

JIGME NAMGYEL ENGINEERING COLLEGE**DEWATHANG : BHUTAN****Mechanical Items**

Sl. No.	Item with specification	Unit	RATE
1	Multipurpose Grease AP-3	Kg	
2	Throttle body cleaner (3M Amber-300ml)	ml	
3	Engine oil Flush (abro/mannol-300ml)	ml	
4	Car Radiator cleaner (Liqui Moly-300ml)	ml	
5	Auto seal weather stripping rubber sealing strip(EEEkit-5m/16ft)	m/ft	
6	Car Fuse (10A,15A,20A,25A,30A,35A)	pcs	
7	Engine sealant (50ml oil resistant for oil pan)	ml	
8	Anabond gum T 666	Pcs	
9	Aluminum bar 25 mm dia	kg	
10	Adjustable wrench	nos	
11	Black glass for arc welding (105x80mm)	nos	
12	Brake Fluid, DoT-3,DoT-4	Ltrs	
13	Brass Bar 25 mm dia	kg	
14	Ball pein hammer	Nos	
15	Cable heavy duty for arc welding	mtrs	
16	Cable light duty for arc welding	mtrs	
17	Centre drill, HSS, 4x10 CD type 'A'	Nos	
18	Centre drill, HSS, DTVPL type 'A'	Pcs	
19	Centre drill, HSS, DTVPL type 'A'	Pcs	
20	Centre Punch	Nos	
21	Circle cut snip	Nos	
22	Clear glass for Arc welding (105x80mm)	Nos	
23	Combination Plier	Nos	
24	Coolant (Veedol), radiator coolant	Ltrs	
25	Cotton Waste	Kg	
26	Cutter wheel of cut off machine (355x28x25.4mm)	Nos	
27	Cutter wheel, 4"	Nos	
28	C-Clamp	Nos	
29	Concrete drill bit	Nos	
30	Claw hammer	Nos	
31	Cross pein hammer	Nos	
32	Chisel (flat)	Pcs	
33	Distilled water	Ltrs	
34	D-Type HRC Fuse links 500 V 20A	Per pkts	
35	D-Type HRC Fuse links 500 V 2A	Per pkts	
36	Digital Multimeter	Nos	
37	Ducco Paint (white)	Kg	
38	Drill bit sharpener 2 to 12.5 mm	pcs	
39	Dial Indicator set	sets	

40	Ducco Putty	Kg	
41	Ducco Thinner	Ltrs	
42	Dust proof clear goggles	Nos.	
43	Ear defender	Nos.	
44	Electrode holder(light duty)	Pcs	
45	Electrode holder(heavy duty)	Pcs	
46	Earth clamp (Light duty)	Nos	
47	Earth clamp(Heavy duty)	Nos	
48	Emery Paper -40,50,60,80,100,120,200 grade)	Pcs	
49	Emery tape 50mm width, (40,50,60,80,100,120,200 grade)	mts	
50	Engine oil SAE 5w30 (Petrol)	Ltrs	
51	Engine oil filter	no	
52	Engine Oil, 15W40 (Diesel)	Ltrs	
53	Filler rod, cu. for gas welding	kg	
54	Flat head rivet (aluminium) 4mm dia, and length 10mm	Pkts	
55	Flat head rivet (aluminium) 5mm dia, and length 10mm	Pkts	
56	Flat head rivet (aluminium) dia 3mm and length 9mm	Pkts	
57	Flexible measuring tape , 10M, plastika make	Pcs	
58	Gear Oil (API-GL-4 SAE 75W-55)	Ltrs	
59	Grinding Wheel for Pedstal grinder (Hard) Apsmate, dia 290x50mm, inner dia 32mm	Pcs	
60	Grinding Wheel for Pedstal grinder (Soft) Apsmate, dia 290x50mm, inner dia 32mm	Pcs	
61	Gas cutting torch	Nos	
62	Gas welding torch	Nos	
63	Gas regulator(Oxygen)	Nos	
64	Gas regulator(Acetylene)	Nos	
65	Gas welding goggle	Pcs	
66	Hacksaw frame with plastic handle	nos	
67	Hand glove (double dipped PVC, 12")	Pair	
68	Hand Gloves, leather full	Pair	
69	Hand Grinding Wheel, 4"	Pcs.	
70	Hand Grinding Wheel (180 mm dia.)	Pcs.	
71	HSS Boring Bar (boring tool, 300x20x6mm)	Pcs	
72	HSS Boring tool 10x10x100mm	Pcs.	
73	HSS Cutting tool 8x8x100mm (Mirinda)	Pcs.	
74	HSS Cutting tool10x10x100mm (Mirinda)	Pcs.	
75	HSS Drill Bit 1.5mm to 6.5mm (Straight Shank)	Set	
76	HSS Drill Bit 10 mm (Straight Shank)	Pcs.	
77	HSS Drill Bit 11 mm (Straight Shank)	Pcs.	
78	HSS Drill Bit 12 mm (Straight Shank)	Pcs.	
79	HSS Drill Bit 13 mm (Straight Shank)	Pcs.	
80	HSS Drill Bit 14 mm (Straight Shank)	Pcs.	

81	HSS Drill Bit 15 mm (Straight Shank)	Pcs.	
82	HSS Drill Bit 16 mm (Straight Shank)	Pcs.	
83	HSS Drill Bit 16 mm (Taper Shank)	Pcs	
84	HSS Drill Bit 17 mm (Taper Shank)	Pcs.	
85	HSS Drill Bit 18 mm (Taper Shank)	Pcs.	
86	HSS Drill Bit 19 mm (Taper Shank)	Pcs.	
87	HSS Drill Bit 20 mm (Taper Shank)	Pcs.	
88	HSS Drill Bit 21 mm (Taper Shank)	Pcs.	
89	HSS Drill Bit 22 mm (Taper Shank)	Pcs.	
90	HSS Drill Bit 23 mm (Taper Shank)	Pcs.	
91	HSS Drill Bit 24 mm (Taper Shank)	Pcs.	
92	HSS Drill Bit 25 mm (Taper Shank)	Pcs.	
93	HSS Drill Bit 26 mm (Taper Shank)	Pcs	
94	HSS Drill Bit 27 mm (Taper Shank)	Pcs	
95	HSS Drill Bit 28 mm (Taper Shank)	Pcs	
96	HSS Drill Bit 29mm (Taper Shank)	Pcs	
97	HSS Drill Bit 3 mm (Straight Shank)	Pcs	
98	HSS Drill Bit 30 mm (Taper Shank)	Pcs	
99	HSS Drill Bit 31 mm (Taper Shank)	Pcs	
100	HSS Drill Bit 32 mm (Taper Shank)	Pcs	
101	HSS Drill Bit 7 mm (Straight Shank)	Pcs	
102	HSS Drill Bit 8 mm (Straight Shank)	Pcs	
103	HSS Drill Bit 9 mm (Straight Shank)	Pcs	
104	HSS Parting tool 1/8"x3/4"x6" (Mirinda)	Pcs	
105	HSS Power Saw blade 350x32x1.6mm (Mirinda)	Pcs	
106	HSS Hole saw cutter bits 25 mm - 50 mm	set	
107	HSS Power Saw blade, 450x40x2mm	Pcs	
108	Hydraulic oil Hlp 68	Ltrs	
109	Hydraulic Fluid Hlp 68	Ltrs	
110	Lathe Tool bits, HSS (7.94x101.60mm)(5/16"sq x4")	Set	
111	Lathe Tool bits, HSS (7.94x101.60mm)(5/16"sq x4")	Pcs	
112	Left-hand snip	Nos.	
113	Lugs	Pcs	
114	Mig welding filler rod/wire	kg	
115	M.S Angle	Kg	
116	M.S Electrode Dia.2.5mm (Master)	Pkts	
117	M.S Electrode Dia.3.15mm (Master)	Pkts	
118	M.S Flat bar	Kg	
119	M.S Hexagon bar	Kg	
120	M.S Rectangular tube	Kg	
121	M.S Round bar Dia.	Kg	
122	M.S Sheet 4'x8'x 24 gauge	Kg	
123	M.S Sheet 4'x8'x 22 gauge	kg	
124	M.S Sheet 4'x8'x 20 gauge	kg	

125	M.S Square bar	kg	
126	M.S Square tube 20x20x2mm,25x25x2mm,30x30x2mm	Kg	
127	M.S. Tee	Kg	
128	M.S.Tubular pipe	Kg	
129	Machine Oil (Servo 63)	Ltrs	
130	Measuring Tape 5 mtrs	nos	
131	Measuring tape 10 mtrs	nos	
132	Marking Cloth	mtrs	
133	Mobile Oil (GL-5 80W-90	Ltrs	
134	Nylon Mallet	No.	
135	Open spanner	Set	
136	Ring spanner	Set	
137	PGI Sheet 4'x8'x18 gauge	kg	
138	PGI Sheet 4'x8'X19 gauge	Kg	
139	PGI Sheet 4'x8'X22 gauge	kg	
140	PGI Sheet 4'x8'X24 gauge	kg	
141	PGI Sheet 4'x8'X26 gauge	kg	
142	Plastic mallet/hammer	nos	
143	Pipe Wrench (Heavy Duty), 350mm	No	
144	Pop rivet(aluminium), 4mm dia	Pkts	
145	Putty (bilux 970 gm)	kg	
146	Protable welding transformer (single phase)-Esab	nos	
147	Protable hand drilling machine(4 inch)	nos	
148	Potrable hand griding machine(180 mmm dia)	nos	
149	Rust Remover WD-40	ltrs	
150	Riveting hammer	nos	
151	Red Oxide	Ltrs	
152	Right-hand snip	No.	
153	Rod cutter machine	nos	
154	Soluble Oil for machining	Ltrs	
155	SS Jubilee Clamp, 1"	Nos	
156	SS Jubilee Clamp, 1/2"	Nos	
157	Steel wire brush	Pcs	
158	Stell rule (1 meter, 30 cm)	Pcs	
159	Scriber(double ended)	Nos	
160	Straight snip	Nos	
161	Spark lighter (for lighting for gas welding and cutting)	Nos	
162	Synthetic HV Hydraulic Oil ISO46, code (HV 105-EA)	Pcs	
163	Tungsten carbide end mill cutter 5mm to 25 mm	set	
164	Threading Die, M10 (Miranda)	Pcs	
165	Threading Die, M12 (Miranda)	Pcs	
166	Threading Die, M14 (Miranda)	Pcs	

167	Threading Die, M16 (Miranda)	Pcs	
168	Threading Die, M6 (Miranda)	Pcs	
169	Threading Die, M8 (Miranda)	Pcs	
170	Threading Tap, M 6 (Miranda)	Pcs	
171	Threading Tap, M 8 (Miranda)	Pcs	
172	Threading Tap, M10 (Miranda)	Pcs	
173	Threading Tap, M12 (Miranda)	Pcs	
174	Threading Tap, M14 (Miranda)	Pcs	
175	Threading Tap, M16 (Miranda)	Pcs	
176	Tip cleaner(TC-12A)	Pcs	
177	TRY SQUARE (stainless)	nos	
178	WB Grease	Kg	
179	Welding leather apron	Nos.	
180	Wire gauge(SWG)	Nos	
181	Welding transformer(Three Phase)-Esab	Nos	
182	3D printer filament , PLA (fibReel)	Roll	
183	Prusa lubricant for prusa i3mk3S	nos.	
184	isopropyl alcohol for 3D printers	500ml cane	
185	Sparkle advanced concentrated glass cleaner	500ml cane	
186	Acrylic sheet 3mm (1250 by 1850 mm)	nos.	
187	acrylic sheet 4 mm (1250 by 1850 mm)	nos.	
188	acrylic sheet 8 mm (1250 by 1850 mm)	nos.	
189	acrylic sheet 10 mm (1250 by 1850 mm)	nos.	
190	vinyl cutter stickers 600 mm width	Roll	
191	super glue (Gorilla brand) 300ml	cane	
192	embroidery thread set box (different colors)	set	
193	laser cutting machine mirror 25mm dia for (SUNA SG1390)	nos.	
194	laser cutting machine lens 20mm dia, focal length 63.5mm	nos.	
195	wood polishing paste 500ml	nos.	
196	paint brush set in box(sizes 5.5mm - 50mm)	set	
197	3mm single flute SPF-315 CNC end mill	nos.	
198	SC 4 flute coated end mill (dia. 6mm x dia. 6mm x 15x15) PST	nos.	
199	PVA glue 500 ml	cane	
200	15pcs engraving CNC cutting machine router bit set for wood working with box	set	
201	MDF 5 mm (4 feets by 8 feets)	nos.	
202	MDF 10 mm (4 feets by 8 feets)	nos.	
203	sunboard 3MM 4ft by 8 ft	nos.	
204	sunboard 4MM 4ft by 8 ft	nos.	

205	sunboard 8 MM 4ft by 8 ft	nos.	
206	sunboard 10 MM 4ft by 8 ft	nos.	
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	
209	isopropyl alcohol for 3D printers	500ml cane	
210	Sparkle advanced concentrated glass cleaner	500ml cane	
211	vinyl cutter stickers 600 mm width	Roll	
212	super glue (Gorilla brand) 300ml	cane	
213	embroidery thread set box (different colors)	set	
214	laser cutting machine mirror 25mm dia for (SUNA SG1390)	nos.	
215	laser cutting machine lens 20mm dia, focal length 63.5mm	nos.	
216	3mm single flute SPF-315 CNC end mill	nos.	
217	SC 4 flute coated end mill (dia. 6mm x dia. 6mm x 15x15) PST	nos.	
218	PVA glue 500 ml	cane	
219	15pcs engraving CNC cutting machine router bit set for wood working with box	set	
220	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	
221	Multi blower machine (water, vacuum cleaner, paint sprayer, air blower) , jamister brand, 6 meter extension wire with hard case or box	set	
222	Mig welding spool ER70S-6 for mild steel(wire diameter 0.8	roll of 5 kgs	
223	Mid welding spool ER308L,309L or ER316L for stainless steel	roll of 5 kgs	
224	Tungsten tig welding electrode(1mm to 6 mm Dia.) red and grey	Pkt of 10 pcs	
225	Light weight portable plasma cutter machine accessories wiith electrode nozzle for cut-40 for LGK-40 for cut -50	3 item 5 pcs each	
226	Auto darkening welding helmet	Pcs	
227	CUT 40 plasma cutter torch air cooled plasma cutting complete set with 3-5mtrs,feet cut 40 plasma welding machince torch	Set	

228	Oxygyen sensor cleaner (250 ml)	pcs	
229	Push type retainer clips	pcs	
230	Plastic trim fastener clips	pcs	
231	Rubber strips repair strings (tubless tyre)	pks	
232	Valve core	pcs	
233	Valve core remover tools	pcs	
234	Automotive mushroom plug patch (tyre repair)	pkts	
235	rubber roof seal	mtrs	
236	Tube Solution/adhesive rubber solution.	pkts	
237	Corded light duty hand drill(BOSC)	Nos	
238	Earth clamp (Light duty)	Nos	
239	Earth clamp(Heavy duty)	Nos	
240	Left-hand snip	Nos.	
241	Lugs	Pcs	