

 FSIP-Jagdishpur	Purchase Specification for Muffle Furnace	SPECIFICATION NO. JP/CER/01/2020 Rev.00 Date: 03/01/2020
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Sl No.	Parameter	Requirement
1	Purpose	For Fusion of High Alumina anhydrous sample.
2	SCOPE OF SUPPLY	Complete equipment along with accessories kit, Instruction Manual & Software
3	TRAINING	Two BHEL engineers are to be trained for acquaintance on operation and maintenance of the equipment's during commissioning at BHEL FSIP Jagdishpur.
4	INSPECTION	The equipment shall be inspected at BHEL Insulator Plant Amethi (U.P.)
5	ANY OTHER INFORMATION	Supplier can furnish any other additional information considering the overall requirements.
Technical Parameters		
1	Maximum operating Temperature	1700 deg centigrade (Min)
3	Inner Size	300mm x300mm x200 mm (Minimum)
4	Heating Element	Sic (Silicon Carbide)
5	Warranty	Minimum 12 Months
Other Requirements		
1	Microprocessor Based Programmable Temperature	
2	Minimum Triple walled construction	
3	Heavy Angle Body	
4	Insulation with Zirconia (or better material) fibre board and glass wool.	
Pre-Qualifying Requirement (PQR)		
1	Vendor should have supplied similar/ same item to BHEL/PSU/reputed companies in past 02 (two) Years. A copy of purchase order is required to be submitted as a documentary proof.	

Prepared By:

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