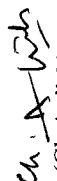


 Ranipet		PROJECT : NSPCL-ROURKELA PP-II EXPANSION (1 X 250MW) EPC PACKAGE CONTRACTOR : BHEL - RANIPET CONTRACT NO. : CC&M-C-347-211 BOUGHT OUT ITEMS:ELECTRICAL and C&I (BHEL, RANIPET)				Annexure - II CONTRACT QUALITY REQUIREMENTS (CQR) for NSPCL-ROURKELA PP-II EXPANSION (1 X 250MW) EPC PACKAGE (BHEL CUST No: R 377)		DOC. NO: CQR-ELE:R377 REV. NO. : 00 DATE : 15 11 2016 Page 8 of 20	
SL. NO.	ITEM	NTPC APPROVED VENDORS		PLACE	QP CATEGORY	NTPC Type Test Requirements & Quality Plan/Check Lists Requirement			Remarks
08	LT MOTORS	a) KEC b) CGL c) SIEMENS d) ABB e) BBL f) NGEF g) Marathon # (blacklisted) h) Jyoti i) LHP	Bangalore/ Hubli (Up to 90KW) Ahmednagar Mumbai Faridabad up to 55KW/ Bangalore above 55KW Mumbai Hubli (up to15KW) Kolkata Vadodara Solapur	Please refer remark column for Categorization Please refer remark column for Categorization	BAP/QR/ R 377/LTM:012 Rev NO: 00 dt 15 11 2016 ** Acceptance of Motor rating between 30KW to 50 KW is based on NTPC Review of Routine Test Inspection report as per IS 325 Witnessed by BHEL/BHEL AIA ie Main contractor along with COC of the manufacturer and the contractor confirming as follows: "It is hereby confirmed that the above mentioned motor was /motors were manufactured taking care of NTPC specific requirements regarding ambient temperature, voltage and frequency variation, hot starts, pull out torque, starting KVA/KW, temperature rise, distance between centre of stud and gland plate, space heater and in accordance with approved drawing /data sheets" ##Acceptance of Motor less than 30KW is based on COC of the manufacturer and the contractor conforming as follows: "It is here by confirmed that the above mentioned motor/motor was / were manufactured taking care of NTPC specific requirements regarding ambient temperature, voltage and frequency variation, hot starts, pull out torque, starting KVA/KW, temperature rise ,distance between centre of stud and gland plate and tested in accordance with approved drawing /data sheet".				Cat I Above 50 KW and up to 200KW NTPC insp as per appd RQP/MQP Cat-II **From 30KW to 50KW BHEL Inspection # Cat-III Up to 30KW # Supplier blacklisted.
09	Electrical Actuator (with Gear Box also)	a) AUMA India b) AUMA c) Rotork d) Rotork e) LIMITORQUE f) Drehmo	Bangalore Germany Chennai/ Bangalore UK Faridabad Germany	Cat II	No Type test approval by NTPC/Engg is envisaged				

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 DGM /QA