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Dated: 1-3- 2021

Sub : Invitation of Quotation for Purchase of various Equipments/items for Population Management of Species in Human Wildlife Conflict Project- Regarding

Dear Sir,

The Wildlife Institute of India, Dehradun wishes to **purchase various Equipments/items for Population Management of Species in Human Wildlife Conflict Project** at Wildlife Institute of India, Dehradun. The details of equipment, quantity and specifications are given below. Sealed quotations are invited for the following items as per the specifications given below:-

S No	Items	Qty
I.	Multi Vortexer	01 no.
	Technical Specifications Speed Range 500-2500 Timer 1 sec-999hrs Orbit 3.6 mm Maximum weight capacity 24 x 15 ml Duty Rating Continuous Tray Dimensions (L x W) mm 313 x 180 Overall Dimensions (W x D x H) mm 400 x 325 x 430 Supply: 220-240 Volts 50 Hz Single Phase LCD Display -Touch pad controls with easy to read independent LCD displays for speed and time allow operator to view both settings at once. Pulsing Mode - Programmable pulsing mode allows user to adjust the pulse off times between 1 and 59 second in 1 second intervals. Feet with suction cup to dampen motion and prevent sliding on work surface. Variable speed microprocessor control for consistent uniform mixing action. Equipped with a powerful, permanent magnet motor with sealed ball bearings.	

II.	Autoclave		01 no.
	Specifications		
	<ul style="list-style-type: none">Ergonomically designed single lever closing of lidLid- Safety process will not start unless lid locked fully & lid will not open when chamber under pressureOver temperature safety with independent alarmFully automatic with LCD Controller cum timerChamber designed and tested as per ASME guidelinesWith SS wire mesh carrier and spare gasket		
	Technical Specifications		
	<ul style="list-style-type: none">Ch. Eff. Vol: 91/75 LUsable Inner Dimensions: Ø 400 x 600 mmMax. Operating Parameters: 103.4 kPAProduct Ext. Dim: 750 x 500 x 1040 mmPacking: 0.78 m3 / 97 kg		
III.	Hot Air Oven		01 no.
	Technical Specifications		
	<ul style="list-style-type: none">Capacity: 091 LInner Dim. (W x D x H): 450 x 450 x 450 mmShelves: 3Product Ext. Dim: 630 x 588 x 818 mmPacking: 0.59 m 3 / 70 kg		
	<ul style="list-style-type: none">PID Control with timerTemperature range: 50 to 200 deg CInside SS and outside MS epoxy coated for abrasion resistance and durable finishSS 304 wire mesh traysConcealed SS handle and positive latch systemStainless Steel tubular heater (s) for safe operations		
IV.	Laboratory Centrifuge		01 no.
	Technical Specifications		
	Max. Speed	6000 RPM	
	Max. RCF	5070 g	
	Max. Capacity	400 ml	
	Digital Timer Range	0-99 min	
	Noise	60dB	
	Dimensions (W x D x H)	380 x 470 x 300 mm	
	Salient Features		
	<ul style="list-style-type: none">Automatic rotor identification, ensures operator safetyStainless Steel centrifuge Chamber, easy to cleanBrushless Induction motor with variable frequency driveMicroprocessor controller with digital displayStable speed output even under unstable voltage conditions		



	<ul style="list-style-type: none">• Smooth & soft start• Low sample temperature rise• Inverter fault detection with auto shutdown• 7 segment LED display of speed• Digital countdown timer & continuous run• Safety lid interlock to prevent lid opening during centrifugation• Imbalance detection & centrifugation stop with display of error• Dynamic brake for quick deceleration• Motor overload protection• Gas hinge to prevent door falling• Emergency lid lock release• Last set parameters recall (Useful for repetitive analysis)• Wide variety of rotors & reduction adaptors																													
	Rotors Required																													
	Angle rotor suitable for 24 tubes of 15ml (supplied with plastic tubes)																													
	Angle rotor suitable for 6 tubes of 50ml (supplied with plastic tubes)																													
V.	Weighting Balance	01 no.																												
	<table><tr><th colspan="2">Technical Specifications</th></tr><tr><td>Capacity</td><td>220g</td></tr><tr><td>Minimum Display</td><td>0.001gm</td></tr><tr><td>Repeatability (Standard deviation)</td><td>$\sigma \leq 0.001g$</td></tr><tr><td>Linearity</td><td>$\pm 0.002g$</td></tr><tr><td>Response time (approx.)</td><td>1.0 - 1.2 sec.</td></tr><tr><td>Ambient temperature</td><td>5-40°C/ 41-104°F</td></tr><tr><td>Temperature coefficient of sensitivity (10-35°C)</td><td>$\pm 3ppm/^{\circ}C$</td></tr><tr><td>Pan size (mm)</td><td>100 x 100 mm</td></tr><tr><td>Dimensions (approx.)</td><td>170W×240D×75H mm</td></tr><tr><td>Weight (approx.)</td><td>2.2 kg</td></tr><tr><td>Power requirements</td><td>AC adapter; 90V-264V, -15% +10%, 50/60Hz</td></tr><tr><td>Standard accessories</td><td>Simple windbreak (brown smoke color), Protective in-use cover</td></tr><tr><td>Display</td><td>LCD</td></tr></table> <p>Fast response for repeated weighing work. Compact Body High Stability mode for steady readings even under poor environmental conditions. Percentage mode, and various unit conversions are standard. Analog bar display Visible Remaining weighing capacity helpful when filling containers on</p>	Technical Specifications		Capacity	220g	Minimum Display	0.001gm	Repeatability (Standard deviation)	$\sigma \leq 0.001g$	Linearity	$\pm 0.002g$	Response time (approx.)	1.0 - 1.2 sec.	Ambient temperature	5-40°C/ 41-104°F	Temperature coefficient of sensitivity (10-35°C)	$\pm 3ppm/^{\circ}C$	Pan size (mm)	100 x 100 mm	Dimensions (approx.)	170W×240D×75H mm	Weight (approx.)	2.2 kg	Power requirements	AC adapter; 90V-264V, -15% +10%, 50/60Hz	Standard accessories	Simple windbreak (brown smoke color), Protective in-use cover	Display	LCD	
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	<p>the balance.</p> <p>Square Pan for ease of operation.</p> <p>Interface capabilities</p> <p>Optional printer can be connected directly to balance to produce reports. An optional interface is available to enable communication with a PC.</p> <p>Piece counting function- Quantity can be read as soon as parts are placed on the pan.</p> <p>Switching between piece counting and gram display is a single key-touch.</p>	
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Terms & Conditions:

1. The specifications of the quoted equipment should be strictly as per technical specifications mentioned above.
2. The Institution is registered with the Department of Scientific & Industrial Research, New Delhi. Under Central Tax (Rate) / Integrated Tax (Rate) Exemption Certificate in terms of Notification No. 45/2017-Central Tax (Rate)/ No. 47/2017 — Integrated Tax (Rate), Dated 14.11.2017 issued by Ministry of Finance, Department of Revenue of Government of India, the GST is leviable on the goods thereon at concessional rate, calculated at the rate of 5%. Also, it is certified that the exemption from Central Tax (rate) / Integrated Tax (Rate) claimed under this Notification is required for research only and the goods shall be used for such purpose only by the institution and the institution is not engaged in any Commercial activity.
3. The equipment being quoted should be of Original Equipment Manufacturer (OEM) of reputed company and no non-standard equipment will be accepted by the Institute. The bidder should be an Authorized Distributors of OEM or their authorized dealer in India. An authorization certificate/letter from the OEM or Authorized Distributor to this effect should be attached with the offer; failing which their offer will not be considered by the Institute.
4. The supplier should indicate brand/make and full details of the equipment and submit complete technical specifications, without leaving any scope for ambiguity and must also attach technical information literature, leaflets, catalogues, brochures etc. The supplier must ensure that the quotation submitted is in accordance with the requirements/specifications of WII.
5. Offer should be valid for a period of one month from the date of submission of quotations.
6. **Warranty:** You are required to give a warranty for a minimum period of **one year** from the date of satisfactory supply of above equipment. If during warranty period, the equipment supplied fail to give satisfactory performance and found defective, you will rectify the defect within a reasonable time; failing which the equipment should be replaced with new one(s) without any extra cost.



7. **Prices:** You should quote your rates on a fixed price on FOR, Wildlife Institute of India, Chandrabani, Dehradun basis. Agency would be required for its delivery to the Institute. The taxes/VAT, if any should be clearly mentioned. The prices should be quoted only in Indian Rupees.
8. You may submit your rates/offer for the item in the following format only. You may use separate sheets, if required.

Sl. No.	Item Description and Specifications	Brand/ Make	Model No.	Unit Price (In Rs.)	GST@%	Total Amount	Remarks, if any.

Note: Rates should be quoted only in accordance with the above mentioned table; failing which their offer is liable for rejection.

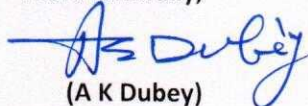
9. The bidder is required to clearly mention that they agree to all the terms and conditions of this quotation and it should be given on their printed letterhead indicating Sales Tax Registration, FAX, Email, Telephone numbers, etc.
10. Offers of those firms will only be considered by the Institute, whose bids are meeting all the technical specifications/parameters given for the above required equipments. If any of the given specifications/parameters does not meet the required specifications as mentioned above, their offer will not be considered and shall be summarily rejected by the Institute.
11. **Comparison of Rates:** Comparison of Rates shall be made after adding the taxes etc. and given in above Table.
12. **Payment:** 97% payment shall be released on bill basis after entire supply and inspection and acceptance of the equipment in good condition. Balance 3% payment shall be released after Warranty period OR the said balance 3% payment shall be released against Performance Security in the form of Bank Guarantee/FDR pledged in favour of Director Wildlife Institute of India, Dehra Dun.
13. **Delivery:** Agency would be require to supply the equipments within a period of four weeks from the date of issue of supply order, if placed with your firm.
14. **Penalty:** Penalty @ 0.5% per week will be charged for late supply subject to a maximum of 5% on the amount of equipments which have been supplied late.
15. The above quantity of the equipments are approximate, the same may be reduced or increased at the time of issuing supply order(s), depending upon the requirement of the Institute.



16. The Institute reserves the right to accept or reject any of the quotation straightway without assigning any reasons.
17. **Last Date of Submission of Quotations:** Quotations in all respect in a sealed cover super scribing **Quotations for purchase various Equipments/items for Population Management of Species in Human Wildlife Conflict Project** should reach the Purchase Officer, Wildlife Institute of India, Chandrabani, Dehradun-248001, Uttarakhand on or before 25-3-21 upto 1700 hrs. Quotations received late will not be accepted by the Institute.



Yours faithfully,



(A K Dubey)

Purchase Officer