

Ref: INS/L-5635/2020-2021(Y)

Date : 06/03/2021

## ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

| Sl.No | Cat.No | Item Description  | Make/Model | Item Qty | UOM |
|-------|--------|---|------------|----------|-----|
| 1     |        | HVAC items for replacement of existing items/retrofit items (Specifications Attached) | standard   | 1.00     | Set |

**Note :** The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc) of NCBS, Instem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc)

\*\*inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. \*\*

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for \_\_\_\_\_" Ref No : \_\_\_\_\_. The bids should be addressed and to be mailed to "THE HEAD-PURCHASE". The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

### 2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS

11/03/2021

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.





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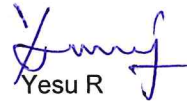
Date : 06/03/2021

**12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.**

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Institute For Stem Cell  
Science and Regenerative Medicine

  
Yesu R

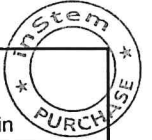
GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666343/344/345/346

Email Id: purchase@ncbs.res.in

Fax : 91-80-23636662

Website : www.ncbs.res.in



If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

| HVAC items for inStem           |   |  |   |      |     |
|---------------------------------|---|--|---|------|-----|
| TWO WAY VALVE AND ACTUATOR LIST |   |  |   |      |     |
| Si No                           | MATERIAL  | MATERIAL DESCRIPTION   |   | Unit | QTY |
| 1                               | TWO WAY VALVE<br>(TYPE : PRESSURE INDEPENDENT CONTROL VALVE (PICV VALVE ) ) | MAKE : SIEMENS<br>STOCK NO : S55264-V127   | MODEL NO : VPI46.25F1.8Q<br>TWO WAY VALVE SIZE : 25 MM<br>TYPE OF END CONNECTION : FEMALE THREADED END CONNECTION | Nos  | 4   |
| 2                               | TWO WAY VALVE<br>(TYPE : PRESSURE INDEPENDENT CONTROL VALVE (PICV VALVE ) ) | MAKE : SIEMENS<br>STOCK NO : S55264-V127   | MODEL NO : VP146.32F4Q<br>TWO WAY VALVE SIZE : 32 MM<br>TYPE OF END CONNECTION : FEMALE THREADED END CONNECTION   | Nos  | 3   |
| 3                               | ACTUATORS<br>(TYPE : CHILLED WATER VALVE ACTUATOR )                         | MAKE : SIEMENS<br>POWER SUPPLY : 24 V AC   | MODEL NO : SSA61EP<br>CONTROL SIGNAL VOLTAGE:0-10V DC   | Nos  | 8   |
| 4                               | TWO WAY VALVE (TYPE : DYNAMIC SELF BALANCING CONTROL VALVE )                | MAKE : FLOWCON<br>TWO WAY VALVE SIZE : 40 MM<br>THREADED END CONNECTION  | MODEL NO : SM2 DN 25/32/40<br>TYPE OF END CONNECTION : MALE   | Nos  | 4   |
| 5                               | ACTUATORS<br>(TYPE : CHILLED WATER VALVE ACTUATOR)                          | MAKE : FLOWCON<br>POWER SUPPLY : 24 V AC   | MODEL NO : SM.0.0.0.1<br>CONTROL SIGNAL VOLTAGE:0-10V DC  | Nos  | 7   |
| BEARING LIST                    |   |  |   |      |     |
| SL NO                           | MATERIAL  | MATERIAL DESCRIPTION   |   | Unit | QTY |
| 1                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6206/ZZ C3   | Nos  | 20  |
| 2                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6205/ZZ C3   | Nos  | 20  |
| 3                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6204/ZZ C3   | Nos  | 15  |
| 4                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6203/ZZ C3   | Nos  | 20  |
| 5                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6209/ZZ C3   | Nos  | 15  |
| 6                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6208/ZZ C3   | Nos  | 15  |
| 7                               | BALL BEARING<br>(TYPE : SINGLE ROW DEEP GROOVE BALL BEARING )               | MAKE : SKF   | BEARING NUMBER : 6309/ZZ C3   | Nos  | 10  |
| SL.NO                           | MATERIAL  | MATERIAL DESCRIPTION   |   | Unit | QTY |
| 1                               | THERMOSTATIC TEMPERATURE SWITCH   | MODEL : KSD 9700 SERIES THERMAL PROTECTOR<br>SWITCH TYPE : NORMALLY CLOSED RANGE : 250 V, 5 A, 50 DEGREE CELSIUS |   | Nos  | 50  |
| 2                               | FIRE DAMPER ACTUATOR  | MAKE : BELIMO<br>VOLTAGE RANGE : 24 - 230V AC, 50 HZ<br>TYPE : SPRING RETURN ACTUATOR TORQUE : 10 Nm             | MODEL NO : NFS-S2   | Nos  | 8   |
| 3                               | FIRE/SMOKE DAMPER CONTROL PANEL   | MAKE : SYSTEMAIR<br>VOLTAGE : 24 V AC  | MODEL NO : CCCP A-1   | Nos  | 5   |
| 4                               | AC REFRIGERANT AIR VACCUM PUMP  | MAKE : IREX<br>TYPE : TWO STAGE VACCUM<br>ULTIMATE VACCUM : 15 MICRONS   | MODEL NO : RX 6D<br>CAPACITY : 12 CFM<br>HP: 1 HP   | Nos  | 1   |





|    |  |  |   |     |    |
|----|--|--|---|-----|----|
| 5  | DIGITAL MEGGAR TESTER / MEGGAR RESISTANCE TESTER                     | MAKE : FLUKE<br>INSULATION TESTER<br>DC<br>V AC/DC<br>: 0.01MΩ - 10.00GΩ ± (10%+0.2GΩ)<br>CIRCUIT CURRENT : 1 mA<br>FEAUTERS : MULTIMETER FUNCTIONS (EX: AC AND DC VOLTAGE TEST AND CONTINUITY TEST )  | MODEL NO : FLUKE-2427890 1507<br>OUTPUT VOLTAGE RANGE : 50 -1000 V<br>VOLTAGE MEASURING RANGE : 0.1 - 600<br>INSULATION RESISTANCE MEASURING RANGE<br>SHORT | Nos | 1  |
| 6  | BUTTER FLY VALVE   | MAKE : ZOLOTO<br>MODEL NO : PL.VA.BU.514830<br>LEVER OPERATED DISC : CAST IRON   | SIZE : 50 MM<br>OPERATING TYPE :  | Nos | 2  |
| 7  | BENCH WISE<br>(TYPE : SWIVEL BASE HEAVY DUTY ANVIL )                 | MAKE : SMITH<br>CODE NO : ST 102<br>SIZE IN INCHES : 8 X 8<br>JAW OPENING : 225 MM<br>ANVIL  | MODEL NO : HSN CODE 8205,<br>MATERIAL : CAST IRON<br>JAW WIDTH : 200 MM<br>TYPE : SWIVEL BASE HEAVY DUTY ANVIL  | Nos | 1  |
| 8  | TEMPERATURE ADJUSTABLE SOLDERING STATION KIT                         | TEMPERATURE RANGE : 200 - 450 DEGREE CELSIUS<br>POWER CONSUMPTION : 60 WATTS<br>V 50 HZ<br>OPTIONAL SOLDERING NOZZLES FOR CONVENIENT CHANGE<br>IN SOLDERING STATION KIT : SOLDERING STATION, TIP CLEANER, SOLDER FLUX PASTE, WICK, DESOLDER PUMP, SOLDER WIRE, TWEEZER, SPONGE, SOLDERING TIP 4 NOS. | INPUT / OUTPUT VOLATGE : 230 / 24<br>ANALOG / DIGITAL TYPE  | Nos | 1  |
| 9  | 100 WATT HOT GLUE GUN WITH GLUE STICKS                               | VOLTAGE : 230 VOLTS, 50 HZ<br>GLUE STICKS : 25 NO'S  | WATTAGE : 100 WATTS   | Nos | 1  |
| 10 | CAPACITOR<br>( TYPE : MOTOR START CAPACITOR FOR AIR CONDITIONER )    | MAKE : ARISTO<br>VOLTAGE : 230 VOLTS AC  | CAPACITANCE RANGE : 80-100 MFD<br>PART NUMBER : HLR3800-3F3C-4  | Nos | 12 |
| 11 | CAPACITOR<br>( TYPE : MOTOR RUN CAPACITOR FOR AIR CONDITIONER )      | MAKE : CONCAP<br>: 440 VOLTS AC  | CAPACITANCERANGE : 36 MFD<br>VOLTAGE  | Nos | 10 |
| 12 | CAPACITOR<br>(TYPE : MPP ROUND DUAL CAPACITOR FOR AIR CONDITIONER )  | MAKE : GLOBE CAPACITORS (GC)<br>AFC P2<br>CAPACITANCE RANGE : 40 + 5 MFD   | MODEL NO : GCS-RD 40/85/21 10000<br>TYPE : DUAL CAPACITOR   | Nos | 5  |
| 13 | POTENTIAL TYPE MOTOR STARTING RELAY<br>(TYPE : FOR AIR CONDITIONING) | MAKE : GOODSPEC<br>COIL WORKING VOLATGE : 107 - 502 VOLTS AC<br>RATED OPERATIONAL CURRENT(Ie) - 16 AMPS  | MODEL NO : HLR3800-3F3C-4   | Nos | 5  |
| 14 | SINGLE POLE CONTACTOR<br>(TYPE : FOR AIR CONDITIONING )              | MAKE : CHINT ELECTRIC<br>VOLTAGE : 230 VOLTS AC<br>LOCKED ROTOR AMPS (LRA) : 240   | MODEL NO : NCK3-40/1<br>FULL LOAD AMPS (FLA) : 40 AMPS  | Nos | 10 |
| 15 | LED RECHARGEABLE ADJUSTABLE HEAD LAMP                                | LUMENS : 1500 - 2000 LUMENS<br>WATTAGE : 40 - 60 Watts<br>ANGLE OF ADJUSTMENT : SWIVELS 90 DEGREE ANGLE  | ILLUMINATION : 5000 - 5500 LUX<br>BATTERY TYPE : RECHARGEABLE   | Nos | 10 |
| 16 | HAND OPERATED PRESSURE SPRAYER                                       | MAKE : KISANKRAFT<br>CAN CAPACITY : 2 LITRES   | MODEL NO : KK PS-2000   | Nos | 5  |
| 17 | HAND OPERATED PRESSURE SPRAYER                                       | MAKE : KISANKRAFT<br>CAN CAPACITY : 8 LITRES   | MODEL NO : KK PS-8000   | Nos | 3  |
| 18 | RRS JAW-FLEXIBLE COUPLING  | MAKE : LOVEJOY<br>TYPE : RRS FLEXIBLE JAW COUPLING<br>SPACER LENGTH : 140 MM   | MODEL NO : RRS-110/140<br>OUTER DIA : 95 MM<br>MAXIMUM BORE SIZE : 42 MM  | Nos | 2  |
| 19 | RRS JAW-FLEXIBLE COUPLING  | MAKE : LOVEJOY<br>TYPE : RRS FLEXIBLE JAW COUPLING<br>SPACER LENGTH : 140 MM   | MODEL NO : RRS-150/140<br>OUTER DIA : 110 MM<br>MAXIMUM BORE SIZE : 48 MM   | Nos | 1  |
| 20 | RRS JAW-FLEXIBLE COUPLING  | MAKE : LOVEJOY<br>TYPE : RRS FLEXIBLE JAW COUPLING<br>SPACER LENGTH : 140 MM   | MODEL NO : RRS-225/140<br>OUTER DIA : 142 MM<br>MAXIMUM BORE SIZE : 60 MM   | Nos | 1  |
| 21 | R 410A 10 KG REFILLABLE CYLINDER WITH TAP AND REFRIGERANT GAS        | CYLINDER NET WEIGHT : 10 KG<br>410A<br>STANDARD : INDUSTRIAL STANDARD<br>PRESSURE : 4.8 Mpa  | REFRIGERANT : R<br>REFRIGERANT QUANTITY : 7.5 KG<br>GRADE<br>CRITICAL<br>CONNECTOR / THREAD : 1/4 " INCH STANDARD SAE                                       | Nos | 1  |



**Bid Security Declaration**  
**(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