

Addendum No. 3 (Power Supply Tender: P1TR01/2018)

SN	Part No.	Section	Clause ref.	Existing description	Replaced with
1.	Part 2	Section VII-B	5.3.3.1.2 (b) 5.3.3.1.7 (a)	Entirely submerged in synthetic esters oil tank 50°C above ambient temperature for synthetic esters oil	Entirely submerged in synthetic/natural ester oil tank 50°C above ambient temperature for synthetic/natural ester oil
2.	Part 2 Corrigen dum-IX	Section VII-B Annex-2. Reply of Pre-Bid queries Final	5.3.2.2 SI No. 6, 7, 239	The scope of work comprises of design, manufacture, shop testing, supply, delivery at site, installation, testing and commissioning of 3-phase, 132 kV (Rated voltage 145kV), 1500A, 31.5kA Gas insulated indoor type receiving sub-station.	The scope of work comprises of design, manufacture, shop testing, supply, delivery at site, installation, testing and commissioning of 3-phase, 132 kV (Rated voltage 145kV), 3150 A,40 kA Gas insulated indoor type receiving sub-station.
3.	Part 2	Section VII-B	Appendix-B (Technical sheets, Clause No. 8.1, SN. B.11)	33kV Circuit breaker at RSS : Allowable overcurrent for 1 second - 25kArms	33kV Circuit breaker at RSS : Allowable overcurrent for 3 second - 25kArms
4.	Corrigen dum -IX	Annex-2. Reply of Pre-Bid queries Final		The pre-bid replies mentioned for sl. Nos. 823-829.	Outdoor GIS shall be considered in line with addendum 1.
5.	Part 2 Corrigen dum-X	Section VII-B Annexure G Cable fault locator and test van.	14.9.1.4	New Para	Cable fault locator system shall be suitable to test underground cable upto 132 kV level.
			14.9.2.1.8	Insulation measuring / Resistance measurement: Integrated insulation measurement up to minimum 5 GΩ (with a test voltage of minimum 1000V) and an integrated low resistance measurement facility up to 1 kΩ.	Insulation measuring / Resistance measurement: Integrated insulation measurement up to minimum 2 GΩ (with a test voltage of minimum 1000V) and an integrated low resistance measurement facility up to 1 kΩ.
			14.9.2.4.1	The integrated surge generator should have a surge energy of at least 3000 Joules in all voltage ranges between 0 and the maximum value of the selected range.	The integrated surge generator should have a surge energy of at least 2500 Joules in all voltage ranges between 0 and the maximum value of the selected range.
			14.9.2.4.2	Surge method At least 3000J surge energy in all of the ranges 0...4/ 8 / 16 / 32kV.	Surge method At least 2500J surge energy in all of the ranges 0...4/ 8 / 16 / 32kV.
			14.9.2.4.4	Surge Generator Unit The Surge Generator Unit should be used as thumper for charging of..... The filter to have switching elements necessary for the triggering and the coupling of the pulse. After the pre-	Surge Generator Unit The Surge Generator Unit should be used as thumper for charging of..... The filter to have switching elements necessary for the triggering and the coupling of the pulse. There should be

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				<p>location using the SIM/MIM method, there should be a decoupling element which should by pass the surge generator for making it ready for use in pinpointing the cable fault. The control unit should connect automatically the filters with appropriate coupler with the surge generator and TDR when SIM/MIM mode.</p> <p>Capacitive coupler: Capacitive voltage divider required for location of intermittent cable faults up to 40 KV DC to perform the Decay Method. The fault conditioning Unit should have the following features: (b) 3000 J Energy shall be released in every 3 sec pulse]</p>	<p>a decoupling element which should by pass the surge generator for making it ready for use in pinpointing the cable fault. The control unit should connect automatically the filters with appropriate coupler with the surge generator and TDR.</p> <p>Capacitive coupler: Capacitive voltage divider required for location of intermittent cable faults up to 80 KV DC to perform the Decay Method. The fault conditioning Unit should have the following features: (b) 2500 J (min) Energy shall be released in every 3 sec pulse</p>
			14.9.2.4.7	<p>Cable Identification Set:</p> <p>The system is to be used for selection of single core and multi core cables from a bunch of cables. The system should consist of a Transmitter and Receiver unit and should be light, portable, with facility to identify even live cables. The unit should be completely menu – driven, with graphic display.</p> <p>Technical Data Transmitter: Output voltage: 300V (min.) (15 pulses/min) Output current: 180A (min.) Power Supply: 230v, 50 Hz/ Battery operated Receiver: Display: Graphic LCD/ Analog signal Sensitivity: 100%; at 400 Power Supply: Battery operated</p>	<p>Cable Identification Set:</p> <p>The system is to be used for selection of single core and multi core cables from a bunch of cables. The system should consist of a Transmitter and Receiver unit and should be light, portable, with facility to identify even live cables. The unit should be completely menu – driven, with graphic display.</p> <p>Technical Data Transmitter: Output voltage: ≥ 55 V (min.) (15 pulses/min) Output current: ≥ 100 A Power Supply: 230 V, 50 Hz/ Battery operated Receiver: Display: Graphic LCD/ Analog signal/LED Sensitivity: 100%; at 400 Power Supply: Battery operated</p>
			14.9.2.4.9	New Para	Service set up of OEM operational in India should be available.