

Section VII. Technical Specifications

ITEM NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	ABC (P540,945.00)	[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.]

Procurement of Supplies and Materials (Electronics Dept.)

ITEM NO.	Specification	UNIT	QTY	BRAND	Statement of Compliance
1	Soldering Lead	Special, 0.8 mm 60/40 tin lead ratio, 1 pound/spool	spool	5	
2	breadboard jumper wire	male to female, 10cm, 20/set	set	10	
3	breadboard jumper wire	female to female, 10cm, 20/set	set	10	
4	breadboard jumper wire	male to female, 20cm, 20/set	set	10	
5	breadboard jumper wire	female to female, 20cm, 20/set	set	10	
6	breadboard	full size, 840 holes with 4 power rails on both side, good quality	pcs	50	
7	copper clad	single sided, approx 12"x12", FR 1	sheet	10	
8	AC plug	Male, Plastic with screw, heavy duty, white	pcs	50	
9	AC outlet	Convenience outlet, plastic, white, 4-gang, universal, white, heavy duty with spring loaded	pcs	50	
10	extension cord	extension cord, heavy duty with voltage surge protector, a switch coupled with circuit breaker, 4 parallel outlets with grounding, approx 3 m, max capacity-2500watts	pcs	10	
11	connector	XLR audio connector, 3 contacts, male, heavy duty	pcs	20	
12	connector	XLR audio connector, 3 contacts, female, heavy duty	pcs	20	
13	connector	BNC connector, male, good quality	pcs	10	
14	connector	BNC connector, female, good quality	pcs	10	
15	connector	PL 258, male, UHF connector with RG 58 reducer	pcs	10	
16	connector	SO 239 female, UHF connector	pcs	10	
17	connector	SMA, male, good quality	pcs	20	
18	connector	SMA, male, good quality	pcs	20	
19	adapter	SMA, female to BNC female, good quality	pcs	10	
20	adapter	SMA, male to BNC female, good quality	pcs	10	
21	soldering paste	soldering paste, no corrosive, approx 50grams	pcs	5	
22	Soldering Flux	Soldering flux, clean rosin flux, lead free at least 10cc	bot	20	
23	variable resistor	potentiometer, 10 kilo ohms, small	pcs	50	
24	HDMI Cord	5 meters, braided type, heavy duty, 2-way	pcs	8	
25	HDMI Cord	HDMI 2.0, gold plated connector, 5 meters, heavy duty, 2-way	pcs	5	
26	bobbin	plastic bobbin, 1.25 x 1.25", standard	pcs	10	
27	bobbin	plastic bobbin, 1.25 x 1.5" oversize	pcs	10	
28	iron core	IE laminated iron core, standard, 1.25" center leg	kilos	3	
29	iron core	IE laminated iron core, 1.5" center leg	kilos	3	
30	wire	magnetic wire, copper, AWG #18, double coated	kilos	2	
31	wire	magnetic wire, copper, AWG #25, double coated	kilos	2	
32	wire	telephone wire, 3 core, solid wire, untwisted, #22	meters	30	

33	wire	Speaker Wires AWG#16 red/black 1.25mm 150m/spool Pure copper	spool	2		
34	UTP Cable	CAT 5E 100m good quality	box	2		
35	Drill Bits	Drill bit set 1/8"-1/2" metal drills	set	5		
36	Drill Bits	drill bits 1/32", or 0.7mm heavy duty 10pcs/pack	pack	20		
37	Drill Bits	Step Drill Bit straight groove 4-14 mm	set	6		
38	Drill Bits	Step Drill Bit straight groove 4-20 mm	set	6		
39	Drill Bits	Step Drill Bit straight groove 4-32 mm	set	7		
40	motor	servo motor for Arduino, SG 90 model, 4.8-6 volts, 60 degrees per side	pcs	10		
41	motor	servo motor for Arduino, 4.8-6 volts, 60 degrees per side, 5 KG capacity	pcs	2		
42	Connector	RJ 45 connector Heavy Duty with sleeve 100 pcs/box	box	2		
43	Cable	RG 58 coaxial cable, 50 ohms, copper, good quality, approx 100 meters	spool	1		
44	Resistor	resistor, 1 K Ω 1/2 watt	pcs	50		
45	Resistor	resistor, 2.4 K Ω 1/2 watt	pcs	50		
46	Resistor	resistor, 500 Ω 1/2 watt	pcs	50		
47	Resistor	resistor, 100 Ω 1/2 watt	pcs	50		
48	capacitor	10uF, 16v	pcs	50		
49	LED	led, super bright , 2.5 mm GREEN	pcs	100		
50	LED	led, super bright , 2.5 mm RED	pcs	100		
51	IC	IC, LM 555, 8 pin IC	pcs	100		
52	IC	IC, 4017, 16 pin IC	pcs	100		
53	Speaker	2 way Passive Speaker 100mm bass and 13 mm dome tweeter, built in crossover 100W	unit	6		
54	Bracket	Speaker wall Bracket	pcs	6		
55	Soldering Iron	100W Soldering Iron Heavy Duty	pcs	2		
56	Crimper	UTP cable - RJ45 connector crimper heavy duty	pcs	10		
57	Crimper	Multi-Connector/Terminal Crimper heavy duty	pcs	10		
58	Solder Sucker	Desoldering Pump, heavy-duty, plastic material	pcs	15		
59	Screw Driver	Phillips screw driver 8" x 1/4 Heavy duty Chrome-vanadium	pcs	20		
60	drill	mini electric drill handheld, 5v 2A, usb powered	pcs	15		
61	pliers	diagonal cuttings pliers 4", with spring, durable and good quality	pcs	30		
62	pliers	long needle nose pliers, 4", with spring, durable and good quality	pcs	30		
63	tester	multitester, upto 200M Ω resistance measurement, wprobes store in a casing	pcs	30		
64	tester	capacitor tester, digital, approx 200pF-20000uF	unit	5		
65	power supply	switching power supply, 30 Ampers, 12 volts, heavy duty with fan	unit	5		
66	Helping Hand	Soldering Helping Hand/3rd hand with magnifier	unit	15		
67	Crimper	UTP cable - RJ45 connector crimper heavy duty	pcs	10		
68	Crimper	Multi-Connector/Terminal Crimper heavy duty	pcs	10		
69	Rewinder machine	Rewinder machine, hand crank with digital display	unit	5		
70	Tube Bender	Aluminum Tube bender, 3/8" diameter, good quality	pcs	5		
71	Wire gauge	Wire gauge, (round AWG), stainless steel, good quality	pcs	5		
72	measuring tape	Measuring tape, 3 meters with lock, big, plastic casing, good quality	pcs	5		
73	Taper Reamer	Taper reamer, 3-13mm, high carbon steel, T handle, good quality	pcs	5		
74	Hammer	Hammer, Hardened steel claw with fiber glass handle	pcs	3		
75	Antenna Analyzer	Antenna Analyzer, standalone (Portable) unit 1.8-500 MHz, Cross Pointer Analog display (SWR&Impedance)	unit	1		
76	SWR Power Meter	Analog HF-VHF SWR and Power Meter, Cross needle	unit	1		
77	SWR Power Meter	Analog VHF-UHF SWR and Power Meter, Cross needle	unit	1		

78	plastic tubing	pneumatic plastic tubing, 4x0.75	meters	20		
79	cylinder	single acting cylinder, pneumatic	pcs	2		
80	cylinder	double acting cylinder, pneumatic	pcs	2		
81	control valve	one-way flow control valve, pneumatics	pcs	4		
		Delivery Period: 30 days				
