MR 43/2017

SUPPLY OF

NEUTRAL EARTHING RESISTOR COMPLETE WITH MOTORISED ISOLATORS FOR NEW KINOYA POWER STATION AND ROKOBILI POWER STATION

ADDENDUM No. 1

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No	Description
	5 References Add the following in 5.1 Applicable Standards after "*IEC 60529 Degrees of protection provided by enclosures (IP Code)*" "*IEC 62271 High Voltage Switchgear and Control gear- All Parts*"
	7 Design and Manufacturing Criteria Add the following after "*Preference will be given to a packaged solution of neutral earthing resistor and motorized isolators".* *"The isolators shall be suitable for continuous operation outdoors in tropical areas and shall be designed and manufactured in accordance with the standards under Section 5.1. The breaking medium shall preferably be air. The isolators shall be a single pole type. Each isolator shall be capable of carrying 630Amps continuously and have a short time rating of 25kA for 3 seconds.* *Each isolator switch shall be equipped with local manual operating device. It shall be possible to pad lock the operating handle both in the open and close positions of the switches.* *The operating mechanism of the disconnector switch shall be constructed of corrosion resistant metals and shall include no ferrous parts other than stainless steel. All current carrying parts shall be of a high electrical conductivity, corrosion resistant metal. All nuts, bolts and washers other than those associated with the mounting bracket shall be stainless steel in accordance with AS 2837 or equivalent IEC or BS standard.* *The disconnector shall be clearly marked with the year of manufacture and in accordance with AS 62271.102, or equivalent IEC or BS standard.* *The isolators shall be provided with sufficient auxiliary contacts for FEA to wire to its equipment to provide local and remote indication on open and closed status of the isolators.*"
	8 Inspection and Testing Add the following to 8.1 Routine Tests. "*The following routine tests shall be carried out for each isolator:* • *Power frequency voltage dry test* • *Measurement of resistance of the main circuit* • *Operating test*
	Appendix B Departure from Specifications Add the following after Appendix B Departure from Specifications "*Appendix C Concept Design Single Line Drawings of New NER Installations* *Refer to attached drawings for new NER installation concept electrical designs.* "