

## MINUTES OF PRE-BID MEETING

**Brief Description of Procurement:** Procurement of Laboratory Equipment and Goods

**Bid Ref.:** IFB No. SAMSPL/17-18/ET/6 dated 22/6/2017

**Date and Time of Pre-Bid Meeting:** 11/7/2017 at 11:00 Hrs.

**Venue of Pre-Bid Meeting:** Strategic Alliance Management Services Pvt. Ltd.  
(SAMS), B01-B03, Vardhaman Diamond Plaza,  
Community Centre, D B Gupta Road, Paharganj, New  
Delhi- 110055

The following Bidders' Representatives attended the pre-bid meeting:

Sr. No.	Name of Prospective Bidder/Firm	Name and Designation
1.	M/s U. C. Info systems Pvt. Ltd. Delhi	Mr. Munish, Regional Manager
2.	M/s Vision Diagnostics. New Delhi	Ms. Sonal Varshney, GM
3.	M/s DSS Imagetech Pvt. Ltd. New Delhi	Mr. Mahesh Semwal, AGM Sales
		Mr. Sunil Vats, Manager Application
		Ms. Bhoomika Rawat, Sr. Manager Mkt.
		Ms. Manisha Singh, Manager application
4.	M/s Magnus Enterprise	Mr. Rajendre Tomar, Partner
5.	M/s Fine Care Corporation, Gandhinagar	Ms. Shyamla Singh, Territory Manager
6.	M/s Rescholar Ltd., Delhi	Mr. Rakesh Gupta
7.	M/s Alpha Linear, Banglore	Mr. Shakeer S.A. Manager- Sales
8.	M/s Biolinx India Pvt. Ltd. Mumbai	Mr Yashpal Manager
9.	M/s InKarp Instruments Pvt. Ltd.	Mr. Madhusudhan, Regional Director
10.	M/s S. M. Scientific Instruments (P) Ltd.	Mr. Mayank Jindal
11.	M/s Thermofisher Pvt. Ltd. Delhi	Mr Lokesh
		Mr. Samir Kane
		Mr. Yogesh
		Mr. Vishal Shrivastav
		Mr. Debjyoti Ghosh
		Mr. Sonal Varshey, GM
12.	M/s Solution One Pvt, Ltd. New Delhi	Mr. Sunil Ghai
13.	M/s Ginger Science	Mr. Yogendra Singh
14.	M/s Eppendorf India Ltd. Delhi	Mr. Kushagur Mohan
15.	M/s Dyna Filters Pvt. Ltd. Pune	Mr. Raunak Pote
16.	M/s Biosafe India Pvt. Ltd. New Delhi	Mr. Sanyog Kumar, Business Manager
17.	M/s Associated Scientific Tech. New Delhi	Mr. S. Siddiqui, Mkt. Manager
18.	M/s Remi Elektrotechnik Limited, Thane	Mr. Vibhor Sahani, Business Manager
19.	M/s Esco Biotech Pvt. Ltd. Delhi	Mr. Ajay Gaur, Branch Manager
20.	M/s Haier Corporation India	Mr. Raman Panday, Manager service
21.	M/s B.R. Biochem Life science Pvt. Ltd.	Mr. Uttam Patwal, Manager
22.	M/s Yorco Sales Pvt. Ltd. Delhi	Mr. Amardeep Singh Sr. sales Manager
23.	M/s KNM associates Pvt. Ltd. New Delhi	Mr. Srinivas Ayyagari, Principal Consultant

24.	M/s BSL	Mr. Som N. Rampal
25.	M/s Vestfront Sandeep Instruments & Chemicals	Mr. Munish Bansal
26.	M/s Pawar Electro	Mr. Aakash P. Mishra

The following NACO's representatives were present in the pre-bid meeting as observer:

Sr.No.	Name and Designation
1.	None

The following SAMS's officials were present in the pre-bid meeting:

Sr. No.	Name and Designation
1.	Mr. Sanjay Rastogi, Director
2.	Mr. Anil K. Bhutani, General Manager (Procurement) and Team Leader
3.	Mr. Satya Verma, General Manager (Procurement)
4	Ms. Jyoti Singh, Sr. Manager (Procurement)
5.	Mr. Arpit Saxena, Manager (Procurement and SCM)
6	Mr. Vivek Kumar, Dy. Manager (Procurement)

Proceeding of the pre-bid meeting is as follows;

1. At the outset, General Manager (Procurement) made a briefing about the scope of services and purpose of the pre-bid meeting.
2. Thereafter, prospective bidders were requested to put up their queries related to scope and terms and conditions given in the Bidding Document.
3. The queries from prospective bidders were appropriately responded. The representatives were also requested to send their queries in writing through e-mail within 3 days.
4. The responses to queries sought from prospective bidders in writing and those asked during the meeting have been compiled as per **Annexure-A**.
5. The Amendments made in pursuance to ITB Para 8 of the Bidding Documents are being issued separately (as **Amendment No. 5 dated 21/9/2017**)

(Satya Verma)  
General Manager (Procurement)

**Response / Amendments in regard to queries/suggestions received for Bid Document  
for Procurement of Laboratory Equipment and Goods  
(IFB No. SAMSPL/17-18/ET/6)**

As per provisions given in ITB Para 7 and 8 of the Bid Documents and the queries/clarifications sought by the prospective bidders, the following responses/ amendments are being issued:-

## **Part-I Technical**

### Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 2.1	<p><b>Certification:</b> The BSC must be:</p> <ol style="list-style-type: none"> <li>NFS (National Sanitation Foundation)/ANSI 49 Certified</li> <li>AL and CE certified</li> </ol> <p>The above certificates of the quoted model should be submitted (the bid without these certificates will not be evaluated and rejected)</p>	<ol style="list-style-type: none"> <li>NSF certificate is hardly found to an Indian company however CE certification ISO certification or any calibration report can provided and 50% supplied equipment term can be completed.</li> <li>NSF and AL certification not from India. There should be a relaxation in term to take participation/supply/encourage in the Indian supplier as well as Indian products.</li> <li>Indian product Prices is very competitive and quality is also good with full warranty of the products.</li> </ol>	<p>The requirement is being amended as under:</p> <p><b>“The BSC to meet the requirements of class IIA2 NSF 49 or class II EN 12469; specifically, with regard to inward airflow (≥0.40 m/s according to EN 12469:2000 or ≥0.50 m/s according to NSF 49:2004).”</b></p>
2		NSF / ANSI 49 is specific to North America. To be more inclusive, please include certification by TUV Germany / EN12469 European Standards.		
3		<ol style="list-style-type: none"> <li>You must be aware that NSF Certification for an Indian manufacturer is not possible now, as no Indian manufacturer has been certified as the process is very cumbersome and exorbitantly expensive.</li> <li>If you keep on insisting for NSF certificate, which can be produced only by abroad manufacturers who do not carry the tests at your laboratory but will only produce one certificate from NSF and satisfy the customer.</li> <li>If insisting for NSF certification at the present juncture with Indian manufacturer is nothing but to suppress an Indian manufacturers and support only foreign manufacturers, which we feel is not</li> </ol>		

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			<p>to an advantage OR support to any Indian Manufacturer.</p> <p>4. Also, please consider that our Prime Minister Mr. Narendra Modi ji is insisting for MAKE in INDIA and for no reason you are insisting only for products from abroad. Hope this will open your eyes and make you think of going and insisting for Indian manufacturers and support an Indian manufacturer. You can have stringent test parameters as per NSF Standards itself.</p>	
4			<p>Amendment requested:</p> <p><b>Certification:</b> The BSC must be:</p> <ol style="list-style-type: none"> <li>1. NSF (National Sanitation Foundation)/ANSI 49 Certified <b>OR EN12469 certified</b></li> <li>2. AL and CE certified</li> </ol> <p>The above certificates of the quoted model should be submitted (the bid without these certificates will not be evaluated and rejected)</p>	
5			<p>It is stated that NSF certification is done by an American agency and only some foreign companies have obtained this certification. Therefore, Indian manufacturers are virtually debarred from participating in the bid. It is not in line with the national policy of "Made in India". On the other hand, foreign companies participating in the bid will charge very high prices. Precious foreign exchange will go out of country as well.</p> <p>We manufacture very good quality Biosafety Cabinets. These have been designed by National Institute of Design under Govt. of India project to eliminate NSF certification and enable Indian companies to compete. These cabinets have all the good features, rather have some additional features. All quality standards are strictly adhered to and the product is at par with international brands.</p> <p>It is, therefore, requested that the requirement of NSF certified product may be removed, in national interest.</p>	
6			<p>In this connection, please see that he above should be</p>	

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
			<p>“The equipment should be designed as per ANSI 49 standards and CE certified with IEC 60601 &amp; 61010.”</p> <p>No Indian manufacturer has got NSF/ANSI 49 certified Biosafety. So Indian manufacturer is not getting preference to participate in the tender. Hence we request you to kindly incorporate “The equipment should be designed as per ANSI 49 standards and CE certified with IEC 60601 &amp; 61010” as a choice, instead of above certifications in Sr. No. 1 &amp; 2 compulsory for maximum participation in the tender. You may also observe that you have already asked for the calibration certificate for the cabinet as per ANSI 49 standards which itself guarantees the smooth &amp; safe functioning of the equipment.</p>	
7	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 3.2	The interior dimensions must be at least (W x H x D) 1200mm x 750mm x 600mm, but should not exceed 1500mm x 800mm x 650mm	The interior dimensions must be <b>Approx</b> (W x H x D) 1200mm x 750mm x 600mm, but should not exceed 1500mm x 800mm x 650mm.	The para is being amended as under:  <b>The interior dimensions must be Approx (W x H x D) 1200mm x 750mm x 600mm, but should not exceed 1500mm x 800mm x 650mm</b>
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 3.4	<b>Design and Dimensions:</b> The maximum height of front window opening must be between 500mm to 600mm.	Could we quote a product which has maximum opening height of front window = 480 mm?	The para is being amended as under:  <b>Design and Dimensions: The maximum height of front window opening must be between 500mm to 600mm (+/-10%)</b>
9	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 3.6	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	Amendment requested:  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 <b>or should have V shaped Air slits.</b>	There is no change in the minimum specification requirement.
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I -	<b>Filter Specifications:</b> Gauge for monitoring the condition of all HEP	The gauge is required to monitor condition of all HEPA filters. If the same control is accorded via microprocessor, thereby eliminating the need for a gauge; will this be acceptable?	It is to clarify that the requirement given in Schedule of Requirement is 'Minimum

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 5.3	filters as well as work space	The function of control of HEPA filters when done by microprocessor via total air flow measurement (instead of pressure) gives a more reliable control.	Specification Requirement'.  Please refer to Section VIII – General Conditions of Contract GCC Para 28.1 which requires that all the Goods supplied should be <b>of the most recent or current models, and that they incorporate all recent improvements in design and materials</b> , unless provided otherwise in the Contract.  The bidders are required to provide writ-up to substantiate the superlative specifications / features against minimum specification requirement.
11			Please note that gauge is an old technic and now a days most of the suppliers are using true air velocity sensor to check the condition of filter. So please include Air Velocity Sensor/Gauge	
12	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.6	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 environment	Please note this specification favors a particular make biosafety cabinet. DC ECM Motor also work perform as dual DC and maintain inflow & downflow velocity. So please include Dual DC//DC ECM Motor so that specifications more generalize and many parties can also participate	The requirement is being amended as under: <b>“Motor for air circulation should be able to automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working environment”</b>
13			Amendment requested:  Motor for air circulation should be <b>Energy Efficient</b> & must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working environment.	
14			Please clarify our query raised regarding specification of Biosafety cabinet where point no. 6.6 says that motor for air circulation should be dual DC whereas it should be single DC motor .You have asked for NSF certified biosafety cabinet and NSF never ask for dual motor.	
15	Section VII – Schedule of Requirements –	Cabinet must be capable of automatically	Amendment requested:	There is no change in the requirement

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.7	handling 150% or more increase in pressure drop across the filter without reducing total air delivery >10%	Cabinet must be capable of automatically handling <b>200%</b> or more increase in pressure drop across the filter without reducing total air delivery >10%	
16	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.8	<b>Air Circulation:</b> The cabinet must automatically reduce fan/ blower motor speed to 30% when the front window sash is in closed position to ensure reduced energy consumption when the cabinet is not in use.	Reduction of air speed in stand-by mode is not allowed by European standard for safety reasons.	<b>The para stands deleted.</b>
17	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.9	Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the NFS 49 guidelines for the bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. must be provided by the bidder for above work. The site may be inspected by the bidder if needed after taking permission from head of department of the institute	Amendment requested: Canopy (Thimble) unit for ducting exhaust connection ( <b>Regulation Kit and External Fan</b> ) to outside the room <b>should be offer from the same manufacture</b> (exterior environment) meeting material and the technical specification as per the NFS 49 / <b>EN</b> guidelines for the bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. must be provided by the bidder for above work. The site may be inspected by the bidder if needed after taking permission from head of department of the institute.	The requirement is amended as under:  Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the <b>EN 12469 or NSF 49</b> guidelines for the bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. must be provided by the bidder for above work. The site may be inspected by the bidder if needed after taking permission from head of department of the institute
18	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type	LED / LCD Display:  a) The microprocessor must display the inflow and down flow air velocities in real-time	Amendment requested:  LED / LCD Display:  a) The microprocessor must display the inflow and down flow air velocities in real-time on a LED / LCD <b>color coding</b> display	There is no change in the requirement

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	A2 – Sr. No. 6.10	<p>on a LED / LCD display</p> <p>b) Display showing hours of operation</p> <p>c) Visual and audible alarm for showing front window working position safety</p> <p>d) Visual and audible alarm for showing airflow safety</p>	<p>b) Display showing hours of operation</p> <p>c) Visual and audible alarm for showing front window working position safety</p> <p>d) Visual and audible alarm for showing airflow safety</p>	
19	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 7.1	Lighting power at least $\geq 1100\text{lx}$	<p>Amendment requested:</p> <p>Lighting power at least <b><math>\geq 1000\text{lx}</math></b></p>	<p>The para is being amended as under:</p> <p><b>Lighting power at least <math>\geq 1000\text{lx}</math></b></p>
20	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 7.2 and 7.4	<p>Smart ports: Two 3” plugged cable ports, one on each side wall</p> <p>Receptacles of 220 V: two standard single receptacles located on rear wall, right and left side</p>	The two points seems as same meaning. Please clarify	It is to clarify that these two points have same meaning.
21	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 7.6	The cabinet noise level must be less than 65 dBA	<p>Amendment requested:</p> <p>The cabinet noise level must be less than <b>58 dBA</b></p>	There is no change in the minimum specification requirement.
22	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I -	<b>Installation, onsite validation and certification</b> to be provided with testing as per “Field Certified in	<p>Amendment requested:</p> <p>Installation, onsite validation and certification to be provided with testing as per “Field Certified in accordance with NFS/ANSI 49/ <b>EN 12469</b> and</p>	The requirement is being amended as under: Installation, onsite validation and certification to be



S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 8.0	<p>accordance with NFS/ANSI 49” and must meet the criteria as prescribed by NFS/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 performance of onsite validation and certification tests as per standards mentioned in NFS/ANSI 49 document for the following parameters:</p> <ol style="list-style-type: none"> <li>1. HEA filter leak test</li> <li>2. Down flow face velocity</li> <li>3. Inflow velocity</li> <li>4. Air flow smoke pattern test</li> <li>5. Cabinet integrity test (positive pressure plenum cabinets only)</li> <li>6. Site installation assessment tests which includes (alarm functions as required by NFS/ANSI 49 standard, blower interlock and exhaust system performanc</li> </ol>	<p>must meet the criteria as prescribed by NFS/ANSI 49/ <b>EN 12469</b> for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the performance of onsite validation and certification tests as per standards mentioned in NFS/ANSI 49 / <b>EN 12469</b> document for the following parameters:</p> <ol style="list-style-type: none"> <li>1. HEA filter leak test</li> <li>2. Down flow face velocity</li> <li>3. Inflow velocity</li> <li>4. Air flow smoke pattern test</li> <li>5. Cabinet integrity test (positive pressure plenum cabinets only)</li> <li>6. Site installation assessment tests which includes (alarm functions as required by NFS/ANSI 49/ <b>EN 12469</b> standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance)</li> </ol>	<p>provided with testing as per “Field Certified in accordance with NSF/ANSI 49/ <b>EN 12469</b> and must meet the criteria as prescribed by NSF/ANSI 49/ <b>EN 12469</b> for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the performance of onsite validation and certification tests as per standards mentioned in NSF/ANSI 49 / <b>EN 12469</b> document for the following parameters:</p> <ol style="list-style-type: none"> <li>1. HEA filter leak test</li> <li>2. Down flow face velocity</li> <li>3. Inflow velocity</li> <li>4. Air flow smoke pattern test</li> <li>5. Cabinet integrity test (positive pressure plenum cabinets only)</li> <li>6. Site installation assessment tests which includes (alarm functions as required by NSF/ANSI 49/ <b>EN 12469</b> standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance)</li> </ol>

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		e (proper exhaust duct negative pressure and canopy and performance)		
23	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 9.1	The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs	Amendment requested:  The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and <b>HEPA Filters</b> and repairs	It is to clarify that the warranty shall cover entire equipment including HEPA Filters. There is no necessity of amending the Para.
24	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 –	--	Additional Point 1. Manual sliding window with external pneumatic pistons for internal cleaning and entering large objects and accessories into the working chamber.	There is no change in the minimum specification requirement, however bidders may quote superlative / additional features as already available in the equipment / model quoted.

## Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 3	With safety Lid Lock	Suggested Specifications:  Safety lid lock & lid should not open during run	There is no change in the minimum specification requirement.
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II -	With Digital Speed Meter	Suggested Specifications:  With Digital Speed Meter with RCF display	There is no change in the minimum specification requirement.

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 4		Reason: As centrifuge is based on centrifugal force therefore RCF is more important than speed and all the application are being based with respect to Relative Centrifugal Force	
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 5	Timer for setting time between 0 to 60 min with increment of at least 5 min.	<b>Suggested change:</b> Timer for setting time between 0 to 60 min with increment of at least <b>1 min.</b> ,  <b>Justification:</b> Time setting with increment of 1 min instead of 5 min will give more flexibility to the user. Moreover this is a standard specification being followed in almost all the products.	The requirement is being amended as under:  <b>Timer for setting time between 0 to 60 min with increment of at least 1 min.</b>
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 6	<b>Rotor:</b> Angled head with capacity for at least 3-8ml blood tubes fit <ul style="list-style-type: none"> <li>• Adaptors Each with capacity of 6ml tube</li> <li>• Adaptors Each with capacity of 8ml tube</li> </ul>	We would like to state that SL # 06 specification do not specify the sample load for the mentioned sample volume.  It is kindly requested to specify the no. of place (minimum 6) on the angled rotor for the samples.  <b>Amendment required:</b> “Angled head with capacity for at least <b>8 numbers of 3-8ml blood tubes fit</b> ”  <b>Reason for Amendment:</b> Tube no. should be mentioned along with volume for making the specs relevant otherwise there is a confusion.	The requirement is being amended as under:  <b>Rotor:</b> Angled head with capacity for at least <b>24 tubes</b> , 3-8ml tubes fit <ul style="list-style-type: none"> <li>• Adaptors Each with capacity of 6ml tube</li> <li>• Adaptors Each with capacity of 8ml tube</li> </ul>
5			<b>Amendment required:</b> “Angled head with capacity for at least <b>8 numbers of 3-8ml blood tubes fit</b> ”	
6			<b>Suggested change:</b>  <b>Rotor:</b> Angled head with capacity for at least <b>24 tubes</b> , 3-8ml tubes fit <ul style="list-style-type: none"> <li>• Adaptors Each with capacity of 6ml tube</li> <li>• Adaptors Each with capacity of 8ml tube</li> </ul> <b>Justification:</b> Time setting with increment of 1 min instead of 5 min will give more flexibility to the user. Moreover this is a standard specification being followed in almost all the products.	
7			<b>Suggested Change:</b>  <b>Rotor:</b> Swing Angled head rotor with capacity of <b>28 nos or more</b> tubes for at least 3-8ml blood tubes fit	
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge	--	<b>Point No. 9 should include:</b> “Instrument must be in vitro diagnostics (IVD) certified.”  <b>Reason for including IVD certification:</b>	There is no change in minimum specification requirement.

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	Machine (Table Top) Speed – 4000 RPM (min)		In vitro diagnostic products, as defined by FDA are those reagents, instruments, and systems intended for use in diagnosis of disease or other conditions, including a determination of the state of health, in order to cure, mitigate, treat, or prevent disease or its sequelae. Such products are intended for use in the collection, preparation and examination of specimens taken from human body	
9	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min)	--	<p><b>Specs should include:</b> “Instrument should be USFDA, CE, UL certified”</p> <p><b>Reasons for Including:</b> These certifications guarantee the genuine worldwide used products. The same is included in Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)</p>	<p>The new para is being added at Sr. No.9.7. as under:</p> <p><b>The bidder should provide installation qualification (IQ), operational qualification (OQ) and performance qualification (PQ) with all documents in original at the site of installation. It should be FDA/CE/UL approved Manufacturer should have ISO 9001 certification of the quality standard Log book for maintenance of the equipment at no extra cost</b></p>
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min)	--	<p><b>Specs should include:</b> “Instrument should be supplied with Bio containment lids with third party certification”</p> <p><b>Reasons for Including:</b> Such containment lids ensure the user is not exposed to clinical sample in case of tube breakage and reduce the risk of contamination.</p>	There is no change in minimum specification requirement.
11	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min)	--	<p><b>Additional points suggested:</b> Centrifuge should work on brushless induction motor with variable frequency drive</p> <p><b>Justification:</b> It is important to mention this feature as most of the manufacturers are having both types of variants. i.e. motors with carbon brushes as well as brushless motors. There are specific</p>	Please refer to Section VIII – General Conditions of Contract GCC Para 28.1 which requires that all the Goods supplied should be <b>of the most recent or current models, and that they incorporate all</b>

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
			<p>advantages of brushless induction motor.</p> <ul style="list-style-type: none"> <li>No need to change carbon brushes, practically maintenance free.</li> <li>Constant speed even during voltage fluctuations.</li> <li>Technology widely available &amp; used.</li> <li>Cost effective</li> </ul>	<b>recent improvements in design and materials</b> , unless provided otherwise in the Contract.
12			<p><b>Additional Point to insert:</b> Motor should be brushless induction</p> <p><b>Reason:</b> So as to have less noise and no frequent break down due to change of carbon brushes</p>	
13	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min)	--	<p><b>Additional points to insert:</b></p> <ol style="list-style-type: none"> <li>Rotors and buckets to be metallic - for longevity of rotor or faster heat dissipation</li> <li>Rotor, Buckets and adapters should be fully autoclaveable - In case of any infection or tube breakage the decontamination can be done</li> <li>Rotor Chamber to be made of metallic - For easy cleaning</li> <li>Rotors to be provided with certified aerosol tight lid - To prevent cross contamination and safety of user</li> <li>Automatic lid opening after completion of run - So to prevent sample getting heated up</li> <li>Dynamic &amp; Soft brake - So to prevent sample getting mixed up after separation</li> <li>Centrifuge should be IVD certified with European CE/USFDA/UL - For the safety of User</li> </ol>	<p>Please refer to Section VIII – General Conditions of Contract GCC Para 28.1 which requires that all the Goods supplied should be <b>of the most recent or current models, and that they incorporate all recent improvements in design and materials</b>, unless provided otherwise in the Contract.</p> <p>The additional points suggested are well appreciated, but seems to be features specific to your product, hence can't be included in the 'Minimum Specification Requirement'.</p>

### Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical	Timer for setting time between 0 to 60 min with increment of at least 5 min.	<b>Suggested change:</b> Timer for setting time between 0 to 60 min with increment of at least <b>1 min.</b> ,	The para is being amended as under:

	Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min) – Sr. No. 5		<p><b>Justification:</b> Time setting with increment of 1 min instead of 5 min will give more flexibility to the user. Moreover this is a standard specification being followed in almost all the products.</p>	<b>Timer for setting time between 0 to 60 min with increment of at least 1 min.</b>
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min) – Sr. No. 6	<b>Rotor:</b> Swing out with capacity to fit minimum 28 blood tubes of 15 ml each & Adaptors for 15 ml tubes	<p>We would like to state that SL # 06 specification specify loading capacity of 28 TUBES in swing out rotor for samples.</p> <p>It is kindly requested to specify <b>minimum loading capacity of minimum 24 tubes</b> at a time (standard slot) along with adapters for 5/7/10 ml vacutainers to attract more competitive bidding.</p>	The para is being amended as under:  <b>Rotor: Swing out with capacity to fit minimum 24 blood tubes of 15 ml each &amp; Adaptors for min 5 ml tubes (vacutainers)</b>
3			<p><b>Amendment required:</b> “<b>Rotor:</b> Swing out with capacity to fit minimum 24 tubes with standard capacity of 5-7ml blood”</p> <p><b>Reason for Amendment:</b> Including 24 tubes makes the more generalized for vendors to participate. Also, 15ml tubes should not be included as it is not the standard size of tubes for blood samples.</p>	
4			<p><b>Suggested change:</b></p> <p><b>Rotor:</b> Swing out with capacity to fit minimum 24 blood tubes of 15 ml each &amp; Adaptors for 5 ml tubes (vacutainers)</p> <p><b>Justification:</b> The capacity of 16 &amp; 24 tubes is standard &amp; available from most of the manufacturers. Moreover, adapters for 15ml tube in 15ml capacity cannot be possible. Usually 5ml blood tubes (vacutainers) are used in 15ml capacity tubes for which adapters are required..</p>	
5			<p>Kindly add adaptor for 3-5ml vacutainers as most of the sample will be collected in glass vial or vacutainers</p>	
6			Dynamic brake for quick deceleration	

7	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min) – Sr. No. 10.4	The bidder should provide installation qualification (IQ), operational qualification (OQ) and performance qualification (PQ) with all documents in original at the site of installation. It should be FDA/CE/UL approved Manufacturer should have ISO 9001 certification of the quality standard Log book for maintenance of the equipment at no extra cost	<p><b>Suggested change:</b> The bidder should provide installation qualification (IQ), operational qualification (OQ) and performance qualification (PQ) with all documents in original at the site of installation. It should be FDA/ <b>European CE/UL</b> approved Manufacturer should have ISO 9001 certification of the quality standard Log book for maintenance of the equipment at no extra cost</p> <p><b>Reasons:</b> European CE offers better safety and quality measures.</p>	It is to clarify that The CE is meant to ‘European CE’ only
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)	--	<p><b>Point No. 9 should include:</b> “Instrument must be in vitro diagnostics (IVD) certified.”</p> <p><b>Reason for including IVD certification:</b> In vitro diagnostic products, as defined by FDA are those reagents, instruments, and systems intended for use in diagnosis of disease or other conditions, including a determination of the state of health, in order to cure, mitigate, treat, or prevent disease or its sequelae. Such products are intended for use in the collection, preparation and examination of specimens taken from human body</p>	There is no change in minimum specification requirement.
9	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)	--	<p><b>Specs should include:</b> “Instrument should be supplied with Bio containment lids with third party certification”</p> <p><b>Reasons for Including:</b> Such containment lids ensure the user is not exposed to clinical sample in case of tube breakage and reduce the risk of contamination.</p>	There is no change in minimum specification requirement.
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)	--	<p><b>Additional points suggested:</b> Centrifuge should work on brushless induction motor with variable frequency drive</p> <p><b>Justification:</b> It is important to mention this feature as most of the manufacturers are having both types of variants. i.e. motors with carbon brushes as well as brushless motors. There are</p>	The new para (2.A) is being added as under:  “ <b>Centrifuge should work on brushless induction motor with variable frequency drive.</b> ”

			<p>specific advantages of brushless induction motor.</p> <ul style="list-style-type: none"> <li>• No need to change carbon brushes, practically maintenance free.</li> <li>• Constant speed even during voltage fluctuations.</li> <li>• Technology widely available &amp; used.</li> <li>• Cost effective</li> </ul>	
11	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min)	--	<p><b>Additional Point to insert:</b> Motor should be brushless induction</p> <p><b>Reason:</b> So as to have less noise and no frequent break down due to change of carbon brushes</p>	

## Schedule No. IV - Vortex Mixer

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IV - Vortex Mixer – Sr. No. 2	Adjustable to 100 to 3000 rpm	<p><b>Amendment required:</b> 300 to 3000rpm</p> <p><b>Reasons:</b> 100rpm is not able to do any Vortexing so minimum 300rpm required for any noticeable Vortexing</p>	There is no change in minimum specification requirement.
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IV - Vortex Mixer – Sr. No. 7.1	The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs	<p><b>Amendment required:</b> 3 years</p> <p><b>Reasons:</b> Its a small equipment and cannot be covered under warranty for 6 years</p>	There is no change in minimum specification requirement.
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IV - Vortex Mixer – Sr. No. 7.2	The manufacturer should be able to provide service of equipment across India within 24 hours after receipt of breakdown report for the metro locations and within 3 days for non-metro located instruments	<p><b>Amendment required:</b> The reach time of Service Engineer should be reduced to 3-5 days.</p> <p><b>Reasons:</b> The equipment is very economical and even to reach the metro cities in 24 hours will cost the amount more than 10 times of the equipment cost</p>	There is no change in minimum specification requirement.
4	Section VII – Schedule of Requirements – Technical Specifications –	The bidder will provide installation qualification, operational qualification and	The log book should be maintained by the institute	There is no change in minimum specification requirement
5	Section VII – Schedule of Requirements – Technical Specifications –		As discussed this is plug and play instrument and also less costing	



	Schedule No. IV - Vortex Mixer – Sr. No. 7.4	performance qualification with log book for maintenance of the equipment at no extra cost	general lab item, in the requirement IQ/OQ is required (7.4 of Other requirements) which will cost more than the instrument if done at 80 installation sites. We would request you to reconsider this requirement and kindly remove it from the requirement list.	
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IV - Vortex Mixer – Sr. No. 7.5	The bidder will be responsible for training of lab staff on operation of equipment	Training should not be mandatory as it is plug and play equipment	

## Schedule No. V - Pipettes – 100-1000µl

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-1000µl – Sr. No.10.2	Single Channel with variable volume	Suggested specification:  Single Channel with variable volume ,light weight with high precision, robust & dependable  Reasons: For better ergonomics and to reduce fatigue for user	There is no change in minimum specification requirement.
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-1000µl – Sr. No.6	Volume display	Suggested specification:  <b>Display: should have 4 position volume display, with an integrated lens for better visibility of the volume, Display always visible and facing the user during operation</b>  Reasons: <b>to set volume upto 4 digit and easy display&amp; visibility</b>	There is no change in minimum specification requirement.
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-1000µl – Sr. No.7	Compatible for universal tips available in India	Suggested specification:  <b>Compatible for universal tips available in India with help of spring loaded tip cone</b>  Reasons: <b>To prevent tip cone damage and better fitment of all tips</b>	There is no change in minimum specification requirement.
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-	Fully Autoclavable	<b>Suggested Specification:</b>  Fully Autoclavable Completely autoclavable at 121°C (20 min) without disassemble- for maximum protection from contamination	There is no change in minimum specification requirement.

	1000µl – Sr. No.9			
5	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-1000µl – Sr. No.10.2	The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs	<b>Amendment required:</b> Warranty should be 3 years  <b>Reasons:</b> As this is an equipment which is considered as consumables in the lab. The life depends on the handling and chemicals used so 6 years warranty asked for is not justifiable.	There is no change in minimum specification requirement.
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. V - Pipettes – 100-1000µl	--	Suggested to insert the following points: <ol style="list-style-type: none"> <li>1. MOC (Material of Construction): Corrosion resistant piston and sealing material, to allow uniform and smooth pipetting</li> <li>2. Maximum permissible systematic error (at 100% volume) ± 1%</li> <li>3. Maximum permissible Random error (at 100% volume) ± 0.2%</li> <li>4. Identification Individual serial number engraved on the instrument and also has individual labelling area for user specific identification</li> <li>5. Pipettes should be IVD certified with European CE/USFDA/UL for safety of user</li> </ol>	There is no change in minimum specification requirement.

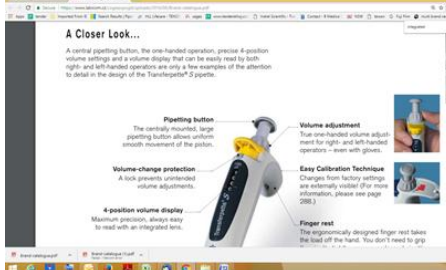
## Schedule No. VI - Pipettes – 20-200µl

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 2	Single Channel with variable volume	<b>Suggested specifications:</b>  Single Channel with variable volume ,light weight with high precision, robust & dependable  <b>Reasons:</b> For better ergonomics and to reduce fatigue for user	There is no change in minimum specification requirement.
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 3	Dispensing Increment: 0.1µl	<b>Amendment required:</b> 0.2µl should be the minimum increment. <b>Reasons:</b> To get the precision with 2-200 it is advisable to go for at least 0.2µl increment.	The requirement is being amended as under:  <b>Dispensing Increment: 0.2µl</b>

3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 6	Volume display	<p><b>Suggested specifications:</b></p> <p>Display: should have 4 position volume display, with an integrated lens for better visibility of the volume, Display always visible and facing the user during operation</p> <p><b>Reasons:</b> to set volume upto 4 digit and easy display &amp; visibility</p>	There is no change in minimum specification requirement.
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 7	Compatible for universal tips available in India.	<p><b>Suggested specifications:</b></p> <p>“Compatible for universal tips available in India with help of spring loaded tip cone”</p> <p><b>Reasons:</b> To prevent tip cone damage and better fitment of all tips</p>	There is no change in minimum specification requirement.
5	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 9	Fully Autoclavable	<p><b>Suggested specifications:</b></p> <p>Fully Autoclavable Completely autoclavable at 1210C (20 min) without disassemble- for maximum protection from contamination</p>	There is no change in minimum specification requirement.
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl	--	<p>Suggested to insert the following points:</p> <ol style="list-style-type: none"> <li>1. MOC (Material of Construction): Corrosion resistant piston and sealing material, to allow uniform and smooth pipetting</li> <li>2. Maximum permissible systematic error (at 100% volume) <math>\pm 1\%</math></li> <li>3. Maximum permissible Random error (at 100% volume) <math>\pm 0.3\%</math></li> <li>4. Identification Individual serial number engraved on the instrument and also has individual labelling area for user specific identification</li> <li>5. Pipettes should be IVD certified with European CE/USFDA/UL for safety of user</li> </ol>	There is no change in minimum specification requirement.
7	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 10.2	The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs	<p><b>Amendment required:</b> Warranty should be 3 years</p> <p><b>Reasons:</b> As this is an equipment which is considered as consumables in the lab. The life depends on the handling and chemicals used so 6 years warranty asked for is not justifiable.</p>	There is no change in minimum specification requirement.
8	Section VII – Schedule of Requirements –	--	<p>Suggestion to insert following for the safety of user:</p>	There is no change in minimum

	Technical Specifications – Schedule No. VI - Pipettes – 2-20µl		“Pipettes should be IVD certified with European CE/USFDA/UL”	specification requirement.
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## Schedule No. VII - Micropipette

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 4	Should have effortless one hand operation: Volume setting , Volume Locking Pipette an dtip ejection- all operations with single hand	<p><b>Suggested change:</b></p> <p>Should have effortless one hand operation: Volume setting , Volume Locking Pipette and tip ejection- all operations with single hand</p> <p><b>Remarks:</b> Pipette have Single hand effortless operation. Pipette have Advance Volume Gearing System (AVG System) which do not allow sudden change in volume.</p>	There is no change in minimum specification requirement.
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 6	<b>Display:</b> should have 4 position volume display, with an integrated lens for better visibility of the volume, Display always visible and facing the user during operation	<p>We would like to state that SL # 06 specification is biased towards a particular brand. (Page enclosed)</p> <p>It is kindly requested to make it generic so that you can attract more competitive bids.</p> 	The requirement is being amended as under:  <b>Display: should have 3 position volume display. Display always visible and facing the user during operation</b>
3			<p>Amendment required: 3 Position Volume</p> <p>Reasons: As the Pipette volume range is 2-20 it can take 3 digits volume not 4</p> <p>These specs are for a particular make and it should be removed from the open tender</p>	
4			<p><b>Suggested Change:</b></p> <p>Display should be 2 or 3 digit</p> <p><b>Remarks</b> Please specify the display as you have mentioned 4 digit but you required a pipette 2-20ul which is</p>	

			having 2 or 3 digit display only. Please confirm?	
5	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 11	Maximum permissible systematic error (at 100% volume) $\pm 1\%$	Should not mandatory, some percentage of variation should be considered. Feature is company specific	The para is being amended as under:  <b>Maximum permissible systematic error (at 100% volume) <math>\pm 3\%</math> &amp; <math>\pm 1\%</math></b> <b>(Note: first applies to lower volume and second applies to higher volume)</b>
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 12	Maximum permissible Random error (at 100% volume) $\pm 0.4\%$	Should not mandatory, some percentage of variation should be considered. Feature is company specific	The para is being amended as under: <b>Maximum permissible Random error (at 100% volume) <math>\pm 2.5\%</math> &amp; <math>\pm 0.4\%</math></b> <b>(Note: first applies to lower volume and second applies to higher volume)</b>
7	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 13	Identification Individual serial number engraved on the instrument and also has individual labelling area for user specific identification	Feature is company specific	
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 16	Should provide annual service & calibration	Now most of the pipettes are coming with self-calibration features	There is no change in minimum specification requirement.

## Schedule No. VIII - Refrigerator (2-8°C)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No.	Refrigerator Type: Top Freezer Refrigerator	<b>Suggested changes:</b>  Vertical Refrigerator  <b>Justification:</b>	There is no change in minimum specification requirement.

	VIII - Refrigerator (2-8°C) – Sr. No. 2		Top Freezers are generally available in domestic models	
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VIII - Refrigerator (2-8°C) – Sr. No. 8	Star Rating: 5	<b>Suggested changes:</b>  To be removed  <b>Justification:</b>  Again applicable for domestic refrigerators	There is no change in minimum specification requirement.
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VIII - Refrigerator (2-8°C) – Sr. No. 10	Other performance features: 12 hrs cooling retention during power cuts, advanced moisture control	<b>Suggested changes:</b>  Other performance features: 1-2 hrs cooling retention during power cuts, advanced moisture control <b>Justification:</b>  Cooling retention of 12 hours is not possible in laboratory refrigerators with toughened glass door. At the most temperature can be retained for 60-90 mins, depending on door opening.	The para is being amended as under:  <b>Other performance features: 1-2 hrs cooling retention during power cuts.</b>
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VIII - Refrigerator (2-8°C) – Sr. No. 11	Warranty summary: 1 year on Refrigerator & 10 years on Compressor	<b>Suggested changes:</b>  Warranty summary: 1 year on Refrigerator <b>Justification:</b>  Warranty of 10 years on compressor is available in domestic models only.	There is no change in minimum specification requirement.

## Schedule No. IX - Deep Freezer (-20°C)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 1	Capacity: 370-400 ltr. or better	Amendment requested : <b>Capacity :- 300 to 400 Liters</b>	The para is being amended as under:  <b>Capacity: 400 ltr. or better</b>
2			Please clarify Liter Capacity in Deep Freezer. As Standard models comes from 340 Liter & onwards so we request you provide some allowance in Liter Capacity	
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 2	Microprocessor controlled vertical (upright) Deep Freezer (-20°C) with 3-4 interior compartments / adjustable shelves with preferably to internal doors	Please clarify that Adjustable shelves & inner doors are compulsory to meet or not.  As In Standard -40 Degree C Deep Freezer comes with direct cooling technology do not have a adjustable shelves & come without inner doors	It is to clarify that adjustable shelves and inner doors are not compulsory.

4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 3	Digital display of temp with facility to set temp between -10°C to -40°C with 1°C increment	Suggested change:  Digital display of temp with facility to set temp between -10°C upto -20°C with 1°C increment  Justification: For requirement of -20°C, temperature can be set upto -20°C only	The para is being amended as under:  <b>Digital display of temp with facility to set temp between -10°C to -20°C with 1°C increment</b>
5			Amendment requested :  Digital Display of temperature with facility of set temperature between -16 °C to -24°C instead of -10°C to -40°C (because requirement is for -20° C Deep Freezer	
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 5	Hermetically sealed 2-stage compressor for cascade function	Suggested change:  Hermetically sealed compressor  Justification:  2 stage cascade function is needed for temperature range of -80°C and above. The temp of -20°C is easily achievable with single compressor only	The requirement is being amended as under:  <b>“Hermetically sealed compressor”</b>
7			For -40 Degree, In India All manufacture prepare -40 degree deep freezer with Single stage compressor as cascade technology is used for -86 Degree C Freezer. We request you to amend the this term also	
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 6	Polyurethane vacuum insulation with silicon gasket on doors for tight sealing	Suggested change:  Polyurethane insulation with silicon gasket on doors for tight sealing  Justification:  Vacuum insulation is not needed for temperature range of -20°C.	The requirement is being amended as under:  <b>Polyurethane insulation with silicon gasket on doors for tight sealing</b>
9	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 7	Double-door with lockable outer door	Amendment requested :  <b>Lockable Outer door with inner shelves and drawers</b>	The requirement is being amended as under:  <b>“Lockable outer door”</b>
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX	--	Suggested to be added: Exterior made up of powder coated MS sheet steel with interior of 22 gauge AISI 304 stainless steel  Justification:	There seems no need to mention additional point in the minimum specification requirement given in the Bid Document.

	- Deep Freezer (-20°C)		Deep Freezers with plastic body are also available which may not be long lasting, Exterior of sheet steel & interior made up of stainless steel is better, durable & widely used.	
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## Schedule No. X - Deep Freezer (-80°C)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 7	Refrigeration HP: Two 1.25 HP each	Please clarify this point as in India Many manufactures are preparing ULT freezer with Lesser HP & Better Performance. Please amend these term.	It is to clarify that the Compressor HP could be as per design to achieve -80°C.  <b>The para stands deleted.</b>
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 9	Heavy duty, cold rolled steel cabinets with a powder coat paint finish for a uniform exterior that resists chipping and rust	Suggested specifications for prevention from rusting and corrosion:  “Heavy duty, cold rolled steel cabinets with a powder coat paint finish for a uniform exterior that resists chipping and rust and interior chamber should be made of 316 grade stainless steel”  Reasons: For prevention from rusting and corrosion.	There is no change in the minimum requirement
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 15	Four inner doors to reduce cold air loss and improve temperature recovery after door openings	Please clarify Whether we can submit the bid with two Inner door or we need to Quote with 4 Inner Door	It is to clarify that min four inner doors are required with 1 outer door
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 17	Safety-backup systems for additional sample protection in the event of power failure or mechanical failure.	Suggested specifications:  “Safety-backup systems for additional sample protection in the event of power failure or mechanical failure should be provided with CO2 backup system with cylinder”	There is no change in the minimum requirement

## Schedule No. XI - Refrigerator (220/390 Liters)



S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Nil		

## Schedule No. XII - Vertical Ice Lined Refrigerator (ILR) - 200 Liters

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Nil		

## Schedule No. XIII - Cold Carrier (HIV Test Kit Carrier)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XIII - Cold Carrier (HIV Test Kit Carrier) – Sr. No. 8	Cool Gel of size - 21 x 8 cm (12 Nos.) to be supplied with each unit	<p>Change required: Cool Gel of size - 21 x 8 cm (minimum 2 sets of 12 Nos.) to be supplied with each unit Alternatively Minimum 2 Set of 5 Coolant Sheets of suitable sizes to be supplied for placing it on 5 sides inside the carrier</p> <p>Considering the shape and size of the HIV kit boxes, the use of Coolant sheets will improve the convenience and performance of carrier. Hence alternative coolant products should be included in the specs.</p>	The para is being amended as under: <b>Cool Gel of size - 21 x 8 cm (12 Nos.) or Coolant Sheets of suitable sizes (5 Nos.) to be supplied with each unit</b>
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XIII - Cold Carrier (HIV Test Kit Carrier) – Sr. No. 10	Warranty: 3 years	<p>Change Required: Warranty: 3 years. Warranty will not include the wear &amp; tear, breakage, destructions during handling of the carrier. Cool Gels / Coolant Sheets are not covered under warranty.</p> <p>During the use of Cold Carrier, there is possibility of wear &amp; tear of Cold carrier. The cold carrier being the passive cooling system, there are no electronic components used in the carrier. Hence the warranty should be for manufacturer defect and should not cover wear &amp; tear, breakage during handling. Cool</p>	<p>It is to clarify that the warranty is intended for the Cold Carrier, not for Cold Gel / Coolant sheets.</p> <p>The standard warranty shall be applicable. It shall not cover wear &amp; tear due to normal use / handling of the cold carrier.</p>

			Gels/ Coolant sheets are of consumable in nature hence cannot be covered under warranty	
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## Schedule No. XIV - Infrared Digital Thermometer

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XIV - Infrared Digital Thermometer – Sr. No. 9	Certification: At least National Physical Laboratory certified	Change required: Certification: National Physical Laboratory certified or CE, ISO or equivalent  The Digital Thermometer are required to be CE or equivalent certified and supplied with Calibration Certificate. However in the case of goods manufactured outside India, it is not possible to obtain National Physical Laboratory certified.	The para is being amended as under:  <b>Certification: National Physical Laboratory or CE certified</b>
2			Requirement 9 says “Certification – Atleast National Physical Lab certified”. We are dealing with imported Infrared Digital Thermometer which are manufactured as per European guidelines. We would request you to accept our product and remove (or be lenient) on this clause. If this is removed many more international bidders will participate	

## Schedule No. XV - Needle Destroyer

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Nil		

## Schedule No. XVI - Digital Weighing Machine for Baby

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	Section VII – Schedule of Requirements – Technical	The Tray should be made of SS/ fiber glass/acrylic	In the Tender it is mentioned that, the “Tray for the Digital Baby weighing scale” should be “Steel /fiber glass/Acrylic”. “Acrylic” is a	The para is being amended as under: <b>“The Tray should be made of SS/ fiber</b>

	Specifications – Schedule No. XVI - Digital Weighing Machine for Baby – Sr. No. 7		very fragile/brittle material, whereas ABS plastic which is of a strong polymer, and now a days the worldwide standard. The Acrylic Tray would be more fragile/brittle and can break against a small pressure or mishandling. We request you to kindly incorporate ABS tray in the specification of the Tray	glass/acrylic/ABS plastic”
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XVI - Digital Weighing Machine for Baby – Sr. No. 10	Warranty: 3 Years	The Warranty required for the Baby weighing Machine is 3 years, but the battery inside the machine is an bought out item and no battery manufacturer would provide the years warranty, however we can provide the three years warranty for our Weighing machine, excluding the battery	It is to clarify that the Battery provided along with the Digital Weighing Machine for Baby is excluded from warranty coverage

### Schedule No. XVII - Biomedical Waste Bin (set of 5)

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Nil		

### Schedule No. XVIII - Locked Cupboard

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Nil		

## Part-II Commercial

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response
1	Invitation for Bids (IFB) Sr. No. 2 & 6	Bidders intending to submit their e-bids, should deposit a non-refundable Transaction fee of Rs.15,000 or US\$ 225) through the transaction fee link in the bidder’s login. The	Amendment Required:	Bidders are required to deposit SINGLE non-refundable transaction fee (Rs.15,000/- or US\$225), in case they choose to participate
2			Tender Fee not more than 5,000/- EMD and Tender fee exemption will be given for NSIC Holders?  15% price preference will be given to NSIC holder to calculate L-1?	

3		bidders who have deposited the transaction fee as above will only be able to submit the bids online	Please confirm, any exemption of EMD is allowed or not.	for single, multiple, or all the Schedules.  It is to clarify that exemptions for EMD or processing fee or price preference is not provided to any class of bidder as it is an International Competitive Bidding as per World Bank Guidelines funded by GFATM
4	Section VII – Schedule of Requirements – Delivery Schedule	Total quantity of the Goods should be supplied / installed / commissioned and tested (as the case may be) at Final Destinations within 90 days from the date of Notification of Award	Amendment Required:  It should be 120 days to 150 days	There is no change in the Delivery Schedule given in the Bid Document.
5			Delivery period: the delivery period needs to be extended beyond 90 days to at least 150 days or the entire requirement flexibility to be provided for part-delivery.	
6			All Supply has to deliver at one State or its district and other parts separately.	It is to clarify that supply has to be made at individual consignee locations (at other parts of States)
7	Section I: - Instructions to Bidders – Para 42.1 and Section X – Contract Forms and Section IX – Special Conditions of Contract – GCC 18.3	“Within twenty-eight (28) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, subject to ITB 34.5, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser’s Country”	Indian manufacturers also will be given irrevocable Inland L/C against submission of 10% PBG?	It is to clarify that no provision of L/C against submission of 10% Performance security is available either to domestic or foreign bidder.  The Performance Security should be submitted in form of Bank Guarantee as per format given in Section X

		<p>The performance security shall be in the form of a bank guarantee and the named beneficiary shall be "Pay and Account Officer, Ministry of Health and Family Welfare, Govt. of India. The bank guarantee shall be issued either by a bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India) or a foreign bank through a correspondent bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India), acceptable to the purchaser.</p> <p>The Bank Guarantee shall be in the format provided in the Bidding Documents.</p> <p>The bank guarantee mentioned in SCC 18.1 b) above shall be in a format acceptable to the Purchaser</p>		
8	Section IX – Special Conditions of Contract – GCC 16.1	<p>The payment under this Contract shall be released by Pay and accounts Officer, Ministry of Health and family Welfare, Govt. of India after due scrutiny, verification of documents submitted by supplier to Procurement Agent and recommendation thereon by Procurement Agent. Payment of foreign currency portion shall be made in the currency of the contract price by Electronic clearing systems (ECS) to the Supplier's nominated bank account. The method and conditions of payment to be made</p>	<p>Mode of payment: to be changed to letter of credit as the total amount involved is quiet high. Also for small schedules like 5,6,7 nos where only supply is involved in that case the payment should be made 100% in case of supply and getting Final Acceptance certificate</p>	<p>There is no change in mode of payment.</p>

		<p>to the Supplier shall be as follows:</p> <p>(a) <b>On Delivery:</b>  Eighty (80) percent of the Contract Price of the Goods delivered to the consignee shall be paid within sixty (60) days of submission of documents specified in SCC Clause 13 above and Consignee Receipt Certificate</p> <p>(b) <b>On Successful, Installation, Commissioning and Testing of equipment:</b>  Twenty (20) percent of the Contract Price of Goods received shall be paid within sixty (60) days of receipt of one original and three copies of commercial Invoice along with Final Acceptance Certificate issued by the consignee.</p> <p>(c) For imported Goods offered by the supplier on CIP basis, the payment made by supplier towards duties and taxes as applicable at the time of import of the goods to Purchaser's country shall be reimbursed to supplier within 60 (sixty) days upon submission of</p>		
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		claim for reimbursement along with all supporting documents viz. import duty and tax notifications issued by appropriate authority and proof of payment.		
9	Section III – Evaluation and Qualification Criteria – Para 3.1 (A) b. and 3.1 (B) d.	Documentary evidence (Client's certificate) in support of the satisfactory operation of the goods as specified above	Performance qualification: in this case the client certificate should be reduced to 5-10 no's only Amendment Required:  03 Nos. of Client Certificates are sufficient.	It is to clarify that the documentary evidences (Client's Certificate) in support of satisfactory performance of the Goods shall be required from <b>minimum 5 Clients</b>
10				
11	Section VIII – General Conditions of Contract – GCC Para 17 (Taxes and Duties)	<p>17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.</p> <p>17.2 For goods Manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.</p> <p>17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.</p>	As your budget is before the GST hence there is new tax on the item 28% Will you provide to supplier form "D" or other sales tax required form	No such forms shall be provided.
12	Section II – Bid Data Sheet ITB	Bid Security shall be required in Indian	1. As per tender document, It's not providing any exemption for	It is to clarify that exemptions for EMD

	<p>Para 19.1 and 19.3</p>	<p>rupees or in US Dollars. The amount of bid security required is specified in Section VII Schedule of Requirements</p> <p>The bid security shall, at the Bidder's option, be –</p> <p>(i) in the form of a bank guarantee and the named beneficiary shall be Strategic Alliance Management Services Pvt. Ltd., New Delhi The bank guarantee shall be issued by a bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India) or by a foreign bank through a correspondent bank located in the country of the Purchaser (Nationalized or Scheduled Bank in India) having a branch in Delhi. The bank guarantee shall be in the format provided in the Bidding documents. The bid security shall be valid for twenty-eight (28) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2</p> <p>(ii) in the form of a demand draft from a reputable banking institution in favor of "Strategic Alliance Management Services Pvt. Ltd, payable at New Delhi".</p> <p>Bid security in any other form will not be accepted and bid will be treated as non-responsive and rejected.</p>	<p>Small Scale Manufacturer to submit Security Deposit / EMD. You demanding amount of Rs.4,20,3,000/- for above mentioned tender. It is very huge amount to submit for participation only.</p> <ol style="list-style-type: none"> <li>2. Government of India in its effort to help MSEs, providing facilities for Exemption of Security Deposit / EMD according to notification No. F.No. 25(2)/2011-MA Dated 14<sup>th</sup> Oct 2011, We are requesting you please provide the facility to Indian SSI unit against Permanent SSI registration, NSIC, DGS&amp;D registration to promote them to participate in the tender process to be the process competitive, indirectly Government can save the procurement cost of Product.</li> <li>3. All State and Central Government departments providing exemption for all process done before</li> <li>4. We are requesting you, please issue exemption for submission of Security Deposit / EMD for the Tender.</li> <li>5. With reference to your tender documents, 19.1. <i>Bid Security: The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security, as specified in the BDS, in original form and, in the case of a bid security, in the amount and currency. But in BDS shows A Bid Security shall be required. A Bid-Securing Declaration shall not be required.</i></li> <li>6. You demanding Security Deposit of amount of Rs.4,20,33,000/- for above mentioned tender, It is very huge amount to submit for participation only, and removed facility of Bid Securing Declaration against submission.</li> <li>7. Please provide the facility of Bid Securing Declaration promote to participate in the tender process to be the process competitive, indirectly Government can save the procurement cost of Product</li> </ol>	<p>or processing fee or price preference is not provided to any class of bidder as it is an International Competitive Bidding as per World Bank Guidelines funded by GFATM.</p> <p><b>The bid security requirement for items given under Schedule No. III [Centrifuge Machine (Table Top) Speed 3000 RPM (Min)' and Schedule No. XII [Vertical Ice Lined Refrigerator – (ILR) – 200 Liters] is being amended to <u>Rs.20 Lakh (or USD equivalent) each.</u></b></p> <p>It is to clarify that the bid security is to be submitted in form of Bank Guarantee or Demand Draft (Please refer to Section II – Bid Data Sheet – ITB Para 19.3)</p>
13			<p>The earnest money is 2 Crore (CENTRIFUGAL MACHINE 3000 RPM) as per the specification it is near to the cost of supply item and qty.</p>	



14	Section III – Evaluation and Qualification Criteria Para 3.1 (A) and (B)	(A) If Bidder is Manufacturer: The bidder must have manufactured, supplied and provided after-sales services for similar equipment to the extent of at least <b>50%</b> of the quantity indicated under “Section – VII: Schedule of Requirements” <b>during last five calendar years.</b>	There should be relaxation of supplied machine direct to Govt. Dept. as Dealer Purchase the machine not for end use they also resale it hence the dealer sale should be valid for the term of tender.	It is to clarify that in case manufacturer is participating in this tender as bidder, the sale to dealers / distributors are acceptable to assess bidder’s qualification as per Section III (Evaluation and Qualification Criteria) Para 3.1 A, however, the Client Certificate submitted by the Bidder should be issued from end customer / user.
15		(B) Non-Manufacturer: The bidder must have supplied and provided after-sales services for similar equipment to the extent of at least <b>20%</b> of the quantity indicated under “Section – VII: Schedule of Requirements” <b>during last five calendar years.</b>	Amendment Required:  Relaxation is required at least 15% to 25%	There is no change in the requirement.
16	Section III – Evaluation and Qualification Criteria sub-para a. & c. of Para 3.1 (A) and (B)	The bidder should furnish the following information along with its bids  Details of experience and past performance on product offered and on those of similar nature within the past five calendar years and details of current contracts in hand and other commitments (suggested Performa given in Section IV).	Amendment Required:  Asked for maximum two years	There is no change in the requirement.
17	Section II – Bid Data Sheet – ITB 18.3(a)	The bid price shall be adjusted by the following factor(s):  (a) The foreign currency component of the prices shall be increased by the factor (2% per annum) for each week, or part of a week, that has elapsed from the expiration of the initial bid validity to the date of notification of	Amendment Required:  Need to be changed due to GST implementation.	There is no change in the requirement.

		<p>award to the successful Bidder.</p> <p>(b) Similarly, the local currency component of the price shall be increased by the factor (5 % per annum) for each week, or part of a week, that has elapsed from the expiration of the initial bid validity to the date of notification of award of the successful Bidder.</p> <p>(c) Bid evaluation will be based on the bid prices without taking into consideration the above correction.</p>		
18	Section II – Bid Data Sheet – ITB 11.1(j) 3.	The list of spare parts recommended for specific operating requirement of each equipment for a period of 10 years giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of ten years, following commencement of the use of the goods by the Purchaser	Amendment Required: The period not more than 5 years	There is no change in the requirement. This information has been asked to seek assurance that the goods supplied shall be serviceable / usable for the period of 10 years. In case, bidder has reservation to it (in terms of life of equipment) the same may be explicitly mentioned giving justification for stating so.
19	Section V – Bidding Forms – Price Schedule	Table of Price Schedule (for reference) while submitting online Price Bid	As per your Price Schedule given on page no. 48(Section IV Bidding Forms) –Total price is to be shown without duty and taxes. Col. 11 is addition of Col.8+9+10.Column 12 belongs to duty and taxes whereas there should be one more column (Col.13) and final total price calculation should be based on Col.11+12	There is no change in the requirement.
20	Section – II Bid Data Sheet – ITB 14.8 (b)(i)	Place of Destination: <b>Chennai (India)</b>	As per ITB 14.8(b) of page no. 29 the place of destination is mentioned Chennai but as per ITB 14.8(a) the final destination is as per specified in schedule of requirements (section VII). Please clarify	Please read this para in conjunction with Section I Instructions to Bidders para 14.8 (b) (i) and (ii).  It is to clarify that Place of Destination

				<p>(Chennai, India) is relevant and applicable for Goods manufactured outside India and to be exported by a foreign bidder. The common post of entry of goods in India is required to be mentioned.</p> <p>It is to further clarify that the domestic as well as foreign bidder has to include in their bid price, all the costs associated with Delivery up to Final Destination as specified in Schedule of Requirement.</p>
21	<p>Section VIII – General Conditions of Contract – GCC Para 16.5 and Section IX – Special Conditions of Contract</p>	<p>GCC 16.5: In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award</p> <p>SCC of GCC 16.5: The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 90 days.</p> <p>The interest rate that shall be applied is 4% per annum for payments in Indian currency. For foreign currency per annum interest rate will be LIBOR three month rate for specific currency as prevailing on date of NOA.</p>	--	<p>The Clause 16.5 stands deleted</p>