TECHNICAL BID

SUPPLY OF MATERIAL AS PER THE FOLLOWING SPECIFICATIONS:

ITEM NUMBER ITEM CODE		ITEM DESCRIPTION		QUANTITY	
1.	300129502	VOLTAGE TRANSDUCER, DIRECT 415VAC, 50HZ. RANGE: 330-480 VOLT. OUTPUT: 4-20 MILLIAMPS DC, PROGRAMMED AS: 0-330V I/P=0- 4MA O/P; 330-480V= 4-20MA. AUX SUPPLY: 24 VOLT DC. ACCURACY 0.2. TRUE RMS MEASUREMENT. FULLY ONSITE PROGRAMMABLE INPUT RANGE. DUEL OUTPUT. SEVEN SEGMENT LCD DISPLAY. DIN RAIL MOUNTING. RISHABH INSTRUMENTS CAT NO: RISHCON-V.	NO	6	
2.	300129503	CURRENT TRANSDUCER, CT INPUT: 1 OR 5 AMP SITE SELECTABLE, 50HZ. OUTPUT: 4-20 MILLIAMPS DC, AUX SUPPLY: 24 VOLT DC. TRUE RMS MEASUREMENT. ACCURACY 0.2. FULLY ONSITE PROGRAMMABLE INPUT RANGE. DUEL OUTPUT. SEVEN SEGMENT LCD DISPLAY. DIN RAIL MOUNTING. RISHABH INSTRUMENTS CAT NO: RISHCON-I.	NO	20	
3.	300138542	BAR PRIMARY TYPE SPLIT CORE LV CURRENT TRANSFORMER. RATIO-75/1A ACC. CLASS-1.0, BURDEN-1.5VA, CONT.CURRENT-1.2xIN, ISF-<5 WITH LOCKING HINGE. INSULATION CLASS-MIN.E. STANDARD- IEC 60044-1 & IS 2705-1 CT TERMINALS SHALL BE ENGRAVED AND TERMINAL COVER TO BE PROVIDED. RTC SHALL BE SUBMITTED ALONG WITH THE CT. MAKE-RISHABH/AE/MECO/PRAGATI/KAPPA	NO	7	
4.	300138543	BAR PRIMARY TYPE SPLIT CORE LV CURRENT TRANSFORMER. RATIO-100/1A ACC. CLASS-1.0, BURDEN-1.5VA, CONT.CURRENT-1.2xIN, ISF-<5 WITH LOCKING HINGE. INSULATION CLASS-MIN.E. STANDARD- IEC 60044-1 & IS 2705-1 CT TERMINALS SHALL BE ENGRAVED AND TERMINAL COVER TO BE PROVIDED. RTC SHALL BE SUBMITTED ALONG WITH THE CT. MAKE-RISHABH/AE/MECO/PRAGATI/KAPPA	NO	20	
5.	300138544	BAR PRIMARY TYPE SPLIT CORE LV CURRENT TRANSFORMER. RATIO-200/1A ACC. CLASS-1.0, BURDEN-1.5VA, CONT.CURRENT-1.2xIN, ISF-<5 WITH LOCKING HINGE. INSULATION CLASS-MIN.E. STANDARD- IEC 60044-1 & IS 2705-1 CT TERMINALS SHALL BE ENGRAVED AND TERMINAL COVER TO BE PROVIDED. RTC SHALL BE SUBMITTED ALONG WITH THE CT. MAKE-RISHABH/AE/MECO/PRAGATI/KAPPA	NO	4	
6.	300152908	SPLIT CORE CURRENT TRANSFORMER, CTR- 250/1,3.75 VA,50HZ,POLYCARBONATE, FLAME RETARDENT,"INSU CLASS-E, ACCU CLASS-1, 660V,CORE TYPE OD: 93 MM MAX,PRI COND DIA: 20-30 MM BUSBAR,SCREW/STUD TYPE, COVERED SEC TERMINALS, POLARITY MARKINGS,BASE MOUNTING WITH BRACKETS,CONFIRMING TO IEC61869 WITH TEST REPORT, MEKE-AE/ PRAGATI /PRECISE/ RISHABH/ MECO.	NO	8	

CORE TYPRE CURRENT TRANSFORMER CTR-250/5, 5					
8. 300116860 MOUNTING, MOVING COIL, SCALE: 240 DEG SLE: 144X144SQ.MM, ACCURACY CLASS: 1.5 (TAUT BAND), RANGE: 0-58V PT RATIO: 3.3kV/110V, RED MARK AT 3.3kV, MAKE: AEL, BY/IMP/MECO TOUT BAND AMMETER 0-60 AMP.RECTIFIER TYPE, SIZE: 144X144MM, FLUSH MOUNT ING, ACC. CLASS: 1.5, DIELECTRIC TEST: 2kV RMS FOR 1 MIN., CT RATIO: 60/5 AMP, 50HZ, SCALE NO 2 LENGTH: 145 MM, SCALE: 0-60/360, SUPPRESSED SCALE FRO M 100 TO 600% A.E.MAKE FOR 1RKV/3.3kV SW.GO. USEA AC ANALOUGE AMMETER, MOVING COIL-RECTIFIER TYPE, AS PER IS: 1248, RANGE 0-600 A, CTR 600/5, 50 HZ, SCALE: LINEAR, TAUT BAND 240 DEG, FLUSH MOUNTING, WITH ACCESSORIES, SIZE: 144 MM SQUARE ACCURACY CLASS: 1.5, TEST V: 2kV AC FOR 1 MIN, MAKE: RISHAB, MECO, AE A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE 0-175A-1050 A, CTR: 175/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE: 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LNT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLU	7.	300152909	VA,50HZ,POLYCARBONATE, FLAME RETARDENT,"INSU CLASS-E, ACCU CLASS -5P10, 660V, TYPE OD:105MM MAX,PRI COND DIA: 30 MM BUSBAR,SCREW/STUD TYPE, COVERED SEC TERMINALS, POLARITY MARKINGS, BASE MOUNTING WITH BRACKETS, CONFIRMING TO IEC61869 WITH TEST REPORT, MEKE-AE/	NO	6
SIZE:144X144MM, FLUSH MOUNT ING, ACC. CLASS:1.5, DIELECTRIC TEST:2KV RMS FOR 1 MIN., CT RATIO:60/5 AMP, 50HZ, SCALE NO 2 LENGTH:145 MM, SCALE: 0-60/360, SUPPRESSED SCALE FRO M 100 TO 600%, A.E.MAKE FOR 11kV/3.3kV SW.GR.UREA AC ANALOUGE AMMETER, MOVING COIL-RECTIFIER TYPE, AS PER IS:1248, RANGE 0-600 A, CTR 600/5, 50 HZ, SCALE: LINEAR, TAJT BAND 240 DEG, FLUSH MOUNTING, WITH ACCESSORIES, SIZE: 144 MM SQUARE ACCURACY CLASS:1.5, TEST V: 2kV AC FOR 1 MIN,MAKE:RISHAB,MECO,AE A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-175A-1050 A, CTR: 175/5A, ACCURACY CLASS:1.5, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 1.1 LNEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS:1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 1.1 LNEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS: 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER, A.E., RISHAB, MECO/IMP/LnT.	8.	300116860	MOUNTING, MOVING COIL, SCALE: 240 DEG SIZE: 144X144SQ.MM, ACCURACY CLASS: 1.5 (TAUT BAND), RANGE: 0-5KV PT RATIO: 3.3KV/110V,	NO	3
TYPE, AS PER IS:1248,RANGE 0- 600 A, CTR 600/5, 50 HZ, SCALE: LINEAR, TAUT BAND 240 DEG, FLUSH MOUNTING, WITH ACCESSORIES, SIZE: 144 MM SQUARE ACCURACY CLASS:1.5, TEST V: 2KV AC FOR 1 MIN,MARE:RISHAB,MECO,AE A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-175A-1050 A, CTR: 175/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MCONTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C. AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH A.C. AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH A.C. AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH A.C. AMMETER,MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT 14. 300153053 NO 2	9.	300055389	SIZE:144X144MM, FLUSH MOUNT ING, ACC. CLASS:1.5, DIELECTRIC TEST:2KV RMS FOR 1 MIN., CT RATIO:60/5 AMP, 50HZ, SCALE LENGTH:145 MM, SCALE: 0-60/360, SUPPRESSED SCALE FRO M 100 TO 600%, A.E.MAKE FOR	NO	2
DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-175A-1050 A, CTR: 175/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/Lnt. OR EQUIVALENT A.C AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/Lnt. OR EQUIVALENT A.C AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/Lnt. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH A.C. AMMETER, MOVING COIL (RECTIFIED) DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/Lnt. OR EQUIVALENT A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/Lnt. OR EQUIVALENT	10.	300139950	TYPE, AS PER IS:1248, RANGE 0- 600 A, CTR 600/5, 50 HZ, SCALE: LINEAR, TAUT BAND 240 DEG, FLUSH MOUNTING, WITH ACCESSORIES, SIZE: 144 MM SQUARE ACCURACY CLASS:1.5, TEST V: 2KV AC FOR 1	NO	2
DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C AMMETER, MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C.AMMETER, MOVING COIL(RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT 14. 300153053 DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	11.	300153050	DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-175A-1050 A, CTR: 175/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB,	NO	3
DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT A.C.AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	12.	300153051	DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-1600, CTR: 1600/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB,	NO	8
DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	13.	300153052	DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-300-1800 CTR: 300/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR	NO	2
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	14.	300153053	DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-200-1200 CTR: 200/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	NO	2
A.C.AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 96x96 SQ MM, SCALE 0-75-450 CTR: 75/1A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	15.	300153054	MOUNTING , SQUARE SIZE 96x96 SQ MM, SCALE 0-75-450 CTR: 75/1A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR	NO	2
16. 300153055 A.C.AMMETER, MOVING COIL (RECTIFIED),	16.	300153055	A.C.AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH	NO	1

		MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-50, CTR: 50/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT		
17.	300055390	AMMETER 144 X 144 M2 75-450/5 C.T. RATIO, 75/5 AMP, 50HZ, RECTIFIER TY PE, FLUSH MOUNTING, ACC. CLASS:1.5, DIELECTRIC TEST:2KV RMS FOR 1 MIN., SCALE LENGTH: 145 MM, SCALE: 0-75/450, SUPPRESSED SCALE FROM 100 TO 600%. TAUTBAND, MFR.A.E. AMMONIA.	NO	4
18.	300153084	A.C.AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE LINEAR 0-400, CTR: 400/5A, ACCURACY CLASS 1.5, MAKE: A.E., RISHAB, MECO/IMP/LnT. OR EQUIVALENT	NO	2
19.	300110158	A.C. AMMETER, MOVING COIL (RECTIFIED), DEFLECTION - 240 DEG, PANEL FLUSH MOUNTING, SQUARE SIZE 144X144 MM, SCALE 0-125A, CTR: 125/5A, ACCURACY CLASS 1, MAKE: A.E., RISHAB, MECO	NO	4

Technical Note:

• Bidder to submit testing and calibration certificate along with the supply of material

Deviation If Any:

(Sign and stamp of bidder)

ANNEXURE-A

NO DEVIATION CERTIFICATE

SUBJECT: SUPPLY OF ANALOGUE METERS, CT, TRANDUCERS at RCF, THAL.

GeM Bid No:		<u></u>
by and accept wit	ever of the Bidding	hereby agree to fully comply with, abide eviation or reservation all technical, commercial and other g Documents and all Addenda / Corrigenda / Clarifications
reservations what correspondence, co be treated to confo	tsoever hereto se ommunications or	and abandon any and all deviations, variations, objections or et out, given or indicated in our offer, clarifications, otherwise with a view that the final price bid submitted may ts, with the terms and conditions of the said tender documents Clarifications.
For and on behalf Stamp & Signatur Name Designation Date	:	