

SCHEDULE OF REQUIREMENTS**ITI : BERHAMPUR****Schedule-1 : Electronics Equipment**

Sl. No.	NCVT Sl. No.	Description of the items with Specifications	Qty.	Delivery Schedule	Bid Security
Trade - ELECTRONICS					
1	104	Signal Tracer	2	3 months	Rs.5000
2	108	Power Supply 0-30V/DC. 0-300V	3		
3	109	Sweep Generator with X-Y display with marker	2		
4	110	Digital movie Camera cd type	2		
5	113	TV Trainer	2		
6	114	T.V. Receiver B/W(Solid State)	2		
7	121	Strain gauge with load cell	3		
8	122	VCD	2		
9	123	DVD	2		
10	132	C.R.O. Trainer kit	2		
11	135	Cord less telephone set	3		
12	136	Cellular telephone set	3		
13	141	UPS(Small W)UPS Trainer	2		
14	142	A.M. Trainer kit(Modulation and demodulation)	2		
15	143	F.M. Trainer kit (Modulation and demodulation)	2		
16	144	Phase Modulation Trainer kit	2		
17	146	PAM trainer kit(Modulation and demodulation)	2		
18	147	PCM (Modulation and demodulation)	2		
19	148	PWM (Modulation and demodulation)	2		
20	149	PPM (Modulation and demodulation)	2		
21	150	EPABX Trainer (Electronic Exchange)	2		
22	158	PCs with monitor	3		
23	160	A to D Trainer kit	2		
24	161	D to A Trainer kit	2		

Schedule-2 : Electrical Machineries

Sl. No.	NCVT Sl. No.	Description of the items with Specifications	Qty.	Delivery Schedule	Bid Security
Trade - Electrical					
1	9	Electric drill machine portable 6mm capacity	2	3 months	Rs.6600
2	22	Crimping tool	2		
3	39	Plane, smoothing cutter, 50mm	8		
4	51	Desoldering gun	2		
5	55	Pipe cutter to cut pipes upto 5cm dia	2		
6	57	Stock and dies conduit	2		
7	59	Digital Multi meter (3-1/2 digits)	1		
8	72	Techo meter or revolution counter with stop watch	2		
9	76	Tong tester/clamp meter 0-100AmpAC	2		
10	78	Wheat stone bridge complete with galvanometer and battery	2		
11	85	Brake Test arrangement with two spring balance of 0 to 25kg rating	2		
12	88	DC power supply 0-100 volt.5AMP	2		
13	89	Inverter 1KVA input 12V DC output 220 Volt. AC with 12 Volt. Battery	1		
14	90	Voltage Stabilizer - input 150 -230V AC. Output 220 Volt. AC	1		
15	100	Motor generator set consisting of : Motor induction squirrel cage,7hp,400 volt.50 cycles,3-phase with star delta starter and switch directly coupled to D.C.Shunt generator 5Kw ,440 volt and switch board mounted with regulator,air circuit breaker,ammeter,volt meter,knife blade switches and fuses,set complete with cast iron and plate,fixing bolts,foundation bolts and flexible coupling.	2		
16	101	Motor generator set consisting of: Motor shunt 5hp,440 volt with starting compensator and switch directly coupled to generator A.C. 3.5 kvA,400/230 volt,3 phase,4 wire,0.3 p.f 50 cycle with excitor and one switch board mounted with regulator,circuit breaker,ammeter,voltmeter,frequency meter,knife blade switch and fuses etc.Set complete with cast iron bed plate,fixing bolts,and flexible coupling	2		
17	105	Diesel generator,5 kvA with change over switch, current circuit breaker, water cooled with armature, star delta connections	2		
18	110	Motor A.C. phase wound slip ring type 5 hp 400 volt,3 phase,50 cycles with starter and switch	2		
19	112	Motor A.C.single phase, 230 volt,repulsion type complete with starter and switch 1 HP	2		

Sl. No.	NCVT Sl. No.	Description of the items with Specifications	Qty.	Delivery Schedule	Bid Security
20	116	Transformer single phase, 1 kvA,230/115-50-24-12 volts,50 cycle,core type,air cooled with tappings for scd. Connection	6		
21	118	Variable auto transformer 0 – 250 volt 5 amp	4		
22	121	Discrete Component Trainer	2		
23	126	Oil testing kit	2		
24	131	Thyrister/GBT controlled DC Motor drive 1 HP with techogenerator feedback arrangement	2		

Schedule-3 : Measuring Instruments

Sl. No.	NCVT Sl. No.	Description of the items with Specifications	Qty.	Delivery Schedule	Bid Security
Trade - FITTER					
1	88	Vernier caliper 20cm	1	3 months	Rs.1700
2	89	Vernier height gauges 30 cm	1		
3	90	Vernier bevel protractor	1		
4	29	Surface roughness comparison plate N1-N12 grade	2 sets		
5	1	Electric Furnace with capacity 600 ⁰ to 1400 ⁰ C	1		