

Indent No: S/6180/2021/2667/Y

Annexure- Deckel/IM/brake/Rev00

Technical Specifications for Induction Motor with Brake:

S.No.	Description of BHEL Requirement	Specified / to be confirmed	Offered	Deviations	Remarks
1	I/P Voltage: 3-phase, 415V	Bidder to comply			
2	Frequency: 50Hz	Bidder to comply			
3	Power: 5.5KW	Bidder to comply			
4	No of Poles: 2	Bidder to comply			
5	Frame Size: 112M	Bidder to comply			
6	Electrically operated holding brake, 230V AC, 50Hz	Bidder to comply & provide details			
7	Provision for manual brake release with Lever/Allen Key	Bidder to comply & provide details			
8	Brake Torque: 60Nm or more	Bidder to comply & provide details			
9	Type of motor construction: Face mounted IM B14	Bidder to comply			
10	Degree of protection: IP 55	Bidder to comply & provide details			
11	Insulation class: F	Bidder to comply & provide details			
12	Frame material: Cast Iron	Bidder to comply			
13	Method of cooling : Self ventilated by a shaft mounted fan	Bidder to comply & provide details			
14	Shaft with Key	Bidder to comply			
15	Efficiency: IE2/IE3	Bidder to comply & provide details			
16	Motor must comply to IEC 60034/ IS12615:2011/DIN standards	Bidder to comply & provide details			
17	Dimensional drawing of offered motor	Bidder to comply & provide details			

