temperature Sensor Type: Platinum 1K ohm thin film resistive, Temperature Sensor Accuracy: 0.56 DegC at 21 DegC	Nos.	5
142	Tools	Pressure Gun of Bosch High Pressure Washer	Preferable/Equivalent Make: Bosch, Pressure Pump Model: Easy Aquatak 120, Gun Model No: F016F04796. The respective trigger handle should be suitable to the above mentioned pump model no.	Nos.	1
143	Tools	LED Rechargeable adjustable head lamp	Lumens: 1500 - 2000, illumination: 5000 - 5500 Lux, Wattage: 40 - 60 Watts, Battery Type: Rechargeable, Angle of adjustment : Swivels 90 degree angle	Nos.	2

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

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

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