BUREAU OF INDIAN STANDARDS
EROL, KOLKATA

Ref: EROL/Mech/133 09.10.2020

To,

Vender / Bidder,

Subject: CORRIGENDUM No 1 against Tender No. EROL/Mech/133 dated 22.09.2020, Tender for Supply, Installation and Commissioning of Epstein Test Bridge and Epstein Tester.

Dear Bidder,

Please refer to the subject tender floated on 22.09.2020, the following changes to the Technical Specification at Annexure 3 and Technical Compliance Statement by the Bidder at Annexure 4 may kindly be noted while submission of bids.

(Annexure 3)

Technical Specification for

Technical Specification for 25 cm Epstein Bridge

Sl No	Specifications	Existing Requirement as given in Tender Document	The same may please be replaced by:
3.	Current rating	30 A	30 A, Peak

Technical Specification for Epstein tester

Sl No	Specifications	Existing Requirement as given in Tender Document	The same may please be replaced by:
-	Heading	To carry out Magnetic test (Core loss in W /kg and Polarization / a.c Magnetization in Tesla at variable Field Strength) of Transformer core as per IS 468, IS 469 & IS 3024	To carry out Magnetic test (Core loss in W /kg and Polarization / a.c Magnetization in Tesla at variable Field Strength) of Transformer core as per IS 468, IS 469 & IS 3024.
2.	Power Frequencies Range	25 to 400 Hz	25 to 400 Hz (recommended)
8.	Power factor meter	Accuracy of PF meter = 0.2% or better	Accuracy to be comparable with the wattmeter

11.	Electrodynamometer wattmeter	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction of voltmeter as per Cl.9.1.4.1 of IS 649:1997.	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction of voltmeter as per Cl.9.1.4.1 of IS 649:1997 or as given in Sl no 12.
12.	Wattmeter other than Electrodynamometer	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction as per Cl.9.1.4.2 of IS:649:1997	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction as per Cl.9.1.4.2 of IS 649:1997 or as given in Sl no 11.
13.	RMS Ammeter	A nominal accuracy of 1.0 percent of full-scale or better is required and construction as per Cl.9.1.5 of IS:649:1997	A nominal accuracy of 1.0 percent of full-scale or better is required and construction as per Cl.9.1.5 of IS 649:1997 or as given in Sl no 14.
14.	Mutual inductor peak Ammeter	Construction as per Cl.9.1.6.1 of IS:649:1997	Construction as per Cl.9.1.6.1 of IS 649:1997 or as given in Sl no 13.
16.	Measuring / Testing range of Core Loss:	0 to 30 W/Kg	Suitable to measure Core Loss as per IS 648 & 3024
23.	Other	Equipment should be comparable with PC, provision for direct uploading of result in system.	Equipment should be comparable with PC, provision for direct uploading of result in system. A PC system / Laptop with pre-loaded software shall also be supplied.

Annexure 4

Technical compliance statement by the bidder for EPSTEIN TEST BRIDGE AND EPSTEIN TESTER

SL NO.	Technical Specification (Annexure 3)		Quoted details by the bidder	Deviation from col (3), if any	Remarks
	Component	**Requirement**			
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**
Epstein bridge					
3.	Current rating	30 A, Peak.			
Epstein Tester: To carry out Magnetic test (Core loss in W /kg and Polarization / a.c Magnetization in Tesla at variable Field Strength) of Transformer core as per IS 648, IS 649 & IS 3024.					
2.	Power Frequencies Range	25 to 400 Hz (Recommended)			
8.	Power factor meter	Accuracy to be comparable with the wattmeter			
11.	Electrodynamometer wattmeter	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction of voltmeter as per Cl.9.1.4.1 of IS:649:1997 or as given in Sl no 12			
12.	Wattmeter other than Electrodynamometer	The rated accuracy of measurement of the wattmeter, at the frequency of test and for unity power-factor loads, shall not be poorer than 0.25 percent of full-scale deflection and construction as per Cl.9.1.4.2 of IS:649:1997 or as given in Sl no 11			
13.	RMS Ammeter	A nominal accuracy of 1.0 percent of full-scale or better is required and construction as per Cl.9.1.5 of IS:649:1997 or as given in Sl no 14			
14.	Mutual inductor peak Ammeter	Construction as per Cl.9.1.6.1 of IS:649:1997 or as given in Sl no 13			

16.	Measuring / Testing range of Core Loss:	Suitable to measure Core Loss as per IS 648 & 3024			
23.	Other	Equipment should be comparable with PC, provision for direct uploading of result in system. A PC system / Laptop with pre-loaded software shall also be supplied.			

All other Specifications (both technical and financial) and terms and conditions of the subject tender shall remain unchanged. This Corrigendum No 1 is an integral part of the subject tender and a copy of the same must be submitted along with the offer duly signed and stamped.

Thanking you,

Yours faithfully,

Sd/-
(Head EROL)