

Name of the Trade		Draftsman Civil		
S.No.	Name of the item	Std List No.	Type of the item (Tool / Equipment /	Specifications
(i)	(ii)	(iii)	(iv)	(v)
A. TRAINEES TOOL KIT FOR 20 TRAINEES AND ONE INSTRUCTOR				
1	Box drawing instrument containing one 15 cm compass with pin point, pin point & lengthening bar, one pair spring bows, rotating compass with interchangeable ink and pencil points, drawing pens with plain point & cross point, screw driver and box of leads.(0.2,0.3,0.4 mm).		Tool	containing one 15 cm compass chromium plated with pin point, pin point & lengthening bar, one pair spring bows, rotating compass with interchangeable ink and pencil points, drawing pens with plain point & cross point, screw driver and box of leads.(0.2,0.3,0.4 mm).
2	Protractor celluloid 15 cm semi- circular.	2	Tool	celluloid 15 cm semi- circular.
3	Scale card board- metric set of eight A to H in a box 1: 1,1:2, 1:2:5, 1: 5, 1:10, 1:20, 1:50, 1:100,1:200, 1:500, 1:1000,1:2000,1:1250,1:6000, 1:38 1/3, 1:66	3	Tool	metric set of eight A to H in a box 1: 1,1:2, 1:2:5 , 1: 5, 1:10, 1:20, 1:50, 1:100,1:200, 1:500, 1:1000,1:2000,1:1250
4	Scales plotting box wood 6 metric scales 30 cms long with offset scales	4	Tool	wood 6 metric scales 30 cms long with offset scales.
5	Set square transparent 20 cm, 2 mm thick with bevelled edges 45 degree .	5	Tool	transparent 20 cm, 2 mm thick with bevelled edges 45 degree .
6	Set square celluloid 25 cm,2mm thick with bevelled edges 60 degree.		Tool	celluloid 25 cm,2mm thick with bevelled edges 60 degree.
7	Board drawing 1250mmx900mmx 20mm with stand & draughtsman stool	7	Equipment	drawingBoard 1250mmx900mmx 20mm seasoned wood
	Draughtsman table/stand		furniture	as per drawing
	Draughtsman stool		furniture	14" x 14" x 30" wooden or with wooden Top
8	T-Square 1250mm/Mini drafter/ Parallel Bar	8	Tool	Parallel Bar celluloid
9	Template –Architects and builders	9	Tool	Made of P.V.C sheet 2mm thick
B. GENERAL MACHINERY SHOP OUTFIT:				
10	Geometrical models(wooden/plastic) as per given below: i) Cube 08 cm sides. ii) Rectangular parallel piped 8cmX15cm iii) Sphere 8cm dia. iv) Right circular cone 8 cm dia base and 15 cm vertical height v) Square pyramid 8cm side base and 15 cm vertical height vi) Cylinder 8 cm dia. 15 cm height. vii) Prisms triangular 8 cm sides triangle and 15 cm length. viii) Prism hexagonal 8 cm side's hexagon and 15 lengths	1	MACHINERY	wooden/plastic i) Cube 08 cm sides. ii) Rectangular parallel piped 8cmX15cm iii) Sphere 8cm dia. iv) Right circular cone 8 cm dia base and 15 cm vertical height v) Square pyramid 8cm side base and 15 cm vertical height vi) Cylinder 8 cm dia. 15 cm height. vii) Prisms triangular 8 cm sides triangle and 15 cm length. viii) Prism hexagonal 8 cm side's hexagon and 15 lengths
11	Templates – Circle, Ellipse, furniture, etc.	2	MACHINERY	Circle, Ellipse, furniture, etc.

12	French curves - transparent plastic set of 12	3	MACHINERY	transparent plastic set of 12
13	Flexible curves 80 cm long	4	MACHINERY	80 cm long
14	Radius curve metric 3 mm to 15 mm	5	MACHINERY	metric 3 mm to 15 mm
15	Brass parallel rulers in a case	6	MACHINERY	450 mm
16	Calculator Scientific (Non-programmable)	7	MACHINERY	Scientific (Non-programmable)
17	Digital Planimeter.	8	MACHINERY	Planimeter (digital) Type Roller Type With Computing Functions. Disply Symbol 8 Digit, 10- Symbol Balt- E, Scale, Memo, Hold CM2, M2, Km, IN2, FT2, Acre, Convert Function Unit & Scale Value Accumulated Max. 10M2(scale 1:1) Measuring Value Max. Verticle width: 325, Accuracy Within 0.2 (within 2/1000 Pulse) With Built in nicd batery rechargeable by AC adapter. having minimum 30 hours continue battery back up.
18	Proportional dividers 15 cm	9	MACHINERY	15 cm chromium plated

C. LIST OF SURVEYING INSTRUMENTS

19	Steel tape 30 meters long.	1	Equipment	30 meters long. In a leather / pvc case
20	Digital Theodolite latest model With all accessories	2	Equipment	latest model With all accessories (Features:-Based on laser technology, Two large LCD panel with easy to read ,Automatically compensates tilt in two direction and compensates vertical angles. High integrated electronic board and IC elements)
21	Instrument for Total Station with latest model,	3	Equipment	Instrument for Total Station with latest model, With all accessories (Graphic LCD display on both side. Multy function key board on both side. Able to interchange data between GPS and Total station without any data conversion. Minimum 8 hours rechargeable li-ion battery .Poles and Prism 2Nos each)
22	Hand held GPS (latest model) with standard specification	4	Equipment	GPS 60 with battery charger ,AC adaptor USB Download port & Software. High sensitiviity receiver Base map Water proof USB interface Built in memory accept data card way points /etc Routes 200 Track log 10,000 points Altimater, compass, hunt fish calender ,sun & moon information. tide tables, Area calculation Dimensions 16.0 X 6.1 X 3.6 cm Battery type /life 2 x AA 20 hours weight approx 260 g
22	Auto level With all accessories	5	Equipment	Stand ,staff etc

D. LIST OF TOOLS & EQUIPMENTS

23	Personal computer with latest configuration min. 19 inch LED Screen and graphic card with latest operating system.	1	Equipment	Latest Model available
24	Laptop with latest configuration	2	Equipment	Latest Model available
25	Plotter A1 size	3	Equipment	Latest Model available

26	Printer (Desk jet / Laser jet) with scanner (multipurpose)	4	Equipment	A3 size scanner
27	Server work station with latest configuration	5	Equipment	Latest Model available
28	Broad Band connection	6	Equipment	
29	UPS 5 KV	7	Equipment	backup 20 Min.
30	Computer Table	8	Equipment	Standrad available size
31	Computer Chair.	9	Equipment	Standrad available size
32	Furniture for server, printer, plotter	10	Equipment	Standrad available size
33	White Board (6' x 4')	11	Equipment	6' x 4' ft
34	DLP Projector (2000 lumens or higher)	12	Equipment	Latest Model available
35	First Aid Box	13	Equipment	Basic Medicines& bandage, cotton etc.
36	Screen for Projector (motorized)	14	Equipment	Motorized screen required
37	Fire Extinguisher	15	Equipment	Foam based Cylinder type
38	Air Conditioner 2.0 Ton	16	Equipment	2.0 Ton split type, Min three star rating
39	Wall Clock	17	Equipment	Digital Display Date Time & Temprature
40	Document Camera / Visualiser	18	Equipment	Latest Model available
41	Smart Board / Inter Active Board	19	Equipment	Latest Model available
42	CCTV CAMERA	20	Equipment	Latest Model available
43	Steel Cupboard 180 x 90 x 45 cm	21	Equipment	Size 180 x 90 x 45 cm
44	Steel Cupboard 120 x 60 x 45 cm	22	Equipment	Size 120 x 60 x 45 cm
45	Book Shelf	23	Equipment	Standrad size

E. LIST OF FURNITURE

46	Trainer's / Instructor's table (big size full secretariat) (6 feet x 4 feet)	1	FURNITURE	6 feet x 4 feet
47	Chair for Trainer / Instructor	2	FURNITURE	chairs armless
48	Class room chairs (armless)/Dual Desk	3	FURNITURE	with arms
49	Class room table (armless) / Dual desk	4	FURNITURE	for two trainees wooden seat with metalic frame.48"x14"x30" (Desk) , Stool 48"x12"x18"
50	Almirah steel (major) 6' / higher	5	FURNITURE	195 x90 x 48 cm outer sheet 20 SWG inner partition with four selves of 22Swg