National Center for Biological Sciences
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Ref:NCB/CM22-568/220827 July 25, 2022

ENQUIRY

To

=> By Speed Post/Courier

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Description	Qty	UOM
1	Supply of circular Inline fan 150cfm flow at 10mm SP and inlet Dia 125mm, AMCA certified fans As per the specification mentioned below Inline fans shall be preferably be Circular Duct Fan with backward curved blades | external rotor motor, These fans shall be complete with casing, motor | impeller. Fan should be with preassembled fixing bracket as standard. CASING shall be constructed of hot rolled GSS sheet metal construction. Casing metal parts shall be spot-welded. Fans should have an outer casing of hot-rolled galvanized sheet steel complying with EN 10142/10147. The sheet steel must have a layer of 20 μm of zinc for protection against corrosion. Indication showing rotation arrow and make, model number and duty conditions of the fan shall be mentioned on fan casing. Inlet and outlet of fan should be circular with min 25 mm spigot for duct connections. Tightness class- Fan casing should be folded for achieving close to air tight casing. Fan must be tested for tightness class C for air leakage. FAN Impellers should be backward curve having polyimide blades. These blades should be mounted on a galvanized steel plate. The impellers should be press fitted directly onto the rotor of the external rotor motor. The motor and impeller should be balanced dynamically in two planes in accordance with DIN ISO 1940. Fan impeller should have self cleaning facility. MOTOR - Fan motor should be external rotor type motor with built in thermal contacts for protecting against overheating. Compact in size and its construction should allow motor to be cooled by transported air. Fan should be speed controllable in five steps. Fan should have possibility of duct connections to outdoor and wet room applications and should have IP55 rated terminal box with a IP 68 rated cable gland. Fan enclosure class IP44 Noise level of fan should not be more than 30dB(A) at 3 mtr distance. Mounting Brackets- Mounting brackets for ceiling/floor mounting to be provided with fan. All fans shall be selected for the lowest operating noise power levels. Capacity ratings, power consumption, with operating points clearly indicated, shall be submitted and verified at the time of testing and commissioning of the installation. All the technical data of fans should be approved as per AMCA | ISO standards. Power Supply: Single Phase 230V	6.00	NOS
2	Supply of circular Inline fan 450cfm flow at 10mm SP and inlet Dia 200mm, AMCA certified fans As per the specification mentioned below Inline fans shall be preferably be Circular Duct Fan with backward curved blades | external rotor motor, These fans shall be complete with casing, motor | impeller. Fan should be with	12.00	NOS

S.No.	Item Description	Qty	UOM
	preassembled fixing bracket as standard. CASING shall be constructed of hot rolled GSS sheet metal construction. Casing metal parts shall be spot-welded. Fans should have an outer casing of hot-rolled galvanized sheet steel complying with EN 10142/10147. The sheet steel must have a layer of 20 μm of zinc for protection against corrosion. Indication showing rotation arrow and make, model number and duty conditions of the fan shall be mentioned on fan casing. Inlet and outlet of fan should be circular with min 25 mm spigot for duct connections. Tightness class- Fan casing should be folded for achieving close to air tight casing. Fan must be tested for tightness class C for air leakage. FAN Impellers should be backward curve having polyimide blades. These blades should be mounted on a galvanized steel plate. The impellers should be press fitted directly onto the rotor of the external rotor motor. The motor and impeller should be balanced dynamically in two planes in accordance with DIN ISO 1940. Fan impeller should have self cleaning facility. MOTOR - Fan motor should be external rotor type motor with built in thermal contacts for protecting against overheating. Compact in size and its construction should allow motor to be cooled by transported air. Fan should be speed controllable in five steps. Fan should have possibility of duct connections to outdoor and wet room applications and should have IP55 rated terminal box with a IP 68 rated cable gland. Fan enclosure class IP44 Noise level of fan should not be more than 32dB(A) at 3 mtr distance. Mounting Brackets- Mounting brackets for ceiling/floor mounting to be provided with fan. All fans shall be selected for the lowest operating noise power levels. Capacity ratings, power consumption, with operating points clearly indicated, shall be submitted and verified at the time of testing and commissioning of the installation. All the technical data of fans should be approved as per AMCA | ISO standards. Power Supply: Single Phase 230V		
3	Supply of circular Inline fan 770cfm flow at 10mm SP and inlet Dia 300mm, AMCA certified fans As per the specification mentioned below Inline fans shall be preferably be Circular Duct Fan with backward curved blades | external rotor motor, These fans shall be complete with casing, motor | impeller. Fan should be with preassembled fixing bracket as standard. CASING shall be constructed of hot rolled GSS sheet metal construction. Casing metal parts shall be spot-welded. Fans should have an outer casing of hot-rolled galvanized sheet steel complying with EN 10142/10147. The sheet steel must have a layer of 20 μm of zinc for protection against corrosion. Indication showing rotation arrow and make, model number and duty conditions of the fan shall be mentioned on fan casing. Inlet and outlet of fan should be circular with min 25 mm spigot for duct connections. Tightness class- Fan casing should be folded for achieving close to air tight casing. Fan must be tested for tightness class C for air leakage. FAN Impellers should be backward curve having polyimide blades. These blades should be mounted on a galvanized steel plate. The impellers should be press fitted directly onto the rotor of the external rotor motor. The motor and impeller should be balanced dynamically in two planes in accordance with DIN ISO 1940. Fan impeller should have self cleaning facility. MOTOR - Fan motor should be external rotor type motor with built in thermal contacts for protecting against overheating. Compact in size and its construction should allow motor to be cooled by transported air. Fan should be speed controllable in five steps. Fan should have possibility of duct connections to outdoor and wet room applications and should have IP55 rated terminal box with a IP 68 rated cable gland. Fan enclosure class IP44 Noise level of fan should not be more than 39dB(A) at 3 mtr distance. Mounting Brackets- Mounting brackets for ceiling/floor mounting to be provided with fan. All fans shall be selected for the lowest operating noise power levels. Capacity ratings, power consumption, with operating points clearly indicated, shall be submitted and verified at the time of testing and commissioning of the installation. All the technical data of fans should be approved as per AMCA | ISO standards. Power Supply: Single Phase 230V	4.00	NOS

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No: 220827. The bids should be addressed and to be mailed/couriered (sent by post/courier) 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 NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 16/08/2022 BY 5.30PM.

3.QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.
4.The validity of your quotation should be for 60 days from the due date.
5.All duties, taxes, surcharge and cess as currently applicable must be stated in yourquotation, 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 NCBS 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 advolerum duty of 5% + 2%Cess and 1% Cus Sec & High Edu. CESS 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

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 Conciliation 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.

14.Liquidity Damages:If the equipment/ 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.

15.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%. 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.

Yours faithfully
For and on behalf of
National Centre for Biological Sciences

Head Purchase