Response To Pre-Bid Queries (Pre-Bid date: 20.12.2022)				
Bid Number: GEM/2022/B/2857209 Dated: 14-12-2022				
Item Name: Blood Gas Analyser				
Sr. No.	**Buyer Specification Document Page and Para**	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRM**	**COMMITTEE RECOMMENDATION**
1	Pg 1 Para 2	Essential Measured parameters; pH, pCO2, pO2, SaO2, co-oximetry (optional), tHb, Lactate, Glucose, Na+, K+, Ca++, Cl-. All these parameters should be measured simultaneously	Essential Measured parameters; pH, pCO2, pO2, SaO2, tHb, Lactate, Glucose, Na+, K+, Ca++, Cl-. All these parameters should be measured simultaneously. Remarks: We wish to say that keeping additional parameter "Co-oximetry" in Blood Gas Analyser not only enhance the cost of operation, initial purchase of equipment but also increases the breakdown time of machine because of undesired larger test menu with respect to essential critical parameters. Moreover we would like to say that Co-oximetry can be analysed in standalone biochemistry analyser or Co-oximeter much cheaper cost. So the requested amendment may please be allowed for economical operation.	**Amended as:** Essential Measured parameters; pH, pCO2, pO2, SaO2, tHb, Lactate, Glucose, Na+, K+, Ca++, Cl-. All these parameters should be measured simultaneously
			please remove the optional Co Oximetry.	
			Essential Measured parameters; pH, pCO2, pO2, SaO2, tHb, Lactate, Glucose, Na+, K+, Ca++, Cl-. All these parameters should be measured simultaneously. Remarks: We wish to say that keeping additional parameter "Co-oximetry" in Blood Gas Analyser not only enhance the cost of operation, initial purchase of equipment but also increases the breakdown time of machine because of undesired larger test menu with respect to essential critical parameters. Moreover we would like to say that Co-oximetry can be analysed in standalone biochemistry analyser or Co-oximeter much cheaper cost. So the requested amendment may please be allowed for economical operation.	

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2	Pg 1 Para 4	Sample volume- 100 micro litre or less	Sample volume- Minimum 150 micro litre. Remarks: We would like to mention that lower sample volume will result in repeat sampling and keeping low sample volume requirement is not recommended in routine analysis. Hence the requested amendment may please be accepted accordingly.	**Amended as:** Sample volume - **50** micro litre or less
			Sample volume should 100-200 micro liter.	
			Sample volume - Minimum 150 micro litre. Remarks: We would like to mention that lower sample volume will result in repeat sampling and keeping low sample volume requirement is not recommended in routine analysis. Hence the requested amendment may please be accepted accordingly.	
3	Pg 1 Para 5	Fast analysis time – 60 sec or less	Analysis time should 90-120 sec.	No Change
4	Pg 1 Para 11	Built in auto Quality control facility.	Built in Quality control facility to analyze controls of equipment manufacturer or standardized for the supplied make ABG. Remarks: This shall help to save the operational cost and allow the user to process quality control as and when needed. To re-check / standardize the equipment. Please allow the requested change for healthy participation and in favor of institute to maintain the quality and control the operational cost.	**Amended as:** Built in Quality control facility **to analyze controls of equipment manufacturer or standardized for the supplied make ABG.**

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			Built in Quality control facility to analyze controls of equipment manufacturer or standardized for the supplied make ABG. Remarks: This shall help to save the operational cost and allow the user to process quality control as and when needed. To re-check / standardize the equipment. Please allow the requested change for healthy participation and in favor of institute to maintain the quality and control the operational cost.	
5	Pg 1 Para 19	Connectivity: Provision should be provided to connect to LIS/HIS	Connectivity: RS 232 port/ USB. Remarks: Requested minor amendment may please be consider for healthy and wider participation.	No Change
			Connectivity: RS 232 port/ USB. Remarks: Requested minor amendment may please be consider for healthy and wider participation.	
6	NA	**Suggested by Bidder**	The equipment should be supplied along with Stainless Steel Table, Printer paper roll for 2 months at given load, syringes - 2000 pcs. & capillary 3000 pcs. for ABG sample etc. Remarks: The requested items may please be included as local items enabling the foreign bidder to participate the tender for healthy competition.	No Change
7	NA	**Suggested by Bidder**	The OEM should have presence in Indian market for Blood Gas Analyzer for last 10 years of the same make.	
8	NA	**Suggested by Bidder**	The OEM should have presence in Indian market for Blood Gas Analyzer for last 7 years of the same make.	No Change
9	NA	**Suggested by Bidder**	The Bidder should have 20 installations in India of the same make and model. Performance certificate issued by Govt. Institute or Hospitals of the same should be submitted along with the bid.	No Change
10	NA	**Suggested by Bidder**	The bidder should have annual turnover of more than 20 Cr in each of the last three financial year.	No Change

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11	NA	**Suggested by Bidder**	Addition of Creatinine Parameter Justification: Creatinine clearance provides an accurate estimate of GFR. Overestimation of the GFR occurs at low levels of renal function, due to tubular secretion of creatinine. The most commonly used endogenous marker for the assessment of glomerular function is creatinine. The calculated clearance of creatinine is used to provide an indicator of GFR. Creatinine clearance should be corrected for body surface area. Improper or incomplete urine collection is one of the major issues affecting the accuracy of this test; hence timed collection is advantageous. Furthermore, due to tubular secretion, creatinine overestimates GFR by around 10% to 20%. Creatinine is the by-product of creatine phosphate in muscle, and it is produced at a constant rate by the body. For the most part, creatinine is cleared from the blood entirely by the kidney. Decreased clearance by the kidney results in increased blood creatinine. The amount of creatinine produced per day depends on muscle bulk.	No Change
12	NA	NA	As per prebid discussion	**Added Para:** **BOQ:** **1. Blood Gas Analyser as specified - 03 Nos.** **2. UPS as specified - 03 Nos.**