




The Bhagirathi Co-op. Milk Producers' Union Ltd.
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CORRIGENDUM NOTICE

BU/DAIRY/PKGMS/2848

Dated: 21.10.2019

Tender Reference No.: BU/DAIRY/PKGMS/2787 dated 15.10.2019

Tender Id: 2019_BCMPU_ 248532_1

The Scope of Work may be read as Supply of 500KVA Transformer instead of Supply Installation and Commissioning of 500KVA Transformer.

The Technical Specification of the 500 KVA Transformer may be read as per document annexed in annexure A of this corrigendum.

Sd/-
Managing Director
The Bhagirathi Cooperative
Milk Producers' Union Limited

Copy forwarded to:

1. Website (www.bhagirathimilk.com)
2. Office Notice Board
3. E-Tender Portal of Govt. of West Bengal (<https://wbtenders.gov.in>)
4. Office Copy

ANNEXURE -A

1. TECHNICAL SPECIFICATIONS

SCHEDULE OF TECHNICAL PARTICULARS:			
1		Capacity in KVA	500 KVA
2		Make	Globe
3		Reference Standards	
	3.1	Transformer Design & Testing	IS 1180 (LEVEL-I)
	3.2	Loading	IS 6600
	3.3	Oil	IS 335
	3.4	Porcelain bushing	IS 3347
	3.5	HSN CODE	8504
4		Tolerance on Electrical Parameters	IS 1180
5		Duty	Continuous Duty
6		Windings	Double Wound with EG Copper
7		Core	CRGO
8		Type	Outdoor
9		Rated Input	11000 V
10		Rated Output	433 V
11		Frequency	50 Hz \pm 3Hz
12		No. of Phase	3
13		Input Configuration	Delta
14		Output Configuration	Star
15		Vector Group	Dyn 11
16		Tapping	Off Circuit tap changer shall be provided on HV winding in variation from + 5 to-10% in Steps of 2.5%
17		Cooling	ONAN
18		Max. ambient temperature	50 ⁰ C
19		Max. oil Temperature rise	40 ⁰ C
20		Max. winding temperature rise	45 ⁰ C

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21		HV side high voltage withstand test	28 KV
22		LV side high voltage withstand test	3 KV
23		% Impedance at 75 ⁰ C	4.5%
24		Mounting of Cooling radiators	Fixed
25		Induced over voltage withstand test	
	25.1	Applied on LV side	0.866 KV
	25.2	Induced on HV side	22 KV
26		Terminal Arrangement	
	26.1	LV Side	Cable Box suitable for Bus Duct
	26.2	HV Side	Cable Box suitable for XLPE Cable
	26.3	Neutral	Provided
27		STANDARD FITTINGS	
	27.1	Name , Rating & Diagram Plate	Provided
	27.2	Earthing Terminals	Provided
	27.3	Lifting Lugs	Provided
	27.4	Oil Level Indicator	Provided
	27.5	Filter Valve With Plug	Provided
	27.6	Drain Cum Sampling Valve with plug	Provided
	27.7	Conservator With Oil Filling Hole	Provided
	27.8	Thermometer Pocket	Provided
	27.9	Dial Type Oil Temp. Indicator With Max. Indicating Pointer Alarm & Trip Contacts	Provided / Not Provided
	27.10	Air Release Plug	Provided
	27.11	Explosion Vent	Provided
	27.12	Silica Gel Breather	Provided
	27.13	Unidirectional Rollers	Provided
	27.14	First Filling of Transformer Oil Confirming to IS:335	Provided
	27.15	Oil Temperature Indicator	Provided/ Not-Provided

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2. TEST: Following routine tests shall be conducted in house before dispatch of Transformer as per IS: 1180

1. Physical Examination
2. Insulation Resistance
3. No-Load Loss & Current
4. Winding Resistance
5. Voltage ratio & Polarity Test
6. Voltage Impedance and Full load loss
7. Dielectric tests
8. DVDF TEST
9. Low & High Voltage Test
10. Surge Compression Test