## CHHATTISGARH STATE POWER TRANS. CO. LTD.

C&PTCL

(A Govt. of Chhattisgarh undertaking) (A successor company of CSEB)

CIN- U40108CT2003SGCO15820 / GSTIN-22AADCC5773E1ZX

O/o Chief Engineer (Store & Purchase)

3<sup>rd</sup> Floor, SLDC Building, Daganiya, Raipur(C.G.)-492013

Website- www.cspc.co.in email-nk.bisen@cspc.co.in Phone-0771-2574240/36/4004 Fax-0771-2574246

No.02-16/SE-I(S&P)/TR-19-S&P-45/M 2 2 8 - Raipur, Dtd CORRIGENDUM & CLARIFICATION

1 JUN 2028

Tender specification No. TR-19/S&P/45 for supply of Portable Dissolve Gas Sub: Analyzer for Transformer Oil under PSDF scheme.

The terms & conditions of NIT No.02-16/SE-I(S&P)/TR-19-S&P-41/45/48/159 dtd 19.05.2020 for supply of Portable Dissolve Gas Analyzer for Transformer Oil under PSDF scheme shall be read as mentioned below :-

SI. No	Clause No./ Page No.  Requirement as per tender specification			Amended Requirement							
			(	CORRIG	ENDUN	M/CLARIFI	CAT	ION			w 0.00
			Portable	e Dissolve	Gas A	nalyzer For	Tran	sformer O	il		
1	Technical Specification of portable dissolve gas analyzer for transformer o clause 6 (b), Accuracy &	acc for sho mir acc	portable urate having each param uld be abl	g high deg teter. The e to mea parametes:	uipmen gree of a portable sure fu	t shall be repeatability e equipment II range of h following	acc repor por mea	portable	ving hig for each oment sho range of h followin	iipment gh de param ould be f minii g accura	shall be gree of eter. The e able to mum 7+1
	Repeatability	N		Range in PPM	mum detect ion limit in PPM (Gas Meas ureme nt Error Exclu ding Extra ction Error)		IN IN		in PPM	detect ion limit in PPM (Gas Meas ureme nt Error Exclu ding Extra ction Error)	
		1.	Hydrogen	5 to 5000 ppm or better	5 ppm	+ 5 ppm or < +10%	1.	Hydrogen	5 to 5000 ppm or better	5 ppm	+ 5 ppm or < +10% whiche

				whichev er is
2.	Carbon Monoxide	10 to 10000 ppm or better	10 ppm	greater
3.	Carbon Dioxide	50 to 10000 ppm or better	50 ppm	
4.	Acetylene	1 to 10000 ppm or better	l ppm	
5.	Ethylene	2 to 10000 ppm or better	2 ppm	
6.	Ethane	2 to 10000 ppm or better	2 ppm	
7.	Methane	2 to 10000 ppm or better	2 ppm	
8.	Water dissolved in oil (Moisture)	2 to 10000 ppm or better	3 ppm	< 3 ppm or ± 3% whichev er is greater

				ver is
_	0.1			greater
2.		10 to	10	+ 10
	Monoxide	10000	ppm	ppm
		ppm or		or
		better		< +10%
				whiche
				ver is
				greater
3.	Carbon	50 to	50	+ 50
•	Dioxide	10000	ppm	ppm
	Bioxide	ppm or	ppiii	or
		better		< + 10%
		better		whiche
				ver is
				greater
1	Acetylene	1 to	1	
Τ.	rectylene	10000		+ 1 ppm
			ppm	or < ±10%
		ppm or better		whiche
		Detter		ver is
5.	Ethylene	2 to	2	greater
).	Luiyiene	10000		+ 2 ppm
			ppm	or < +10%
		ppm or better		
		better		whiche
				ver is
5.	Ethane	2 to	2	greater
).	Ethane	10000		+ 2 ppm
			ppm	or < +10%
		ppm or better		
		better		whiche
				ver is
				greater
7.	Methane	2 to	2	+ 2 ppm
		10000	ppm	or
		ppm or		< + 10%
		better		whiche
				ver is
				greater
-	Water	2 to	2	≤ 2
8.	1	10000	ppm	ppm or
8.	dissolved			
8.	in oil	ppm or		+ 3%
3.				whiche
8.	in oil	ppm or		whiche ver is
8.	in oil	ppm or		whiche
8.	in oil	ppm or		whiche ver is

The equipment shall be delivered with:-The equipment shall be delivered with:-1. Portable DGA equipment 1. Portable DGA equipment 2. Calibration Report 2. Calibration Report 3. Control Software with communication 3. Control Software with communication cable cable 4. All accessories for operation for at least 3 4. All accessories for operation for at least 3 years years 5. Portable Battery Bank preferably 12V 5. Portable Battery Bank preferably 12V for for operation without AC supply operation without AC supply

All other terms & conditions of tender TR-19/S&P/45 will remain unchanged.

(Er. S.D. Telang) Chief Engineer (S&P)

CSPTCL, Raipur

Copy to:-

The Chief Engineer (EITC), CSPDCL, Raipur.

- It is requested to please arrange publication of NIT in the web site of CSPTCL.