

Pre-bid Minutes for Procurement of Laboratory Equipments against: IFB No. RITES/MSM/NACP/06/2018 held on 25.10.2018 at 14:30 hr at RITES office.

1. The following were present:-

I) From RITES
Shri Chandan Kumar JGM/MSM– In Chair
Nitin Jain, AM/MSM
Shani Chaudhary, Engineer/MSM

II) Firms which attended the pre bid conference are as follows:

S. No.	Name of representative S/Shri	Name of Firm
1	Shakeer S A	Alpha Linear
2	Vishal Srivastava	ThermoFisher Scientific
3	Pardeep	Laby Instruments Industry
4	Mayank Jindal	S.M. Scientific Instruments (P) Ltd.
5	Vikas Singh	Remi Healthcare
6	S.Siddiqui	Associated Scientific Technologies
7	Pritesh Ranjan Jha Manoj Soni	VWR part of Avantor Avantor
8	Sumit	Biosafe ;Lab India Pvt. Ltd.
9	Sunil Kumar	Advance Biotech Solutions
10	Raman Panday	Haite Biomedical India Pvt. Ltd.
11	Kaushal Kumar Jha	Mehrotra Biotech Pvt. Ltd.

2. Initiating the discussion, chairperson welcomed the participants. It was explained that purpose of Pre-bid meet is to educate the bidders regarding various important provisions of the bidding documents and also to clarify any queries that the bidders may have in the subject bidding documents. All the prospective bidders were requested to get themselves registered with CPP portal (etenders.gov.in) as early as possible.

3. The issues raised during the pre bid meeting and clarifications are as under-

S. No.	Reference	Query Raised	Clarification
1		Evaluation of any tender of equipment is first done technically and then commercially. Price bid is opened for these vendors only who are technically qualified. So it should be two bids tender – Technical and Financial. Please amend your tender accordingly	There is no change in tender condition
Section I: Instruction to Bidders			
2	Clause 47 (Pg-29)	As per tender document , Bidder intending to supply the imported goods must ensure that the goods and the manufacturing facilities of the manufacturer are registered with the relevant authorities in India, as for relevant laws of the country on the date of bid opening. Bidders are required to furnish a copy of the aforesaid registration along with their bid. One of bidder has requested clarification on this point.	If registration of goods and manufacturing facilities are required as per Country's law, same must be adhered to.
3	Clause No. 35 (Pg-25)	Tender mentions about make In India. Please note Make in India good but in this case, the specification of quoted instrument should match with tender specs. Product like Biosafety cabinet is a safety cabinet specially for user and his safety should not be compromised. Please Clarify.	The specification of quoted instrument should match with tender specs.

S. No.	Reference	Query Raised	Clarification
Section: II Evaluation and Qualification Criteria			
4	2(a).3 (Pg-32)	For all regulated products, the bidder should have at least two (2) years of manufacturing and marketing experience of the particular items quoted as a manufacturer. One of the firm has requested to modify the clause as under :- For all regulated products, the bidder should have at least ten (10) years of manufacturing and marketing experience of the particular items quoted as a manufacturer.	There is no change in tender condition
5	2(a).6 (Pg-33)	The bidders who are manufacturers should have generated annual sales turnover of equal to price quoted, in any one of the last three financial years to qualify for the schedule. The bidder shall submit reports on his financial standing such as profit and loss statements, balance sheets and auditor's report, banker's certificate, etc duly certified by a CA or Statutory Auditor of the Company for the last three financial years from the date of opening of bid. One of the firm has enquired that there is a different criteria in evaluation criteria & in checklist. What is the correct criteria.	Refer Amendment no 4
6		Reduce the turnover criteria for MSME registered Firms/company	There is no change in tender condition
Section : IV Schedule of Requirements			
1.Schedule of Requirements			
7	Delivery Schedule (Pg-51)	As per tender Document the equipment has to be delivered within 30days from date of issue of NOA. Firms have requested to keep the Delivery period at least 6 months (180 days) from the date of NOA.	Refer Amendment no 4
8		As per Schedule of Requirements, amount of Bid security asked is different from as asked on CPP Portal.	CPP Portal accept only single value. In this tender document there are 8 schedules. Bid Security of lowest value has been put in the CPP Portal. Bidders are required to submit the bid security as per schedule quoted.
2. List of Related Services and Completion Schedule			
9	i) Incidental Services (Pg-52)	As per tender Document the service centre should have a functional helpline , which should be available. 24*7*365 days and in both English and Hindi Language. Firms have requested to modify as "The service centre should have a functional mobile helpline , which should be available. 24*7*365 days and in both English and Hindi Language."	Refer Amendment no 4
Section 3: Technical Specifications			
Schedule 1:- Table Top Laboratory Centrifuge Speed-4000 rpm			
10	Point no 6 (Pg-66)	As per tender Document Rotor : Angled head with for at least 3-8 ml blood tubes fit <ul style="list-style-type: none"> • Adaptors each with capacity of 6ml tube • Adaptors each with capacity of 8ml tubes Firms have requested to clarify how many tubes is required to rotate at one time means 8,12,16 or 24 tubes.	Refer Amendment no 4
11		Firms have requested to add the following :- Should have maintenance free brushless induction motor with frequency drive.	There is no change in the technical specifications

S. No.	Reference	Query Raised	Clarification
12	(Pg-66)	Firm has requested to add CE certificate in the tender specs.	Refer Amendment no 4
Schedule 2:- Vortex Mixer			
13	Point No. 2 (Pg-67)	As per tender document, the equipment should be Adjustable to 100 to 3000 rpm. Further no safety requirement/standards are mentioned in the technical specifications. Firms have requested to change as under:- The equipment should be Adjustable to 100 to 2500 rpm.	Refer Amendment no 4
14	Point No. 6 (Pg-67)	As per tender document, Digital Display: LED Bidders have requested to change as under :- Digital Display: LED/LCD	There is no change in tender condition
15	(Pg-67)	Bidders have requested to indicate the capacities and orbit required.	Refer Amendment no 4
Schedule No. 3 Pipettes Single Channel (20-200µl)			
16	Pg-68	Firm has requested to add CE certificate in the tender specs.	Refer Amendment no 4
17	Point No. 3 (Pg-68)	As per tender document, Dispensing Increment: 0.1µl Firms have requested to change as under :- Dispensing Increment: 1µl	Refer Amendment no 4
Schedule No.4 Pipettes Single Channel (100-1000µl)			
18	Pg-68	Firm has requested to add CE certificate in the tender specs.	Refer Amendment no 4
19	Point No. 3 (Pg-68)	As per tender document, Dispensing Increment: 1µl Firms have requested to change as under :- Dispensing Increment: 5µl	There is no change in tender specifications
Schedule 5:-Biological Safety Cabinets (BSCs) Class II, Type A2			
20	Point No. 1 (Pg-69)	As per tender document, Description of function and use: The class II BSC is used in a Laboratory in ART Centre in conjunction with Real Time PCR Machine. Firms have requested to change as under :- The class II BSC is used in a Laboratory	Refer Amendment no 4
21	Point No. 2.1 (Pg-69)	As per tender document, The BSC must be:- 1-NSF/ANSI 49 Certified/ EN12469 certified. 2-UL/ CE Certified. The certificate of the quoted model should be submitted (The bidder without this/these certificates will not be evaluated and considered rejected	Refer Amendment no 4

S. No.	Reference	Query Raised	Clarification
		<p>straightforward)</p> <p>Firms have requested to change as under :-</p> <p>The BSC must be:</p> <ol style="list-style-type: none"> 1. NSF (National Sanitation Foundation)/ANSI 49 Certified / EN12469. 2. UL and CE certified 3 IEC 61010 towards safety requirements for Electrical Equipments 4 ISO 13485 5 ISO 14644.1 for Air cleanness <p>The certificate of the quoted model should be submitted (The bidder without this/these certificates will not be evaluated and considered rejected straightforward)</p>	
22	Point No. 3.1 (Pg-69)	<p>As per tender document the external dimensions must be at least W x H x D (in mm) 1300mm x 1500mm x 800mm, but should not exceed W x H x D (in mm) 1600mm x 1575mm x 850mm</p> <p>Firms have requested to change as under :-</p> <p>The external dimension must be W X H X D (in mm) 1300 mm X 1500 mm X 750mm or better</p>	Refer Amendment no 4
23	Point No. 3.2 (Pg-69)	<p>As per tender document the interior dimensions must be at least W x H x D (in mm) 1200mm x 750mm x 600mm, but should not exceed W x H x D (in mm) 1500mm x 800mm x 650mm</p> <p>Firms have requested to change as under :-</p> <p>The internal dimension must be W X H X D (in mm) 1200 mm X 630 mm X 620 mm or better</p> <p>Another firm has requested to change as under:</p> <p>The internal dimension must be W X H X D (in mm) 1250 mm X 580 mm X 600 mm or better</p>	Refer Amendment no 4
24	Point No. 3.6 (Pg-69)	<p>As per tender document</p> <p>Must be provided with comfortable Armrest which should sit just above the intake grill to enable farther reach inside the cabinet without hampering safe airflows inside the cabinet working area.</p> <p>Firms have requested to change as under :-</p> <p>Must be provided with comfortable Armrest or V shaped air vent grills</p> <p>The reasons areas under :-</p> <p>Armrest will interrupt the movement of any equipments or accessories in the cabinet.</p>	Refer Amendment no 4
25	Point No. 3.7 (Pg-69)	<p>As per tender document</p> <p>Must be one piece 304 stainless steel interior or better or equivalent.</p>	There is no change in tender specifications

S. No.	Reference	Query Raised	Clarification
		Firms have requested to change as under :- Must be one piece 304 stainless steel interior	
26	Point No. 3.8 (Pg-69)	As per tender document Must have flat, single-piece stainless steel removable work tray preferably with seamless lift out knobs Firms have requested to change as under:- Must have flat, removable stainless steel segmented work tray preferably with seamless lift out knobs.	There is no change in tender specifications
27	Point No. 4.3 (Pg-69)	As per tender document An UPS and Voltage Stabilizer must be supplied with the instrument which can withstand a continuous and stable voltage of at least 30 minutes in case of electrical breakdown of main supply. Firms have requested to change as under :- The instrument should be quoted with either 3 KVA online UPS or 3 KVA Servo Voltage Stabilizer. If UPS is needed please mention it as Online UPS which is used for maintaining scientific equipment's. It is further requested to clarify whether there is a requirement of an indigenous or an imported Online UPS	Refer Amendment no 4
28	Point No. 6.6 (Pg-70)	As per tender document Motor for air circulation should be Dual DC & must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions. Firms have requested to change as under :- "Dual DC motor must be changed to single DC motor" Another firm has requested to change as under: AC motors with ECO mode function.	There is no change in tender specifications
29	Point No. 6.7 (Pg-70)	As per tender document Cabinet must be capable of automatically handling 150% or more increase in pressure drop across the filter without reducing total air delivery >10%. Firms have requested to change as under :- Cabinet must be capable of automatically handling 200% or more increase in pressure drop across the filter without reducing total air delivery >10%.	There is no change in tender specifications
30	Point No. 6.9 (Pg-70)	As per tender document Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the NSF 49 guidelines for the Bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. required is to be provided by the installation agency. The site may be	Refer Amendment no 4

S. No.	Reference	Query Raised	Clarification
		<p>inspected if needed after taking permission from head of department microbiology of the institute.</p> <p>Firms have requested to change as under :-</p> <p>Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the NSF (National Sanitation Foundation)/ANSI 49 Certified / EN12469 guidelines for the Bio safety cabinets Class II, Type A2 must be provided.</p>	
31	Point No. 6.10 (Pg-70)	<p>As per tender document</p> <p>LED / LCD Display:</p> <ol style="list-style-type: none"> a) The microprocessor must display the inflow and down flow air velocities in real-time on a LED / LCD display b) Display showing hours of operation c) Visual and audible alarm for showing front window working position safety <p>Visual and audible alarm for showing airflow safety</p> <p>Firms have requested to add the following :-</p> <p>LED/LCD display should be colour coded to visualize the cabinet status from the distance.</p>	There is no change in tender specifications
32	Point No. 7.1 (Pg-70)	<p>As per tender document</p> <p>Lighting power at least $\geq 1100lx$</p> <p>Firms have requested to change as under :-</p> <p>Lighting power should be at least 1000lx with side walls made up of glass to ensure natural light should enter the cabinet.</p>	There is no change in tender specifications
33	Point No. 7.3 (Pg-70)	<p>As per tender document</p> <p>Service valves up to 6 (three on each side wall)</p> <p>Firms have requested to change as under :-</p> <p>Service Valve 2 nos. should be supplied as standard while it should have provision for 4 nos. on either side (Left/Right)</p>	There is no change in tender specifications
34	Point No. 7.6 (Pg-70)	<p>As per tender document</p> <p>The cabinet noise level must be less than 65 dBA</p> <p>Firms have requested to change as under :-</p> <p>The cabinet noise level should not be more than 58 dBA</p>	There is no change in tender specifications
35	Point No. 8 (Pg-70)	<p>As per tender document</p> <p>Installation, onsite validation and certification to be provided with testing as per "Field Certified in accordance with NSF/ANSI 49" and must meet the criteria as prescribed by NSF/ANSI 49 for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the for performance of onsite validation and certification tests</p>	Refer Amendment no 4

S. No.	Reference	Query Raised	Clarification
		<p>as per standards mentioned in NSF/ANSI 49 document for the following parameters:</p> <ol style="list-style-type: none"> 1. HEPA filter leak test 2. Down flow face velocity 3. Inflow velocity 4. Air flow smoke pattern test 5. Cabinet integrity test (positive pressure plenum cabinets only) <p>Site installation assessment tests which includes (alarm functions as required by NSF/ANSI 49 standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance)</p> <p>Firms have requested to change as under :-</p> <p>Installation, onsite validation and certification to be provided with testing as per “Field Certified in accordance with NSF (National Sanitation Foundation)/ANSI 49 Certified / EN12469 and must meet the criteria as prescribed by NSF (National Sanitation Foundation)/ANSI 49 Certified / EN12469 for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the for performance of onsite validation and certification tests as per standards mentioned in NSF/ANSI 49 document for the following parameters:</p> <ol style="list-style-type: none"> 1. HEPA filter leak test 2. Down flow face velocity 3. Inflow velocity 4. Air flow smoke pattern test 5. Cabinet integrity test (positive pressure plenum cabinets only) <p>Site installation assessment tests which includes (alarm functions as required by NSF (National Sanitation Foundation)/ANSI 49 Certified / EN12469 standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance)</p>	
36	Point No. 9.1 (Pg-71)	The supplier will provide 5 Years warranty repairs.	There is no change in tender specifications
		Schedule 6:- Deep Freezer (-20°C)	
37	Point No 1 (Pg-72)	<p>As per tender document Capacity: 370 -400 ltr. or better</p> <p>Bidder has requested to change capacity to 400 L or more.</p> <p>Another bidder has requested to change the capacity should be 250-350 litres.</p>	There is no change in tender specifications
38	Point No 2 (Pg-72)	<p>As per tender document Microprocessor controlled vertical (upright) Deep Freezer (-20°C) with 3-4 interior compartments / adjustable shelves with preferably two internal doors Bidder has requested to clarify whether 3-4 interior compartments is adjustable or fixed.</p>	Refer Amendment no 4

S. No.	Reference	Query Raised	Clarification
39	Point No 3: (Pg-72)	As per tender document Digital display of temp with facility to set temp between -10°C to -40°C with 1°C increment Bidder has requested to amended as under:- Digital display of temp with facility to set temp between -10°C to -20°C or -24°C with 1°C increment . or Digital display of temp with facility to set temp between -10 to -20 or -10 to -25 with 1°C increment.	There is no change in tender specifications
40	Point No 5:- (Pg-72)	As per tender document Hermetically Sealed 2-stage compressor for cascade function. Bidder has requested to amend this point to Hermetically Sealed Single stage Compressor.	There is no change in tender specifications
41	Point No 7 (Pg-72)	As per tender document Double-door with lockable outer door. Bidder has requested to amend as under :- Single door with lock.	There is no change in tender specifications
42	Point No 11 (Pg-72)	As per tender document 2.0 Ton split AC for optimal operation during the summer season with Voltage Stabilizer Bidder has requested to delete this point else they will have to add price for 2 ton AC. Please mention the star rating of 2 T AC as rates differ with the star ratings.	Refer Amendment no 4
43	Point No 13.1 (Pg-72)	As per tender document The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs Firms have requested to change as under :- The supplier will provide 5 Years warranty repairs.	There is no change in tender specifications
44	(Pg-72)	Firm has requested to add CE certificate in the tender specs.	Refer Amendment no 4
SCHEDULE NO 7 :- Deep Freezer -80 degree			
45	Point No. 2 (Pg-73)	As per tender document Temperature Range: -50°C to -86°C Bidder is requested to change to: Temperature Range: -50°C to -80°C	There is no change in tender specifications
46	Point No 3 (Pg-73)	As per tender document Capacity cu ft / litres: 350 or more Bidder has requested to change to Capacity approx. 17.3 Cu Ft. / 500 litres Another Bidder is requested to change to:	There is no change in tender specifications

S. No.	Reference	Query Raised	Clarification
		Capacity cu ft / litres: 328 or more	
47	Point No 7 (Pg-73)	<p>As per tender document</p> <p>Refrigeration HP :- Two 1.25 HP each</p> <p>Bidder has requested to change as under Cascade Refrigeration with Two Compressor (1 H.P Each)</p> <p>Another bidder has requested to change as under :- Refrigeration HP :- One 1.25 HP compressor</p> <p>The reason for the change is as under: International reputed brand of compressors like Danfoss / Embraco have developed Single compressor for DF-80.</p> <p>Single compressors are maintenance free and easy to repair than 2 compressors.</p> <p>With development of technology and advancement in DF -86 are not work very fine with single or 2 compressors up to volume of 550 L and also requested to amend this point to Two or One compressor.</p>	Refer Amendment no 4
48	Point no. 10 (Pg-73)	<p>As per tender document</p> <p>5” (12.7 cm) foamed-in-place polyurethane insulation</p> <p>Bidder has requested to change to</p> <p>5”(12.7 cm) foamed in-place polyurethane insulation / VIP Insulation Technology.</p>	Refer Amendment no 4
49	Point no. 11 (Pg-73)	<p>As per tender document</p> <p>Vacuum relief port for easy access after door openings</p> <p>Bidder has requested to change to</p> <p>Vacuum relief port /Pressure Equalization port for easy access after door opening.</p>	Refer Amendment no 4
50	Point no. 19.1 (Pg-73)	<p>As per tender document</p> <p>The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs</p> <p>Bidder has requested to change to</p> <p>The supplier will provide 5 Years warranty repairs.</p>	There is no change in tender specifications
51	(Pg-73)	<p>As per Tender Specifications there is no requirement of any certification</p> <p>It is requested to include certification like CE or US FDA, UL to ensure better quality.</p>	Refer Amendment no 4
	Schedule No. 8 Refrigerator		
52	Point No. 1 (Pg-74)	<p>As per tender document</p> <p>Type: Single Door</p>	Refer Amendment no 4

S. No.	Reference	Query Raised	Clarification
		Bidder has requested to clarify as under: i) The refrigerator required is commercial or domestic. ii) Numbers of door i.e. one or two.	
53	Point No. 10 (Pg-74)	As per tender document Other performance features: 12 hrs cooling retention during power cuts, advanced moisture control. Bidder has requested to delete this point as this is not possible for domestic refrigerators.	There is no change in tender specifications
Section V General Conditions of Contract			
54	GCC: 26.5 (Pg-93)	Inspection shall be carried out to verify the compliance of the Technical Specification Such inspections/tests will be conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.	Refer Amendment no 4

Meeting concluded with thanks to the participants for their active participation