

TRADE-SURVEYOR

List of Tools & Equipments for the trade of Surveyor under CTS

A. Trainee's Kit for 20 Trainees and One Instructor

Sl. No.	Description	Quantity
1.	Engineering Instrument Box	21
2.	Protractor 15 cm full circular	21
3.	Card board/ plastic metric scale set- A to H	21
4.	Diagonal scale, electroplated	10
5.	Celluloid set square 45° & 60°	21 each
6.	T square 1250 mm/ Mini drafter	21
7.	Erasing shield small size	10
8.	Architect's & builder's template	10
9.	Chisel- steel 80 mm blade	10
10.	Drawing machine (Horizontal type)	21
11.	French curve- set of 12	10
12.	Metallic tape 15 m	21

B. General Outfit

Sl. No.	Description	Quantity
1	Abney level	1
2	Ammonia printing box	1
3	Box sextant	2
4	Boning rod	1
5	Binocular	4
8	Celon ghat tracer	21 boxes
9	Scientific calculator	21
10	Computing scales two hectares	4
11	Computing scales five hectares	4
12	Card board scales-box of 8	4
13	Wooden cross staff- box type	2
14	Wooden cross staff- open type	2
17	Engineer's chain	21
18	Engineer's level	6
19	Dumpy level	6
20	Cokes reversible level	2
21	Tilting level	1
22	Ferro printing frame 450 x 600 mm	1
23	Ferro printing frame 800 x 600 mm	1
24	Fire extinguisher	1
25	Gunter's chain	2
26	Hand press for numbering & lettering	5
27	Canvass bag	1
28	Height indicators	8
29	Hold all canvas for instruments	8
30	Hones in case	8
33	Tracing board with lamp	2
34	Leveling staff	5
35	Metric chain- 30 m & 20 m	6 each

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38	Metal tubes for keeping drawings	2
39	Pen knife	8
40	Pentagraph	2
41	Prismatic compass	3
42	Planimeter (digital)	21
43	Proportionate compass	21
44	Plane table with stand & water proof cover	6
45	Alidade	5
46	Trough compass	5
47	Plumbing fork with bob	8
48	Telescopic alidade	8
49	Indian pattern clinometers	8
50	Ranging rod 4 m	10
51	Offset rod	40
52	Optical square	5
53	Railway curve	4
56	Survey plating scale with offset bits	1
57	Stencil set	21
58	Substance bar	2
59	Tapes	10
60	Metallic tape 30 m	10
61	Metallic tape 60 m	10
62	Steel tape 30 m	10
63	Steel band 30 m & 20 m	3 each
64	T Square	2
65	Surveyor's umbrella	21
66	Theodolite transit	8
67	Micrometer Theodolite transit	5
68	Traverse staff	1
69	Rules ebonite plain for drawing lines	1
70	Zinc tray	21
71	Wooden set square, T square & Compass (for chalk board)	1 each