ANNEXURE-I

HLL/PCD/IMMU-14/2019-20 Date: 29/06/2019

Minutes of Pre-bid Meeting (Pre-Bid date: 09.07.2019)

Points	Representaion made by	Tender Details	Tender Queries	HLL Comments
1	Haier Medicals	Under: Closing date & time for submission of tender processing fee in physical form	Can we pay from India Co. subsidiary or not? Processing Fee	PSA clarified that the bidders shall submit the required Tender Processing Fee (in form of Demand Draft or Banker's Cheque) in favour of "HLL Lifecare Limited, New Delhi".
2	Haier Medicals	**Point xvi)** Self-attested copies of annual report, audited balance sheet and P&L A/c for preceding three years from the date of tender opening	We have 3 years B/L Sheet & other docs, but what do we need to provide for change of Name of Co. as our Co. name has changed.	PSA clarified that along with the balance sheets and Profit & Loss Statement vendor should submit all necessary documentary proof for name change, legal douments, if applicable. ***All documents in foreign language should be duly translated in English and duly notarized in the country of origin, along with the tender.***
3	Haier Medicals	**Under Point 22.1 N** Original proforma invoice	For tender submission ,we have to provide proforma invoice with the tender or Blank?	PSA clarified that Original proforma invoice (unpriced) with all detail (like currency, country of origin, make, model etc.) should be submitted along with Techno Commercial Bid. Priced Proforma Invoice should be submitted along with Price Bid.
4	Haier Medicals	**Under Point 22.1 F** Manufacturer's Authorization	Is it only for Indian Manufactures or for Haier also? We give blank Performa Invoice from Haier HK or Haoer Qingdao	PSA clarified that Manufacturers directly bidding for the Tender does not need to submit Manufacturer's Authorization Form (MAF) as per Section XIV. In case of 100% subsidiary companies incorporated in India, original proforma invoices from the foreign principal should be submitted. 100% Subsidiary company of the foreign Original Equipment Manufacturer in India, the bidder must submit the Power of Attorney given to the subsidiary company by the foreign Original Equipment Manufacturer, authorizing it to do business and perform all obligations for and on behalf of the foreign manufacturer company, in India
5	Haier Medicals	**Under Point 22.1 F** Manufacturer's Authorization	For billing & dispatch can we use names for different companies?	PSA clarified that Bill and dispatch can be either in Principle's name or their agent/ bidder on whom NOA is issued.
6	Haier Medicals	**Point No. 8.5,8.6,8.7 8.8,8.9:** Inspection Certificate for the dispatched equipment issued by recognized/ reputed agency like SGS, Lloyd, BV, TUV or equivalent (acceptable to the purchaser) prior to dispatch.	In last tender no other inspection was done as a Foreigner manufacturer so will HLL do or can we give certificate from SGS certificate?	PSA clarified that Principal/ Foreign supplier shall also have the equipment inspected from country of origin by recognised/ reputed agency, like SGS, Lloyd, Bureau Veritas, TUV or equivalent (acceptable to the purchaser) prior to despatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.
7	Haier Medicals	**Point 10)10.1)** Instructions for transportation of imported goods offered from abroad	From China to India, we have to do partial shipment to consignees.. . . Consignees wise 100% and for Shipment Partial shipment to be allowed.	PSA clarified that Partial shipment is already allowed without deviating from delivery schedule of TE Document & Amendments.
8	Haier Medicals	**Under C)** Incidental Cost	Payment for incidental cost till consignee ie Cost to be beared by Haier.	PSA clarified that Bidders have to quote on Delivery Duty Paid basis up to consignee doorstep.
9	Haier Medicals	Under Part II: **Required Delivery Schedule**	For Delivery minimum 180 days required from L/C, ie 50%- 120 Days & Remaining 50%- 60 Days and this the requirement is of 90 days which Is not possible to deliver in such a short notice period. Please clarify	***Since most of the bidders present during prebid meeting requested for change in delivery schedule as these are customised product to be manufactured upon placement of order and may be accepted. PSA recommends for change in delivery period as proposed by the prospective bidders.***
10	Haier Medicals	**Under Point V** For Imported goods directly from abroad	Are Delivery charges inclusive or not- Just Clarify the point	PSA clarified that Bidders have to quote on Delivery Duty Paid basis up to consignee doorstep.
11	Haier Medicals	**Under General Points, Point No 4(b)** The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening	**Will CMC Price be added for L1 criteria or not,** In last tender No CMC Quotation was required, In beginning it was mentioned but then later date this requirement was deleted.	PSA clarified that CMC is not applicable in this tender as per List of Requirement. However The same will be once again clarified in SCC that no CMC price is to be quoted in the tender as the same is not applicable.
12	Haier Medicals	**Under NOTE Point 2** Satisfactory Performance Certificate	Do we need to provide satisfactory certificate this time? Notarized from China or India?	PSA clarified that along with the all documents in foreign language should be duly translated in English and duly notarized in the country of origin, along with the tender.

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13	Haier Medicals	Change of Co. Name Document	Change of Name Document of Haier China. Need to notarize from China or India	PSA clarified that Vendors submitting any legal documents viz Change of Name of a Company, should be notorized from country of origin. However, the language of any printed literature furnished by the Tenderer in connection with its tender should have an English translation. For purposes of interpretation of the tender, the English translation shall prevail.
14	Haier Medicals	Non conviction /no pending conviction certification issued by Notary on judicial stamp paper for preceding three years.	Do we need India or China for this?	
15	Haier Medicals	PRE-CONTRACT INTEGRITY PACT	Do we need to submit PRE-CONTRACT INTEGRITY PACT or not as we are foreing manufacturers	PSA clarified that Pre Contract Integrity Pact is mandatory part of TED and need to be submitted by all bidders.
16	Vestfrost Solutions	GCC Clause 13.(iii) - Incidental Services		PSA clarified that Training of Consignee staff operator is to be provided as per the attached consignee List at Section XIX.
17	Pawar Electro Systems	Clause GCC 35.5(iii)`	The MSEs fulfilling the prescribed eligibility criteria and participating in the tender shall enclose with their tender a copy of their valid registration certificate with District Industries Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or any other body specified by Ministry of Micro and Small enterprises in support of their being an MSE, failing which their tender will be liable to be ignored	PSA clarified that Bidders claiming exemption in EMD shall declare the Udyog Aadhar Memorandum Number issued to it under the MSMED Act, 2006. If an MSME bidder do not furnish the UAM Number along with bid documents, such MSME units will not be eligible for the benefits available under Public Procurement Policy for MSEs Order 2012. a. The MSE's Bidder to note and ensure that nature of services and goods/items manufactured mentioned in MSE's certificate matches with the nature of the services and goods /items to be supplied as per Tender. b. Traders/resellers/distributors/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines issued by MoMSME
18	Pawar Electro Systems	GIT 19.2	The Tenderer who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the Tenderer falls in these categories, it should furnish copy of its valid registration details (with MSME, DGS&D or NSIC, as the case may be). a. The MSE's Bidder to note and ensure that nature of services and goods/items manufactured mentioned in MSE's certificate matches with the nature of the services and goods /items to be supplied as per Tender. b. Traders/resellers/distributors/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines issued by MoMSME.	
19	Vestfrost Solutions/Godrej & Boyce	Delivery Period	During Pre-Bid meeting, vendors expressed difficulty to fulfill given contract in 90 days delivery period.	Based on the request following delivery schedule is proposed a) 50% of tendered quantity should be supplied withhin 120 days of placement of NOA/Opening of LC. b) Remaining quantity should be supplied within next 60 days. NOTE: Total delivery (100% of ordered quantity) should be completed within 180 days from issuance of NOA/Opening of LC. Submitted for approval of the competent authority.

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20	Vestfrost Solutions	GCC Clause 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods	During Pre-Bid meeting, vendors submitted that carrying out preventive maintenance visit in every 6 months during warranty period is difficult and attracts additional costing to Public Exchequer. Vendors also submitted that since the equipment tendered is of plug and play type preventive maintenance may not be necessary, in lieu breakdown calls may be attended as and when required and rectification will be done within stipulated period as per tender terms.	After detailed discussion and deliberationthe experts who attended the pre bid meeting submitted that during Warranty period, the supplier is required to visit at each consignee's site at least once in 12 months commencing from the date of the installation. All other terms and conditions of the warranty like breakdown call/uptime warranty will remain unchanged.
21		Regarding WHO PQS		
22	Pawar Electro Systems	Should meet WHO-PQS Standard (WHO/PQS/E03/RF03.1.for Ice Lined Refrigerators).	•To the best of our knowledge, there is no national laboratory in india (like NABL, STQC) which has the capability to carry out the testing required for PQS. However, we would be happy to be proven incorrect should you be able to provide us with references where the WHO-PQS testing can be availed of , by us. •Thus the PQS specification is inherently against national laboratories and indigenous manufacturer, like MSMEs like ours. This is because indigenous MSMEs like ours have to obtain PQS from private laboratories at prohibitive costs, thus depriving natonal laboratories fom profiting as well as placing unnecessary burdens on indigenous manufacturer like ours. •Such exclusionary and prohibitive tender conditions are also against various government of India initiatives like Make In India	Experts representing Immunisation programme division,MoHFW pointed out that the same standards was a part of tender specification in tender floated for cold chain equipment during 2015. During 2015 also the testing agency carrying out test as per WHO PQS standards in India was clarified. Prospective bidders should have already undertaken the tests confirming to the WHO PQS test protocols. Moreover the progarmme division already taken up the matter with BIS so as to evolve the standards of ILR and Deep Freezer which may take some more time and can be incorporated in future tenders. It was once again clarified that all bidders should get their products certified from an accredited lab who can certify WHO PQS test parameters. As the critical vaccines are to be kept in a temparature of 2 to 8 degree centigrade, quality certification is very critical as low quality product may impact the credibility of Immunisation Programme and peoples life will be at risk. No Make in India rules are violated and no restrictive commercial clauses has been incorporated in the tender. In make in India order also there is no condition for dilution of technical parameters.
23	Rockwell Inds Ltd		3) The tender was floated on 29th Jun and closing date is 30th Jul. This gives any tenderer about 1 months time to complete all formalities. Testing required for these machines takes more than 3 months. There are no chest type ILR manufacturers in the country that have the test certificates as per the WHO test standards and who approved lab. This point seems discriminatory in nature and discriminates against companies who are more than capable but have not been provided enough time to develop the products mentioned in the tender. And discriminates against companies that do not have the coolers and freezers tested already. 4) Last time we had participated in the tender and were disqualified on grounds that the test certificate we submitted was not from a WHO approved lab. There is only 1 lab in the country that is WHO approved. However the tender point is as under : Test and inspection as per WHO-PQS procedure reference HO/PQS/E03/RF03-VP.1 Testing should be carried out from WHO certified lab/NABL/STQC Labs. Certificate of testing should be currently valid till the supply and same must be verified by inspecting authority. This is confusing. Please reconfirm that any NABL/STQC accredited labs are also authorised to conduct this testing. This point seems restrictive in nature in the tender since it restricts the prospective supplier from having the coolers and freezers from any other labs.	

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			5) We would like to draw your attention to the GO issued by the CENTRAL VIGILANCE COMMISSION (Preference to Make in India) Public Procurement Order 2017 (PPP-MII order) dated 15-06-2017. This order was designed to promote domestic production of goods and services. As per this order, Restrictive and Discriminatory clauses cannot be included in procurement by central government agencies against domestic suppliers. In order to implement the PPP-MII order in letter and spirit , the commission has directed all the Chief Vigilance Officers to exercise oversight on all contracts over an amount of 5 crores so as to ensure that restrictive and discriminatory clauses against domestic suppliers are not included in tender documents for procurement of goods and services and that the tender conditions are in sync with the PPP-MII order, 2017 in their respective departments/organisations.	
24	B Medical Systems		Should be modified to "should be qualified as PQS approved under WHO PQS standard (WHO/PQS/E03/RD03.1 for Ice Lined Refrigerators).	No Change suggested.
25	Rockwell Inds Ltd	Temperature of a full vaccines to remain +2 °C to +8 °C during continuous availability of energy at ambient temperature as per WHO PQS Standard (WHO/PQS/E03/RF03.1 For Ice lined refrigerators) with intermittent/ continuous electricity supply 8 hrs in a 24 hrs cycle. The temperature difference between any two points in the cabinet should not be more than +2 °C once stabilized.	•This point does not reflect in the WHO test standard WHO/PQS/E03/RF03.1 and seems to be an adhoc addition serving no real purpose restricting qualification of only patented technologies. •This point seems to be applicable when a certain patented cooling technology is used for maintaining the vaccine cabinet temperature. •We are afraid that this point would not be achievable with conventional ILR technology and would not be achievable without the patented technology and across the globe this technology is in the hands of only one specific company. •Kindly let us know if this tender has been floated to procure ILR machines made using this patented technology only.	Technical Experts from MoHFW clarified that the temparature gradient between two points of the ILR has to be within +2 °C once stabilised. No deviation is allowed in this point. The same is also mentioned in WHO PQS standard.
26	B Medical Systems		PQS standards only mandates that storage compartment must be designed so that no part is outside the acceptable temperature (+2 °C to +8 °C). The standards do not define a criteria related to the maximum temperature difference between any two points in the cabinet and there are no industry accepted norms for measuring and certifying this ability to maintain the deviation below +2 °C.	As Suggesed in Point 25 Above.
27	AOV International		M/s AOV International pointed out that the published specification of Deep freezers The WHO/UNICEF Standard WHO/PQS/E03/FZ03.1. is mentioned wrongly. And that led to delay in accquiring certification from WHO certified lab/NABL//STQC Labs and hence requested for an extension of tender submission dates.	Technical Experts from MoHFW agreed that there has been a typographical error in the tender specification and the same shall be corrected in amendments.
28	Shri KK Marwaha		DIPP Office memorandum reference is only mentioned. To elaborate the provisions.	The notifications of DIPP is enclosed at Appendix A of the TED. The Latest DIPP Provisions will be further elaborated in the amendments.

Meeting minutes of Technical Specifications Committee held on 23/07/2019

Ice Line Refrigerator- ILR (Large and Small)

Tender Page No. & Para	TENDER SPECIFICATION	NAME OF THE BIDDER	RESPRESENTATION RECEIVED FROM THE BIDDERS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Para 2 Page 57	**Operational Requirements:**				
Para 2.6 page 57	Should have legs in the base with rotating screw type height adjustments to balance the weight on uneven floor.	B Medical Systems	There are no mandates around the design specifications related to the ground clearance of the product in the PQS specification. Can the Purchaser please provide reasons to justify the inclusion for the same?	**Agreed, may be read as "the unit should have ground clearance of minimum 70mm"**	The requirement of ground clearance need to be maintained to have uniformity in all the CCEs (ILRs & DFs) used under UIP and also in terms of following:- 1. Providing sufficient space allowing cleaning process at bottom side during preventive maintenance, 2.Levelling of the equipment for smooth operation (i.e.ease in draining condensate/water & prohibiting accumulation of water at either side) 3.Avoiding rusting at bottom portion enhancing life of equipment (As,if equipment bottom portion directely in contact with ground,corrosion may take place,which may result damaging of body of equipment,leading its premature failure), 4.For proper drain processing (especially when drain is underneath of bottom side), 5.Ease in checking/testing & undertaking repairs (i.e.removal/dismantling of compressor from mounting)
Para 2.7 Page 57	The unit should have ground clearance of minimum 100 mm.	Haier Group I Haier Biomedical	Can we give 70 MM with roller base or only 100 MM ground clearance required?		
		B Medical Systems	What is the need for this ground clearance?		
Para 3 Page 57	**Technical Specifications:**				
Para 3.2.1 Page 63	Internal: Stainless 304 grade steel/Corrosion Resistant Polymer.	Haier Group I Haier Biomedical	As per WHO guideline, SS (Stainless Steel) Interior is not mandatory, please confirm and clarify.	**No Change**	In addition to the Stainless steel, the specifications also allows corrosion resistant polymer. The requirement is kept keeping in veiw that stainless steel & corrosion resistant polymer have quality of high resistance against corrosion and oxydation.
Para 3.2 Page 57	Freeze protection: Grade A, user independent freeze protection.	Rockwell Inds Ltd	More details of this device such as make, model , supplier details, cost, where it needs to be installed in the ILR, dimensions, whether its AC operated or DC , etc would be needed to effectively integrate into the ILR's.	**No Change**	Freeze protection Grade A technology has a user-independent freeze protection (UIFP) operational feature, which ensures that vaccines are not being exposed to freezing temperatures.
Para 3.6 Page 57	Should have horizontal water cool pack covering the top of the basket in the chest type equipment. In case of Front opening equipment appropriate provision to reduce cooling loss at the time of the door opening.	Pawar Electro Systems	Horizontal model is better than vertical model. •To the best of my knowledge, front opening equipments are essentially vertical equipments and not horizontal equpiments. Horizontal equpiments are prederred in our industry as they are better than vertical ones in terms of temperature maintenance. Moreover, only one company even has the technology of providing vertical "front opening equipments" •I would request you to clarify as to why such a category of equipment is allowed to be supplied by this tender documents at all, which is otherwise considered to be technically faulty in the industry.	**Ammended as "Horizontal water cool pack covering the top of the basket in the chest type equipment is <u>desirable.</u> In case of Front opening equipment appropriate provision to reduce cooling loss at the time of the door opening."**	There are vertical models which are WHO-PQS certified & tested in the field. Moreover any model (whether horizontal/vertical) will be technically qualified subject to the condition of meeting desired specifications & fulfilling the operational requirements as per technical specifications.
		B Medical Systems	As long as the ILR can maintain the temperature in the range of+2 °C to +8 °C, a horizontal water cool pack is not required. A large number of the PQS certified models existing in the market does not rely on horizontal water cool pack for maintaining aforementioned temperature range. Neither is it a requirement mandated with PQS.		It is made desirable as some models may have water cool pack and some models may not have it, depending on their designs as per WHO PQS standards.
		Haier Group I Haier Biomedical	Our A grade does not have water cool pack, this requirement particularly for ILR is not A Grade Type. As per **WHO-PQS Requirements this pad is not allowed. Please ammend**		
Para 3.8 page 57	Type: Compression Cycled, CFC-Free (both for refrigeration and insulation). All system tubing (suction tube, freezer tube and condensing tube) should be of minimum 99.97% of pure copper coil.	B Medical Systems	Having 99.97% of pure copper coil has no impact on the ability to maintain the required temperature range of ILR. This requirement is neither mandated nor mentioned in the PQS specifications. Can the Ministry clarify why does it need 99.97% pure copper coil? What proof does the Ministry need to show that it is indeed 99.97% pure copper?	**Ammended as" Type: Compression Cycled, CFC-Free (both for refrigeration and insulation). All system tubing (suction tube, freezer tube and condensing tube) should be of pure copper coil."**	The requirement mentioned is in consideration of: Tropical climate for the country (As copper offers a high level of corrosion resistance) & ease in repairs (Bending,crimping & especially for brazing purpose,as,easily and reliably soldered with low-temperature fillers and torches and doesn't require welding or brazing, and can make tight seals) . NABL accredited lab report will be accepted for ensuring the material.

Para 3.10 Pg 57	Temperature of a full vaccines to remain +2 °C to +8 °C during continuous availability of energy at ambient temperature as per WHO PQS Standard (WHO/PQS/E03/RF03.1 For Ice lined refrigerators) with intermittent/ continuous electricity supply 8 hrs in a 24 hrs cycle. The temperature difference between any two points in the cabinet should not be more than +2 °C once stabilized.	Rockwell Inds Ltd	•This point does not reflect in the WHO test standard WHO/PQS/E03/RF03.1 and seems to be an adhoc addition serving no real purpose restricting qualification of only patented technologies. •This point seems to be applicable when a certain patented cooling technology is used for maintaining the vaccine cabinet temperature. •We are afraid that this point would not be achievable with conventional ILR technology and would not be achievable without the patented technology and across the globe this technology is in the hands of only one specific company. •Kindly let us know if this tender has been floated to procure ILR machines made using this patented technology only.	**The statement may be read as "Temperature of all stored vaccines to remain between +2 °C to +8 °C during continuous availability of energy at ambient temperature as per WHO PQS Standard (WHO/PQS/E03/RF03.1 For Ice lined refrigerators) with intermittent/ continuous electricity supply 8 hrs in a 24 hrs cycle."**	This is not a patented technology,while it relates to the perfoirmance of the equipment. The requirement mentioned is in consideration of attaining the stabilized condition for the temperature in vaccine compartment,so that the entire vaccine load must remain within the acceptable temperature range.
		B Medical Systems	PQS standards only mandates that storage compartment must be desigped so that no part is outside the acceptable temperature (+2 °C to +8 °C). The standards do not define a criteria related to the maximum temperature difference between any two points in the cabinet and there are no industry accepted norms for measuring and certifying this ability to maintain the deviation below +2 °C.		
Para 3.13 Page 58	A Microprocessor based control unit should be provided for setting of temperature and display following features:	Haier Group I Haier Biomedical	Our Temperature Display and Control Are located on two different places but we are qualified for all features required for this processor. Can we quote?	**May be allowed**	
Para 3.13.3 Page 58	Audio (minimum 65 dBA) and visual alarm against the violation of temperature range (less than +2° and more than +8 °C)	B Medical Systems	The industry standard related to the temperature and display for vaccine refrigerators and freezers is E006/TH06. The PQS specification does not mandate a specific type of integrated electronic thermometer, in spite of the 5 types available. Even in case of Type A2 and Type B2 (devices that include a high and low alarm function), the PQS oaly mentions that devices must include a high breach and low breach visual alarm event indicator and an audible alarm is optional.	**May be read as -Audio (minimum 65 dBA) and visual alarm to indicate deviation of temperature range (less than +2° and more than +8 °C)**	The requirement is for "Temperature Controller" and not related to E006/TH06." It is programmatic requirement so that it is ensured that vaccines are not exposed to temperature excursion.
Para 4 Page 58	**Microprocessor System Configuration**				
Para 4.2 Page 58	Should have provision to set minimum and maximum temperature at 0.1 degree Centigrade to programme the unit for continuous operation.	B Medical Systems	Can the Purchaser please clarify what does this exactly mean? And what is the purpose for this sprecification? Should this provision be available to the end user or only to the technician installing the unit?	**No Change**	This is the Resolution (for °C) feature & requirement is there for precise control of temperature. Change of temperature varies in decimals not in full units as this is the programatic requirement.
Para 5 Page 58	**Accessories, spares and warrantee:**				
Para 5.1 Page 58	The equipment should have minimum warrantee including comprehensive maintenance of sixty months after installation or sixty six months after the supply whichever is later.	B Medical Systems	The Warrantee should always be from installation and not from the date of supply. Hence the condition should be modified to say that the Equipment should have comprehensive minimum guarantee for a minimum period of sixty months after installation. Furthermore, can the Purchaser clarify what is meant by comprehensive maintenance?	**Ammended "The equipment should have minimum warrantee including comprehensive maintenance of sixty six months after the supply."**	The Warrantee term suggestions to be well accepted,while the warantee to be freezed overall for 66 months instead 60 months. Comprehensive Maintainance of equipment is maintenance of equipment as per the schedule including labour cost, complete cost of spares used during breakdown & preventive maintenance excluding any other damage that is physical in nature and cost of consumables.
Para 5.2 Page 58	Vaccine Storage Basket/Tray allowing free circulation of air, having the size to be able to accommodate 4 to 6 of them in the unit and suitable to match the net volume requirement.	B Medical Systems	Use of the Vaccine Storage Basket/Tray allowing free circulation of air is mentioned as a technical specification of ILR and is same across all models (4 to 6 in number). Is there a specific dimension of the basket you are looking for(across each of these categories)?	**Ammended "Minimum 4 vaccine storage Basket/Tray allowing free circulation of air and suitable to match the net volume requirement."**	Number of Baskets to be used for vaccine storage shouldn't affect the net volumetric capacity (to be matched well).

Para 5.3 Page 58	Stem Alcohol thermometer (specifications and standard as per MOHFW approved Annexure-1) - Two piece per unit	B Medical Systems	This is not just an outdated technology , but has also been supplemented with a number of dynamic and reliable temperature measuring capabilities like real time remote temperature monitoring devices.	**No Change**	The requirement specified is a part of daily supervision by handler & in view of having failsafe monitoring mechanism in place.
Para 7 Page 58	**Power Supply:**				
Para 7.2 Page 58	Voltage stabilizer as per the MOHFW approved specifications and standard enclosed as Annexure-2(applicable for external stabilizer).	B Medical Systems	There are globally accepted standards in the form of PQS standards E007 for voltage stabilizers for use for Ice lined refrigerators and Deep Freezers, these are much more stringent and better suited for Indian conditions. Has the Purchaser considered these? What if the product already has an in-built voltage stabilizer? In addition, can you explain why the output capacity of the stabilizer is so high (IKVA)? What are the requirements for an inbuilt integrated voltage stabilizer which offers significant benefits to the user compared to a separate additional stabilizer?	**No Change**	1. PQS too suggests Tap-changing voltage stabilizers for refrigeration equipment & based on same specifications laid down are, in line & conforming to IS tandards (IS: 8448/1989 Affirming to IE rule 2003) 2.The rating is taking into consideration of the inductive load/surge currents/low voltages 3. Inbuilt stablizer is also allowed which follows the specified specifications.
Para 8 Page 58	**Standards and Safety**				
Para 8.1 Page 59	Should meet WHO-PQS Standard (WHO/PQS/E03/RF03.1.for Ice Lined Refrigerators).	Pawar Electro Systems	•To the best of our knowledge, there is no national laboratory in india (like NABL, STQC) which has the capability to carry out the testing required for PQS. However, we would be happy to be proven incorrect should you be able to provide us with references where the WHO-PQS testing can be availed of , by us. •Thus the PQS specification is inherently against national laboratories and indigenous manufacturer, like MSMEs like ours. This is because indigenous MSMEs like ours have to obtain PQS from private laboratories at prohibitive costs, thus depriving natonal laboratories fom profiting as well as placing unnecessary burdens on indigenous manufacturer like ours. •Such exclusionary and prohibitive tender conditions are also against various government of India initiatives like Make In India	**No Change**	Two labs in India are there,which are PQS accredited. 1.Intertek India Private Limited,New Delhi do undertake testing for ILRs/ DFs/Insulated containers/Water packs/Temperature Monitoring devices (Electronic & Thermal) 2.Lisaline Lifescience Technologies PVT. LTD,Thane Maharashtra,do undertake testing for Temperature Monitoring devices (Electronic & Thermal) . There are no Indian Standards available till now for Ice Line Refrigerators and Deep Freezers.
		B Medical Systems	Should be modified to "should be qualified as PQS approved under WHO PQS standard (WHO/PQS/E03/RD03.1 for Ice Lined Refrigerators).	**No Change**	The specifications follow the WHO PQS standard, to ensure best quality of equipment. The specification are broadbased to the extent feasable for encouraging maximum participation & best competition for national and international bidders.
		Rockwell Inds Ltd	3) The tender was floated on 29th Jun and closing date is 30th Jul. This gives any tenderer about 1 months time to complete all formalities.Testing required for these machines takes more than 3 months. There are no chest type ILR manufacturers in the country that have the test certificates as per the WHO test standards and who approved lab. This point seems discriminatory in nature and discriminates against companies who are more than capable but have not been provided enough time to develop the products mentioned in the tender. And discriminates against companies that do not have the coolers and freezers tested already. 4) Last time we had participated in the tender and were disqualified on grounds that the test certificate we submitted was not from a WHO approved lab. There is only 1 lab in the country that is WHO approved. However the tender point is as under : Test and inspection as per WHO-PQS procedure reference HO/PQS/E03/RF03-VP.1 Testing should be carried out from WHO certified lab/NABL/STQC Labs. Certificate of testing should be currently valid till the supply and same must be verified by inspecting authority. This is confusing.Please reconfirm that any NABL/STQC accredited labs are also authorised to conduct this testing. This point seems restrictive in nature in the tender since it restricts the prospective supplier from having the coolers and freezers from any other labs. 5) We would like to draw your attention to the GO issued by the CENTRAL VIGILANCE COMMISSION (P iblic Procurement	**No Change**	This is an administrative issue the request of extending time may be decided by Procurement Support Agent. Moreover, it is learnt that PSA has requested NABL for the list of authorized labs in India. Further the issue of Make in India is commercial in nature hence it may be decided by PSA, in consultation with Procurement Division.

			Order 2017 (PPP-MII order) dated 15-06-2017. This order was designed to promote domestic production of goods and services. As per this order, Restrictive and Discriminatory clauses cannot be included in procurement by central government agencies against domestic suppliers. In order to implement the PPP-MII order in letter and spirit , the commission has directed all the Chief Vigilance Officers to exercise oversight on all contracts over an amount of 5 crores so as to ensure that restrictive and discriminatory clauses against domestic suppliers are not included in tender documents for procurement of goods and services and that the tender conditions are in sync with the PPP-MII order, 2017 in their respective departments/organisations.		
Para 8.2 Page 60	Test and inspection as per WHO-PQS procedure reference WHO/PQS/E03/RF03-VP.1 Testing should be carried out from WHO certified lab/NABL/STQC Labs. Certificate of testing should be currently valid till the supply and same must be verified by inspecting authority.	Pawar Electro Systems	•To the best of our knowledge, there is no national laboratory in india (like NABL, STQC) which has the capability to carry out the testing required for PQS. However, we would be happy to be proven incorrect should you be able to provide us with references where the WHO-PQS testing can be availed of , by us. •Thus the PQS specification is inherently against national laboratories and indigenous manufacturer, like MSMEs like ours. This is because indigenous MSMEs like ours have to obtain PQS from private laboratories at prohibitive costs, thus depriving natonal laboratories fom profiting as well as placing unnecessary burdens on indigenous manufacturer like ours. •Such exclusionary and prohibitive tender conditions are also against various government of India initiatives like Make In India	**No Change**	Please refer to justification at Point 8.1 , Page 60 .
Para 8.3 Page 58	Colour code : WHITE	Haier Group I Haier Biomedical	Do you specially require white or can we use some other color also?	**No Change**	As per guidelines issued from time to time to cold chain handlers for operational consisitency, the colour code has been established to easily identify the equipment that whether it is a Deep freezer or a Vaccine storage refrigrator.
		B Medical Systems	There are no mandates around the colour in the PQS specification. Can the Purchaser please justify the reasons for the inclusion of this clause?	**No Change**	
Para 11 Page 59	**Following messages/Information should be written in appropriate visibility at the Top/Front of the ILR**				
Para 11.11 Page 59	Serial number of the equipn	Haier Group I Haier Biomedical	Serial No. is on the Side of the body, not on the Top	**No Change**	For easy identification of equipment model, make and purchase year from front/ top side..
Para 1.1(Auto	Output 220V +/- 5% for flu	Haier Group I Haier Biomedical	Stabilizer Fluctuation: In last tender fluctuation was 220 volt +- 10%. Please clarify	**Ammended "Output 220V +/- 10% for flutuating AC input voltage"**	It may be agreed.

Meeting minutes of Technical Specifications Committee held on 23/07/2019

Deep Freezer- DF (Large and Small)

Tender Page No. & Para	TENDER SPECIFICATION	NAME OF THE BIDDER	RESPRESENTATION RECEIVED FROM THE BIDDERS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Para 1 Page 62	**Description of Function:**				
Para 1.3) Page 62	Equipment only work as a Deep Freezer to maintain temperature (-) 25°C to (-) 15°C not as a combo.	B Medical Systems	Why is a combo unit automatically disqualified? What if it offers all the features as needed by the Purchaser and in addition has the benefit of a refrigerator as well?	**No change**	This is a programmatic requirement
Para 2 Page 62	**Operational Requirements:**				
Para 2.6) Page 63	Should have legs in the base with rotating screw type height adjustments to balance the weight on uneven floor.	B Medical Systems	There are no mandates around the design specifications related to the ground clearance of the product in the PQS specification. Can the Purchaser please provide reasons for the inclusion of the same?	**No Change**	The requirement mentioned is solely operational
Para 3 Page 65	**Technical Specifications:**				
Para 3.1 Page 65	Gross Volume: 105 to 125 litres.	Blue Star Limited	Please clarify if 140 -150 L gross Volume is accepted against 105 to 125 liters as we have 140 - 147 L gross capacity deep freezer in small size. We would request you to issue necessary amendments in this case.	**Ammended" Gross Volume : 105 to 150 Liters"**	Accepted for present tender
Para 3 Page 63	**Technical Specifications:**				
Para 3 Page 63	Construction:				
Para 3.2.1 Page 63	Internal: Stainless 304 grade steel.	Haier Group I Haier Biomedical	As per WHO guideline, SS (Stainless Steel) Interior is not mandatory, please confirm and clarify.	**Ammended"Internal: Stainless 304 grade steel/Corrosion Resistant Polymer."**	In addition to the Stainless steel, the specifications also allows corrosion resistant polymer. The requirement is kept keeping in veiw that stainless steel & corrosion resistant polymer have quality of high resistance against corrosion and oxydation.
		B Medical Systems	The PQS specification for the vaccine freezer- compression cycle only mandates that the internal and external cabinet, lid and frame should be protected against corrosion. While the technical specification of ILR of the same tender did permit corrosion resistant polymer as internal construction material, restricting the internal material to only stainless steel is not comprehensible.		
Para 3.2.2 Page 64	External: Corrosion Resistance.	Haier Group I Haier Biomedical	As per WHO guideline, SS (Stainless Steel) Interior is not mandatory, please confirm and clarify.	**No change**	

Para 3.3 Page 63	Should have foam pad cover on top of the basket (applicable for chest type).	Haier Group I Haier Biomedica	Can we use water pad as last tender also it was mentioned foam pad/ water pad	**No change**	This is a programmatic requirement (Vaccine Storage at District Vaccine Store) It is in consideration of minimising the cooling loss/avoiding vaccine's direct exposure to ambient temperature (especially under tropical conditions)
		B Medical Systems	As long as the Deep Freezer can maintain the temperature in the specified range, an extra foam pad on top of the basket is not necessary. This is also not mentioned anywhere in the associated PQS document.		
Para 3.6 page 63	Temperature of compartment to be maintained between (-) 25°Cto (-) 15°C continuous availability of energy as recommended by WHO-PQS norms for hot zone.	B Medical Systems	Related to temperature control, PQS only mandates that the vaccine load must remain below -15°C. Can the Ministry please clarify the need for the temperature between (-) 25°C to (-) 15°C?	**No change**	WHO clearly recommends storage of vaccines (i.e. OPV) at -15°C to -25°C
Para 3.10.4 page 63	Min. & Max. Cabinet temperature digital display of last 24 hrs. and breaches during last 24 hrs.	B Medical Systems	As discussed above there are no specifications related to this in the PQS document .	**The clause no. 3.10.4 is deleted**	Agreed
Para 3.10.5 page 63	Temperature manual control with one decimal degree scale.	B Medical Systems		**No change**	This is the Resolution (for °C) feature & requirement is there for precise control of temperature. Change of temperature varies in decimals not in full units as this is the programatic requirement.
Para 5 Page 63	**Accessories, spares and warrantee:**				
Para 5.2 Page 64	Vaccine Storage Basket allowing free circulation of air, having the size to be able to accommodate 4 to 6 of them in the unit and suitable to match the net volume requirement.	B Medical Systems	Use of the Vaccine Storage Basket/Tray allowing free circulation of air is mentioned as a technical specification for DF and is same across all models (4 to 6 in number). Is there a specific dimension of the basket you are looking for (across each of these categories)?	**Ammended "Minimum 4 vaccine storage Basket/Tray allowing free circulation of air and suitable to match the net volume requirement"**	Number of Baskets to be used for vaccine storage shouldn't affect the net volumetric capacity (to be matched well).
Para 8.3 page 64	Colour code : Blue	B Medical Systems	There are no mandates around the colour in the PQS specification. Can the Purchaser please justify the reasons for the inclusion of this clause?	**No Change**	As per guidelines issued from time to time to cold chain handlers for operational consisitency, the colour code has been established to easily identify the equipment that whether it is a Deep freezer or a Vaccine storage refrigrator.