

MINUTES OF PRE-BID MEETING

Brief Description of Procurement: Procurement of Walk-in-Cold Room and Diesel Generator (DG) Set-10 KVA

IFB Ref.: SAMSPL/17-18/ET/5 dated 22/6/2017

Date and Time of Pre-Bid Meeting: 10/7/2017 at 15:00 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 Haier Biomedical India, China	Mr. Bob Liu, Product Manager
		Mr. Ben, Haier India Director
2.	M/s Blue Star Ltd. Gurgaon	Mr. Yogesh Sood, Manager - Sales
		Ms. Som Nath Rampal, Manager - Medical Refrigeration Products
3.	M/s Pawar Electronics Pvt. Ltd. New Delhi	Mr. Aakash Mishra
4.	M/s Airtech Cooling Process (Pvt.) Ltd., Faridabad.	Mr. R. K. Choudhary, Manager – Sales
5.	M/s Jaycee Punching Solutions Private Limited, Faridabad	Mr. Pushpendra Tomar, Deputy General Manager
6.	M/s Fuji Technical Srvices Pvt. Ltd., Navi Mumbai	Mr. Sunil Shokeen,
7.	M/s Eicher Engines (Tafe Moters & Tractors Ltd), Faridabad	Mr. Vivek Mahey - Manager - Sales
8.	M/s Newtronic Lifecare Equipment Pvt. Ltd. New Delhi	Mr. Rahul Jadhav, Sr. Marketing Manager
		Mr. Nitin Gupta, Business Development Manager
		Mr. Pranav Parikh,
9.	M/s Koel Green (Jakson & Company), New Delhi	Mr. Vijay P. Bhatti GM - Project/Tendering
10.	M/s Himalaya Generators & Projects Pvt. Ltd. Nodia	Mr. Mayank Agarwal, Sales – Head Power Generation
		Mr. Praveen Sharma
11.	M/s Kirloskar Oil Engines Ltd. New Delhi	Mr. Atul Singh Kunwar Regional Manager - North
12.	M/s Climate Corporation	Mr. S. Nilekant Singh
13.	M/s IC Ice Make Refrigeration Pvt. Ltd. Gandhinagar	Mr. Yogesh Sangwan Asst. Manager Sales
		Mr. Kalpesh Gajjar, Sales Engineer
14.	M/s RINAC India Ltd. New Delhi	Mr. Kumar Sachin, Dy. General Manager (M & S)
		Mr. Kumar Vijay Singh Dy. General Manager (Business Development)

	Mr. Sarthak Mishra
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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.	Mr. Arpit Saxena, Manager (Procurement and SCM)
5	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 Documents for
Procurement of Walk-in-Cold Room and Diesel Generator (DG) Set-10 KVA
(IFB No. SAMSPL/17-18/ET/5)**

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:

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
1	ITB Para 20.1 & 21.1	<p>The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the bid, in the number specified in the BDS and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.</p> <p>The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall then be enclosed in one single envelope</p>	Please clarify whether physical documents are required to submit or only Bid Security is to be sent physically as per schedule	It is to clarify that no physical documents are required to be submitted. Only Original Bid Security is to be submitted as per schedule given in Page No. 3 of the Bid Document.
2	ITB Para 20.2	The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the BDS and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or	Please confirm Authority Letter duly signed by the Director of the company authorizing any employee of the company to sign, submit and to deal this tender will be valid	The authority letter signed by the Director of the Company is acceptable, provided the Director has been delegated the authority (by the Board of Directors) to sub-delegate authority on behalf of the company.

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		initialed by the person signing the bid		
3	SCC of GCC Clause 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 to the Supplier shall be as follows:</p> <p>(a)On Delivery: 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)On Successful, Installation, Commissioning and Testing of equipment: 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</p>	<p>Suggest to change as under:</p> <p>(a)On Delivery: Eighty (80) percent of the Contract Price of the Goods delivered to the consignee shall be paid within Thirty (30) days of submission of documents specified in SCC Clause 13 above and Consignee Receipt Certificate</p> <p>(b)On Successful, Installation, Commissioning and Testing of equipment: Twenty (20) percent of the Contract Price of Goods received shall be paid within Thirty (30) days of receipt of one original and three copies of commercial Invoice along with Final Acceptance Certificate issued by the consignee. Payment should be released consignee wise instead of total contract value</p>	<p>There is no change in the payment terms as given in Bid Documents</p>

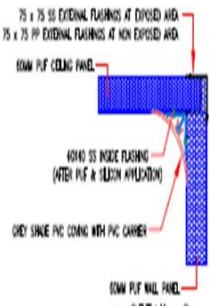
S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		<p>the supplier on CIP basis, the payment made by supplier towards duties and taxes as applicable at the time of import of the goods to Purchaser's country shall be reimbursed to supplier within 60 (sixty) days upon submission of claim for reimbursement along with all supporting documents viz. import duty and tax notifications issued by appropriate authority and proof of payment.</p>		
4	Section IV Bidding Forms – Price Schedule Page No. 48	Price schedule	Price Schedule for Domestic Goods is not provided. Request to provide the same with revised format considering GST implementation. Category wise schedule to be provided for Walk-in-Cooler	The Price Schedule provided under Section IV Bidding Forms is to be used by domestic goods / bidders as well and included in this section for reference only. The break-up of Price Bid, including applicable GST on the finished Goods should be filled online as per format given in the Last Column of Price Schedule.
5	Section IV Bidding Forms – Proforma for Performance Statement (for a period of last five years)	<p>The Bidder shall also furnish the following documents in connection with their past performance:</p> <p>a. For supplies made to public sector units in India, an Affidavit confirming that the performance statement given is correct.</p> <p>b. However in case of supplies to private sector units, an affidavit confirming that the performance statement is correct along with following supporting evidence.</p> <p>i. Copy of</p>	<p>Request to change as under:</p> <p>a. For supplies made to public sector units in India, an Affidavit confirming that the performance statement or payment order given is correct.</p> <p>b. However in case of supplies to private sector units, an affidavit confirming that the performance statement is correct along with following supporting evidence.</p> <p>i. Copy of Purchase Orders</p>	<p>There is no change in the requirements given in the Bid Documents.</p> <p>It is to clarify that the documents mentioned under sub-para b. are suggestive. The purpose of seeking these documents is to verify the past performance. In case some of the documents are not submitted, it may be waived, provided the documents already submitted are able to substantiate in sufficient detail, suppliers' satisfactory past performance.</p>

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
		Purchase Orders ii. Copy of Invoices iii. Proof of Payment received from Purchasers iv. Documentary evidence (Client's certificate) in support of satisfactory completion of contract	ii. Documentary evidence (Client's certificate) in support of satisfactory completion of contract	
6	Section VIII – General Conditions of Contract – GCC Para 16.5 and Section IX – Special Conditions of Contract	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 SCC of GCC 16.5: The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 90 days. 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.	--	The Clause 16.5 stands deleted
7	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. A. 7	Refrigeration System: <u>Refrigerant : R 22 A</u>	As per Ozone Cell, Ministry of Environment & Forests Government of India, HCFCs are not only ozone depleting substances but also are potent Greenhouse Gases (GHGs). Govt is working on to phase out the use of R 22. There is a deadline	The requirement is being amended as under: Refrigerant: R 410a or R 134a.

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
			released by govt. on usage of this particular refrigerant. There are alternate refrigerants available. We recommend the use of R 404a or R 134 a refrigerant.	
8			Considering CFC Free refrigerant phased out in India, suggest to change "CFC Free" Refrigerant	
9			We suggest instead of R22a you will go with environment friendly R134A	
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.2	Cold Room Size and Construction <u>Cold Room Temperature:</u> 2° C to 8° C	We suggest to add uniformity inside chamber +/- 1 deg.C and accuracy +/- 0.5 deg.C, as this is highly precision climatic control product.	There is no change in the requirement.
11	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.5	Cold Room Size and Construction: <u>Panel Surface Material:</u> Minimum 80mm, PUF Panel with both sides PPGI of 0.7mm thickness	Considering standard thickness used in cold rooms, it should be "Minimum 80mm PUF Panel with both sides, PPGI of 0.5mm thickness"	The requirement is being amended as under: <u>Panel Surface Material:</u> Minimum 80mm, PUF Panel with both sides PPGI of 0.5mm thickness.
12			The sheet thickness mentioned is 0.7 MM is very specific & nonstandard. Same varies from manufacturer to manufacturer. As per market, standard lamination sheet thickness is 0.5 MM. Suggest you to pls mention the range from 0.5 MM to 0.8MM.	
13			We recommend PPGI thickness for 0.5mm instead of 0.7mm	
14	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.6	Cold Room Size and Construction: <u>Floor Insulation:</u> Minimum 80mm PUF panel with outer side 0.7mm PPGI & Inner side marine Ply of 9mm thickness & Aluminum Chequered plate of 2mm	Considering standard thickness used in cold rooms it should be "Minimum 80mm PUF panel with outer side 0.5mm PPGI & Inner side marine Ply of 9mm thickness & Aluminum Chequered plate of 2mm	The requirement is being amended as under: <u>Floor Insulation:</u> Minimum 80mm PUF panel with outer side 0.5mm PPGI & Inner side marine Ply of 9mm thickness & Aluminum Chequered plate of 2mm
15	Section VII – Schedule of	Cold Room Size and Construction:	Considering standard Size of Door opening	It is to clarify that the specifications given are

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
16	Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.7	<u>Manual Swing Door:</u> Flush type Swing Door with Heavy duty Hinges & Handle with Closer for Push type Gasket for easy operation for Long life. With esthetic look. Without heater, thermally sealed doors, with internal safety release. With lock & key. Easy opening & closing of the door. PVC flush type door with reputed accessories. Door to be lockable with 100% fail safe provision for opening from inside. Door shall have an incandescent vapor proof light mounted on the interior of the door section. Opening Size: 3’x 6’ . 1 No. (as per requirement of particular site)	used in cold rooms suggest to change as “Opening Size: 34” x 78” 1. Also as discussed there might be chances of less area for opening the door. 2. We suggest to differentiate and define mode of opening of door either by right or left side opening.	minimum requirements. The mode of opening of door size may be as per site requirement.
17	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.8	<u>Extra Accessories:</u> LED Light (2 Nos.) with door switch with bulb & bulk heads & appropriate accessories (like sealant, & related).	We suggest you keep lighting inside chamber as LED light instead of fluorescent	The lighting requirement mentioned is already LED.
18	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.9	Pressure Relief port: Pressure relief port without heater to balance the pressure within the room & the surrounding to eliminate the deformation of the room due to pressure difference	We suggest keep it as optional	There is no change in the requirement.
19	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.13	Cold Room Size and Construction: Data Logger & Display: <ul style="list-style-type: none"> • Display: LED • Output Module: Relay alarm output (Max. 8 output), RS-485, RS-232 and USB Port (CFR 21) • Record time: Flexible setting interval time: 1s, 	Considering the standard product available in market the display of the data logger suggest to change as LCD 1 We suggest you keep any one protocol mandatory for RS485, RS232, USB Port, instead of all 2 Record interval time for data logging will suggest you to minimum of 5 min. Due to huge memory requirement. Flash	The specifications for the display is amended as under: <ul style="list-style-type: none"> • Display: LED/LCD There is no other change in requirement for Data Logger & Display.
20				

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments																																
		<p>2s, 3s, 4s.3600s</p> <ul style="list-style-type: none"> Power-off Protection Time O/P: The setting parameters and history data can be kept by FLASH MEMORY, Memorized forever if power off Hardware clock built in for still accuracy running Calibration certificate of Data logger at the time of supply (Every 6 month) 	<p>memory will not support such system</p> <p>3 Our Prime Minister Mr. Modi Sir promoting digital India. We recommend you to add 21 CFR compliance cloud base software as mandatory. It will help to connect all site digitally and monitoring from across any part of India. 21 CFR is mandatory and compliance for all drugs and pharmaceutical storage. It will give tempered proof data. We suggest you to add computer and Ethernet base system to monitor all sites in specification or keep provision from your end.</p>																																	
21	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.4	<p>Cold Room Size and Construction:</p> <p><u>Panel Thickness:</u> Minimum 80mm. PUF (Poly Urethane Foam), Density $40 \pm 2 \text{ kg / m}^3$ & PUF blowing agent-141B (CFC free)</p>	<p>Blowing agent R 141B have ozone depleting potential (ODP) & Global warming potential (GWP). Govt. have given subsidy to cover the blowing agent & move to cyclopentane PUF panel. The comparison is as below:</p> <p>Cyclopentane vs Conventional HCFC-141b:</p> <table border="1"> <thead> <tr> <th>S.N</th> <th>Particulars</th> <th>HCFC 141b</th> <th>Cyclopentane</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Density (kg/m³)</td> <td>35-37</td> <td>31-40</td> </tr> <tr> <td>2</td> <td>Compressive Strength (kg/cm²)</td> <td>1.5-1.8</td> <td>1.6-1.9</td> </tr> <tr> <td>3</td> <td>Closed Cell Content (%)</td> <td>> 90</td> <td>> 90</td> </tr> <tr> <td>4</td> <td>k-value (w/m °C)</td> <td>0.0195</td> <td>0.022</td> </tr> <tr> <td>5</td> <td>GWP (Global-warming potential)</td> <td>630</td> <td>11</td> </tr> <tr> <td>6</td> <td>ODP (Ozone-Depletion Potential)</td> <td>0.1</td> <td>0</td> </tr> <tr> <td>7</td> <td>Fire retardant property</td> <td>Self-extinguishing</td> <td>Self-extinguishing</td> </tr> </tbody> </table>	S.N	Particulars	HCFC 141b	Cyclopentane	1	Density (kg/m ³)	35-37	31-40	2	Compressive Strength (kg/cm ²)	1.5-1.8	1.6-1.9	3	Closed Cell Content (%)	> 90	> 90	4	k-value (w/m °C)	0.0195	0.022	5	GWP (Global-warming potential)	630	11	6	ODP (Ozone-Depletion Potential)	0.1	0	7	Fire retardant property	Self-extinguishing	Self-extinguishing	<p>The Para is being amended as under:</p> <p>Panel Thickness: Minimum 80mm. PUF (Poly Urethane Foam), Density $40 \pm 2 \text{ kg / m}^3$ & CFC Free PUF blowing agent.</p>
S.N	Particulars	HCFC 141b	Cyclopentane																																	
1	Density (kg/m ³)	35-37	31-40																																	
2	Compressive Strength (kg/cm ²)	1.5-1.8	1.6-1.9																																	
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7	Fire retardant property	Self-extinguishing	Self-extinguishing																																	
22	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.3	<p>Cold Room Size and Construction:</p> <p><u>Panel Construction:</u> Prefabricated sandwich panels with cam toggle-type fastener fitted & self-locking PVC gaskets fitted on all sides of Wall, Ceiling, and Floor Panels. L Shaped separate corner fitted with cam toggle-type fastener. All panels fit together by cam</p>	<p>Wall - ceiling/floor cam lock is a precise joint & goes fine with leveled floor at site. Generally at Indian remote location sites, The floor level available are un-leveled due to many reasons and CAM lock remains open. This lead to gap between wall & ceiling & leakages within cold room. We suggest to have a strong joint &</p>	<p>The requirement is being amended as under:</p> <p>Panel Construction: Prefabricated sandwich panels with cam toggle-type fastener fitted & self-locking PVC gaskets fitted on all sides of Wall, Ceiling, and Floor Panels. L Shaped separate corner fitted with cam toggle-type fastener. All panels fit</p>																																

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		toggle-type fastener. Panel with Ribs on both side panel surface materials to increase the strength. Wall, ceiling & floor all get together by the mentioned arrangements. Wall panel having Only Cam Toggle-Type fastener fitting, No Flashings and Riveting on Panel	flashing/ riveting with coved corners to cover the flashing/rivets. 	together by cam toggle-type fastener. Panel with Ribs on both side panel surface materials to increase the strength. Wall, ceiling & floor all get together by the mentioned arrangements. Wall panel having Only Cam Toggle-Type fastener fitting.
23			At site, due to on zero level flooring availability placement and assembly of cooling system sticks. We suggest you to provide zero level flooring placement or you may consider it for additional budget.	
24	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B.3	Cold Room Size and Construction: <u>Panel Construction:</u> Prefabricated sandwich panels with cam toggle-type fastener fitted & self-locking PVC gaskets fitted on all sides of Wall, Ceiling, and Floor Panels. L Shaped separate corner fitted with cam toggle-type fastener. All panels fit together by cam toggle-type fastener. Panel with Ribs on both side panel surface materials to increase the strength. Wall, ceiling & floor all get together by the mentioned arrangements. Wall panel having Only Cam Toggle-Type fastener fitting, No Flashings and Riveting on Panel	Like any other gasket when operated under variations of temperature, this gasket also expand /contract and gets break over a period of time & leave behind the gap between PUF panel to PUF panel. Suggest to have normal panels with Silicon sealant filled.	There is no further change in the requirement, except in the para above.
25			We suggest keep in optional for need of gasket fitment required on all sides of wall and ribs for all panels. Add provision for flushing and reverting on panel.	
26	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B	Cold Room Size and Construction	For construction of Cold Room, we suggest you to provide us CAD file of all sites locations to identify and design our product as per site specifications.	The CAD files can't be provided. Bidders are required to consider the details given in Technical Specifications. In addition, if required, site visit may be conducted by bidders.

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
27	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. B	Cold Room Size and Construction	We suggest you to consider and add central ducting provision for more space storage and uniform air circulation inside chamber	There is no change in the requirement.
28	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. A.8	Refrigeration System: <u>Defrosting Method:</u> Air Defrost / Electric Heater	Evaporator/Indoor Unit - SS 304: Since evaporator inside the cold room operates under high RH conditions most of the time & always carries are drain water in tray, We recommend the use of SS 304 casing evaporator/indoor unit inside the cold room. Otherwise the chances of corrosion may come if material of construction is given no importance.	There is no change in the requirement.
29	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. A.4	Refrigeration System: <u>Condenser:</u> Aluminum Fin & Copper Tube Type	We suggest at point no. 4 condenser: Keep it aluminum fin & copper tube type construction instead of SS. It will give better cooling performance	There is no change in the requirement.
30	Section VII – Schedule of Requirements – Technical Specifications – Schedule-1: Walk-in-Cold Room: Sr. No. A.9	Power Supply: 440 V, 50 Hz, 3 Phase	We suggest you add 230V, single phase	There is no change in the requirement.
31	Section VII – Schedule of Requirements – List of Related Services – Para e) (i) (for Schedule-1: Walk-in-Cold Room)	<u>Repair and troubleshooting:</u> The supplier should give commitment to troubleshoot and address breakdowns within 48 hours in major cities and within 72-96 hours in non-metro locations. Failure to meet these requirements would make the manufacturer liable to penalty as per GCC Clause 12.2.	For service issue, we recommend to add 6 days for resolving site issue for non-metro site	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
32	Section VII – Schedule of Requirements – Technical Specifications – Schedule-2: Diesel Generator (DG) Set – 10 KVA: Sr. No. A	Description of Function and Use: The DG Set shall be used to provide power back-up to Walk-in-Cold Room. It should be automatically switched ON as soon as there is grid power failure and switched OFF as soon as the grid power is returned back. The capacity of the DG set should be 10 KVA. Scope of supply shall include supply, Installation, commissioning and testing of the complete DG set at the consignee locations including minor civil works.	Amendment required: Installation scope required with minimum qty in terms of PCC foundation/ four earthing/cable in meters	It is to clarify that the installation and commissioning of DG set shall include constructing min. 6 inch evaluated platform, suitable earthing, cabling from main panel to DG Set approx. 10 Meter (actual length of cable may vary as per site requirement)
33	Section VII – Schedule of Requirements – Technical Specifications – Schedule-2: Diesel Generator (DG) Set – 10 KVA: Sr. No. B.1 (a)	The Alternator shall be self-excited and self-regulated of specified KVA rating in single phase at 240 Volt, 50 Hz, 1500 RPM and 0.8 power factor (PF) and shall conform to IS:13364 (Part 1):1992 (reaffirmed 2003) . The alternators shall be of brush less type with VG-1 Grade or better grade of voltage regulation.	As discussed Three Phase DG required/415 Volt	The requirement is being amended as under: The Alternator shall be self-excited and self-regulated of specified KVA rating in three phase at 440 Volt , 50 Hz, 1500 RPM and 0.8 power factor (PF) and shall conform to IS:13364 (Part 1):1992 (reaffirmed 2003) . The alternators shall be of brush less type with VG-1 Grade or better grade of voltage regulation
34	Section VII – Schedule of Requirements – Technical Specifications – Schedule-2: Diesel Generator (DG) Set – 10 KVA: Sr. No. B.2 (b)	Naturally aspirated engine shall be ISI MARKED as per IS: 10001/1981 (reaffirmed 2006).	BIS engine mandatory/ according to government notification & IS:10001/1981	There is no change in the requirement.
35	Section VII – Schedule of Requirements – Technical Specifications – Schedule-2: Diesel	The Diesel Engine shall be complete with the following accessories: Fuel tank with capacity for 12 hours continuous running at full load.	8 to 10 hrs	The para is being amended as under: Fuel tank with capacity for minimum 8 hours continuous running

S. N.	Para / Clause reference in the Bid Document	Content of Para / Clause under Reference as per Bid Document	Query/Suggestions	Response / Amendments
	Generator (DG) Set – 10 KVA: Sr. No. B.2 (d) 1.			at full load
36	Section VII – Schedule of Requirements – Technical Specifications – Schedule-2: Diesel Generator (DG) Set – 10 KVA: Sr. No. I	Warranty: The supplier will provide 6 years warranty that will include comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs	10000 hrs or six years, whichever is earlier.	There is no change in the requirement