

## BOQ of Mechanical items

Sl. No.	Item with specification	Unit
1	All purpose Grease AP-3	Kg
2	Anabond gum T 666	Pcs
3	Aluminum bar 25 mm dia	kg
4	Adjustable wrench	Nos
5	Brake Oil, DoT-3	Ltrs
6	Brass Bar 25 mm dia	kg
7	Ball pein hammer	Nos
8	Centre drill, HSS, 4x10 CD type 'A'	Nos
9	Centre drill, HSS, DTVPL type 'A'	Pcs
10	Centre drill, HSS, DTVPL type 'A'	Pcs
11	Centre Punch	Nos
12	Circle cut snip	Nos
13	Clear glass for Arc welding (105x80mm)	Nos
14	Combination Plier	Nos
15	Coolant (Veedol), radiator coolant	Ltrs
16	Cotton Waste	Kg
17	Cutter wheel of cut off machine (355x28x25.4mm)	Nos
18	C-clamp	Nos
19	Concrete drill bit	Nos
20	Claw hammer	Nos
21	Cross pein hammer	Nos
22	Chisel( flat)	Pcs
23	Cutter wheel, 4"	Nos
24	Distilled water	Ltrs
25	D-Type HRC Fuse links 500 V 20A	Per pkts
26	D-Type HRC Fuse links 500 V 2A	Per pkts
27	Digital Multimeter	Nos
28	Ducco Paint (white)	Kg
29	Drill bit sharpener 2 to 12.5 mm	pcs
30	Dial Indicator set	sets
31	Ducco Putty	Kg
32	Ducco Thinner	Ltrs
33	Dust proof clear goggles	Nos.
34	Diesel	ltrs
35	Ear defender	Nos.
36	Electrode holder(light duty)	Pcs
37	Electrode holder(heavy duty)	Pcs
38	Emery Paper -40,50,60,80,100,120,200 grade)	Pcs
39	Emery tape 50mm width, (40,50,60,80,100,120,200 grade)	mts
40	Engine oil SAE 5W30	Ltrs

41	Engine Oil, 20W40	Ltrs
42	Filler rod, cu. for gas welding	kg
43	Flat head rivet (aluminium) 4mm dia, and length 10mm	Pkts
44	Flat head rivet (aluminium) 5mm dia, and length 10mm	Pkts
45	Flat head rivet (aluminium) dia 3mm and length 9mm	Pkts
46	Flexible measuring tape , 10M, plastika make	Pcs
47	Gas welding goggle	Pcs
48	Gear Oil SAE	Ltrs
49	Grinding Wheel for Pedstal grinder (Hard) Apsmate, dia 290x50mm, inner dia 32mm	Pcs
50	Grinding Wheel for Pedstal grinder (Soft) Apsmate, dia 290x50mm, inner dia 32mm	Pcs
51	Gas cutting torch	Nos
52	Gas welding torch	Nos
53	Gas welding goggle	Pcs
54	Hand glove (double dipped PVC, 12")	Pair
55	Hand Gloves, leather full	Pair
56	Hand Grinding Wheel, 4"	Pcs.
57	Hand Grinding Wheel (180 mm dia.)	Pcs.
58	HSS Boring Bar (boring tool, 300x20x6mm)	Pcs
59	HSS Boring tool 10x10x100mm	Pcs.
60	HSS Boring tool 10x10x100mm	Pcs.
61	HSS Cutting tool 8x8x100mm (Mirinda)	Pcs.
62	HSS Cutting tool10x10x100mm (Mirinda)	Pcs.
63	HSS Drill Bit 1.5mm to 6.5mm ( Straight Shank)	Set
64	HSS Drill Bit 10 mm ( Straight Shank)	Pcs.
65	HSS Drill Bit 11 mm ( Straight Shank)	Pcs.
66	HSS Drill Bit 12 mm ( Straight Shank)	Pcs.
67	HSS Drill Bit 13 mm ( Straight Shank)	Pcs.
68	HSS Drill Bit 14 mm ( Straight Shank)	Pcs.
69	HSS Drill Bit 15 mm ( Straight Shank)	Pcs.
70	HSS Drill Bit 16 mm ( Straight Shank)	Pcs.
71	HSS Drill Bit 16 mm (Taper Shank)	Pcs
72	HSS Drill Bit 17 mm (Taper Shank)	Pcs.
73	HSS Drill Bit 18 mm (Taper Shank)	Pcs.
74	HSS Drill Bit 19 mm (Taper Shank)	Pcs.
75	HSS Drill Bit 20 mm (Taper Shank)	Pcs.
76	HSS Drill Bit 21 mm (Taper Shank)	Pcs.
77	HSS Drill Bit 22 mm (Taper Shank)	Pcs.
78	HSS Drill Bit 23 mm (Taper Shank)	Pcs.
79	HSS Drill Bit 24 mm (Taper Shank)	Pcs.
80	HSS Drill Bit 25 mm (Taper Shank)	Pcs.
81	HSS Drill Bit 26 mm (Taper Shank)	Pcs
82	HSS Drill Bit 27 mm (Taper Shank)	Pcs
83	HSS Drill Bit 28 mm (Taper Shank)	Pcs

84	HSS Drill Bit 29mm (Taper Shank)	Pcs
85	HSS Drill Bit 3 mm ( Straight Shank)	Pcs
86	HSS Drill Bit 30 mm (Taper Shank)	Pcs
87	HSS Drill Bit 31 mm (Taper Shank)	Pcs
88	HSS Drill Bit 32 mm (Taper Shank)	Pcs
89	HSS Drill Bit 7 mm ( Straight Shank)	Pcs
90	HSS Drill Bit 8 mm ( Straight Shank)	Pcs
91	HSS Drill Bit 9 mm ( Straight Shank)	Pcs
92	HSS Parting tool 1/8"x3/4"x6" (Mirinda)	Pcs
93	HSS Power Saw blade 350x32x1.6mm (Mirinda)	Pcs
94	HSS Hole saw cutter bits 25 mm - 50 mm	set
95	HSS Power Saw blade, 450x40x2mm	Pcs
96	Hydraulic oil Hlp 68	Ltrs
97	Hydraulic fluid HLP 68	Ltrs
98	Lathe Tool bits, HSS (7.94x101.60mm)(5/16"sq x4")	Set
99	Lathe Tool bits, HSS (7.94x101.60mm)(5/16"sq x4")	Pcs
100	Left-hand cut offset snip	Nos.
101	M.S Angle	Kg
102	M.S Electrode Dia.2.5mm (Master)	Pkts
103	M.S Electrode Dia.3.15mm (Master)	Pkts
104	M.S Flat bar	Kg
105	M.S Hexagon bar	Kg
106	M.S Rectangular tube	Kg
107	M.S Round bar Dia.	Kg
108	M.S Sheet 4'x8'x 22 gauge	pcs
109	M.S Sheet 4'x8'x 20 gauge	Set
110	M.S Square bar	pcs
111	M.S Square tube	Kg
112	M.S. Tee	Kg
113	M.S.Tubular pipe	Kg
114	Machine Oil (Servo 63)	Ltrs
115	Measuring tape	Nos
116	Marking cloth	Mtrs
117	Mobile Oil (GL-5 80W-90)	Ltrs
118	Nylon Mallet	No.
119	PGI Sheet 4'x8'x18 gauge	Pcs
120	PGI Sheet 4'x8'X19 gauge	Pcs
121	PGI Sheet 4'x8'X22 gauge	Pcs
122	PGI Sheet 4'x8'X24 gauge	Pcs
123	PGI Sheet 4'x8'X26 gauge	Pcs
124	Pipe Wrench (Heavy Duty), 350mm	No
125	Pop rivet(aluminium), 4mm dia	Pkts
126	Petrol	ltrs

127	Putty (bilux 970 gm)	kg
128	Portable welding transformer(single phase)-Esab	Nos
129	Portable hand drilling machine	Nos
130	Potrable hand grinding machine	Nos
131	Rust Remover WD-40	Ltrs
132	Red Oxide	Ltrs
133	Right-hand cut offset snip	No.
134	Rod cutter machine	Nos
135	Soluble Oil for machining	Ltrs
136	SS Jubilee Clamp, 1"	Nos
137	SS Jubilee Clamp, 1/2"	Nos
138	Steel wire brush	Pcs
139	Steel rule(1meter,30 cm)	Pcs
140	Straight snip	Nos
141	Spark lighter (for lighting light for gas welding and cutting)	Nos
142	Synthetic HV Hydraulic Oil ISO46, code (HV 105-EA)	Pcs
143	Tungsten carbide end mill cutter 5mm to 25 mm	set
144	Threading Die, M10 (Miranda)	Pcs
145	Threading Die, M12 (Miranda)	Pcs
146	Tip cleaner(TC-12A)	Pcs
147	Try square(stainless)	Nos
148	Threading Die, M14 (Miranda)	Pcs
149	Threading Die, M16 (Miranda)	Pcs
150	Threading Die, M6 (Miranda)	Pcs
151	Threading Die, M8 (Miranda)	Pcs
152	Threading Tap, M 6 (Miranda)	Pcs
153	Threading Tap, M 8 (Miranda)	Pcs
154	Threading Tap, M10 (Miranda)	Pcs
155	Threading Tap, M12 (Miranda)	Pcs
156	Threading Tap, M14 (Miranda)	Pcs
157	Threading Tap, M16 (Miranda)	Pcs
158	Tip cleaner(TC-12A)	Pcs
159	WB Grease	Kg
160	Welding leather apron	Nos.
161	Wire gauge(SWG)	Nos
162	Welding hand shield/Hand screen	Nos
163	Welding transformer(Three Phase)-Esab	Nos
164	3D printer filament , PLA (fibReel)	Roll
165	Prusa lubricant for prusa i3mk3S	nos.
166	isopropyl alcohol for 3D printers	500ml cane
167	Sparkle advanced concentrated glass cleaner	cane 500ml

168	plywood 4 mm ( 4feet by 8 feet)	nos.
169	plywood 6 mm ( 4feet by 8 feet)	nos.
170	plywood 8 mm ( 4feet by 8 feet)	nos.
171	Acrylic sheet 3mm ( 1250 by 1850 mm)	nos.
172	acrylic sheet 4 mm ( 1250 by 1850 mm)	nos.
173	acrylic sheet 8 mm ( 1250 by 1850 mm)	nos.
174	acrylic sheet 10 mm ( 1250 by 1850 mm)	nos.
175	vinyl cutter stickers 600 mm width	Roll
176	super glue ( Gorilla brand) 300ml	cane
177	embroidery thread set box ( different colors)	set
178	laser cutting machine mirror 25mm dia for (SUNA SG1390)	nos.
179	laser cutting machine lens 20mm dia, focal length 63.5mm	nos.
180	sand paper( 60 grit, 80 grit, 100 grit, 150 grit, 200 grit, 220 grit)	nos.
181	wood polishing paste 500ml	nos.
182	paint brush set in box( sizes 5.5mm - 50mm)	set
183	3mm single flute SPF-315 CNC end mill	nos.
184	SC 4 flute coated end mill ( dia. 6mm x dia. 6mm x 15x15) PST	nos.
185	PVA glue 500 ml	cane
186	15pcs engraving CNC cutting machine router bit set for wood working with box	set
187	MDF 5 mm (4 feets by 8 feets)	nos.
188	MDF 10 mm (4 feets by 8 feets)	nos.
189	sunboard 3MM 4ft by 8 ft	nos.
190	sunboard 4MM 4ft by 8 ft	nos.
191	sunboard 8 MM 4ft by 8 ft	nos.
192	sunboard 10 MM 4ft by 8 ft	nos.
193	SEDY-32- pcs hex allen key set, metric and SAE ( 0.028-3/8 inch , 0.7-10 mm) chrome vanadium steel with 2x extension handle, L -shaped	set
194	Multi blower machine (water, vacuum cleaner, paint sprayer, air blower) , jamister brand, 6 meter extension wire with hard case or box	set
195	isopropyl alcohol for 3D printers	500ml cane
196	Sparkle advanced concentrated glass cleaner	cane 500ml
197	vinyl cutter stickers 600 mm width	Roll
198	super glue ( Gorilla brand) 300ml	cane
199	embroidery thread set box ( different colors)	set
200	laser cutting machine mirror 25mm dia for (SUNA SG1390)	nos.
201	laser cutting machine lens 20mm dia, focal length 63.5mm	nos.
202	paint brush set in box( sizes 5.5mm - 50mm)	set
203	3mm single flute SPF-315 CNC end mill	nos.
204	SC 4 flute coated end mill ( dia. 6mm x dia. 6mm x 15x15) PST	nos.
205	PVA glue 500 ml	cane
206	15pcs engraving CNC cutting machine router bit set for wood working with box	set

207	SEDY-32- pcs hex allen key set, metric and SAE ( 0.028-3/8 inch , 0.7-10 mm) chrome vanadium steel with 2x extension handle, L -shaped	set
208	Multi blower machine (water, vacuum cleaner, paint sprayer, air blower) , jamister brand, 6 meter extension wire with hard case or box	set