

BOSE INSTITUTE, KOLKATA

Tender No.	BI/DPB/2015-16/March/01
Tender Date	09.03.2015
Type of tender	Limited

Tender title	-86° C DEEP FREEZER	
Specification	<ol style="list-style-type: none"> 1. Capacity: 400-450 Ltrs 2. Should be capable to hold 22000 – 25000 of 2ml vials 3. Should have space saving foot print (WxD): Floor space within 80 x 85 cms. 4. Should at least 5 compartment with 4 adjustable height shelves 5. Each compartment should have individual inner door. 6. Lowest temperature must go upto – 85°C 7. Must maintain – 85°C even at >30° C room temperature. 8. Pull down time should be <5 hours. 9. Micro Processor control of temperature and alarms system. 10. Key pad programming. 11. Automatic reset to prevent microprocessor controller from failure caused by power spikes. 12. Must have hermetically-sealed two stage cascade system (Compressor 2 x ¾ HP) 13. Noise level must be 55 dB 14. Inner height should be < 127 cm 15. Insulation by at least 5” thick polyurethane foam. 16. Power consumption should be < 11 kW/day 17. Password to prevent unauthorized use. 18. Should have autodialer option in the event of alarm condition. 19. Should have battery backup to activate alarms and display temperature during power outage. 20. Should have audible and visible alarms for temperature; filter clean, power out, low Battery, system fail, fault analysis. 21. Should have diagnostic software for fault condition. 22. Outer door should be fitted with low temperature safe silicon seal. 23. Should have heated air vent with manual plunger to prevent vacuum formation. 24. Should have auto restart function after power failure. 25. Certification: CE and CSA certified. 26. Should have > 50 nos of installations in and around Kolkata. 27. Service from direct manufacturer with their service centre in Kolkata is preferable. 28. Power supply: 230 V/50Hz. 29. Warranty: 2 years from the date of installation. 	
Quantity	One	
Last date & time for submission	18.03.2016 at 12.00 Noon	
Date & time for opening of bids	18.03.2016 at 2.00 P.M.	
Submission of Tender (Address)	Department of Plant Biology, Centenary Building, Bose Institute, Kolkata-700054 Kind attn: Dr Debabrata Basu, 033-25693 312	
Venue of bid opening	Seminar Room of DPB (CB), Bose Institute	
For any query the interested bidders may contact (Dept/Section/Div./Unit)	Prof. Debabrata Basu, Division of Plant Biology, Bose Institute.	
General Terms & Conditions		
Warranty	2 years from the date of installation.	
Payment terms	Payment after successful delivery and installation.	
Delivery schedule	Within 8-10 weeks from the date of receipt the order.	
Bid security (earnest money deposit), if applicable	NA	
Submission of performance Bank Guarantee (PBG), if applicable	Yes	
Any other information (if applicable)	NA	
Name of the instrument and tender number should be mentioned on the envelope positively.		
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons thereof.		

Sr. Professor and In-charge, Registrar's Office