

AMENDMENT TO TENDER - I

BID REFERENCE: CI:SCI:RT/MOG/P-V/2019-20/01, Dt. 10.03.2020

TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF RATE CONTROLLED FREEZING UNIT TO DEPARTMENT OF MEDICAL ONCOLOGY AT CANCER INSTITUTE (WIA), ADYAR, CHENNAI.

The following amendment is issued:-

Section – VII **Technical Specifications**

Rate Controlled Freezing Unit (Programmable)
The chamber capacity should be 15 to 30 litres
Capacity to freeze around 10 bags of 250ml Blood Bags in 10 cassettes
Cooling Rates: – 0.1°C/min to -50/60 °C/min.
Heating Rates : 0.1°C/min to 10°C/min or 5 C/min flexible
Temperature programmable up to -150 °C or more
Flow of Liquid Nitrogen inside the chamber must be equal, thereby ensuring uniform temperature throughout the sample.
Cooling by Liquid Nitrogen Vapour release in the Chamber using Controlled Valve.
Measurement and simultaneous display of true Sample Temperature, Chamber Temperature and Demand Temperature in Real Time.
Real-time bar graph on the display showing how the freezing protocol is being carried out inside the chamber should be available.
Resistance thermometer to precisely monitor and control sample and chamber temperatures.
Real time hard copy printout of freezing methods and runs with tamper proof date and time stamping.
Permanent memory for at least 10 freezing protocols and facility to store complete information on at least 10 freezing runs performed. All 10 programs should be available for the operator to change/edit at will, depending upon the samples handled.
Each level of protocol is to be protected by user-defined passwords to eliminate unauthorized access to program details.
Racks to hold 10 cassettes.
10 Cassettes of each holding one 250ml bag.
LN2 container should be supplied along with the machine as a standard supply. The capacity of the LN2 container should be suitable as per the machine specification.

SECTION – XI

A) PRICE SCHEDULE FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT AFTER WARRANTY PERIOD “5 year warranty with 5 year CAMC

SI. No.	Item	Qty	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (UNIT RATE IN Rs.)					Total Unit Rate of CAMC (D+E+F+G+H)	Total CAMC rate (C x I)
			6 th year	7 th year	8 th year	9 th year	10 th year		
A	B	C	D	E	F	G	H	I	J

*** After completion of Warranty period. ** CAMC shall be quoted in INR only and the payment also will be released only in INR**

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Annual Maintenance Contract (CAMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period shall be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CAMC shall be quoted along with taxes applicable on the date of Tender Opening. **“Whether service tax on CAMC is inclusive or extra ,if extra, indicate the present rate”**.In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CAMC will be added for Ranking/Evaluation purpose.
5. The payment of CAMC will be made as per clause GCC clause 21.1(D).
6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CAMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.
10. The bidder shall quote for all the items tendered, if any of the item not quoted, then their bid will be treated as non-responsive.

Name of the bidder _____
Business Address _____
Signature of the tenderer _____
Seal of the tenderer _____

Place: _____

Date: _____

All other terms and conditions in the original tender remain unchanged.

Dt. 18-03-2020

Director