

**J. T. MAHAJAN POLYTECHNIC, FAIZPUR.**

Department of Mechanical Engineering.

**Name of Laboratory: -Metrology and Quality Control.****Built Up Area 110.85 sqm**

Sr.No	Description of items	Qty	Cost
1	Steel Rule 12"/300 mm Indian make	01	28/-
2	Hand caliper spring inside spring 8"/200 mm	01	32/-
3	Steel rule 6"/150 mm	01	12/-
4	Hand caliper spring outside spring 8"/200 mm	01	32/-
5	Angle plate CI, Slotted 125x112x150mm	01	1,200/-
6	Radius gauge set 1 to 25mm imported	01	500/-
7	Filler gauge set 0.05mm- 1mm length 100mm Indian make	01	250/-
8	Pitch gauge set mm & inch set of 2 pcs German make	01	600/-
9	Precision spirit level sensitivity 0.02mm mm/mtr.k 150 mm	01	3,200/-
10	Combination square set complete set 300mm / 12" china make	01	1,900/-
11	Straight edge 600mm Indian make	01	1,200/-
12	Universal surface gauge 300mm/ 12" Indian make	01	290/-
13	Engineer square Indian make 6"/ 150mm	01	125/-
14	Vernier calliper precision 6"/150mm LC 0.02mm Mitutoyo	01	1,475/-
15	Vernier height gauge LC 0.02mm / .001" with std Acc In box 12"/300mm China make	01	2,400/-
16	Internal micrometer set 50-200mm LC 0.01mm Mitutoyo make	01	5,900/-
17	External micrometer 0-25mm Mitutoyo make	01	1,000/-
18	Micrometer depth gauge LC 0.01mm 0-25mm Mitutoyo make	01	3,500/-
19	Slip gauge set china make 112 Pcs	01	6,000/-
20	Bevel protractor Vernier Mitutoyo make	01	8,850/-
21	Screw thread micrometer set with interchangeable tips set in box 0-25mm LC 0.01mm China make	01	2,500/-
22	Dial indicator plunger .01mm with magnetic stand Mitutoyo make	01	3,200/-
23	Mitutoyo make Digital surface roughness tester model 178-923E Inch/MM with std accessories	01	64,000/-

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24	Portable printer data processor model DP-1 DX with cable etc	01	21,000/-
25	Connecting cable for surface tester Mitutoyo make	01	4,200/-
26	Gear tooth Vernier calliper 1-26mm LC 0.02mm commercial quality china make	01	2,800/-
27	Flange micrometer LC .01mm 0-25mm Mitutoyo make	01	4,300/-
28	McLeod gauge Indian make	01	9,500/-
29	Rotameter with fluid source pipe line, valve & container std rang capacity Indian make	01	2,800/-
30	Non contact infrared thermometer laser marker, portable digital range 20 to 500 <sup>0</sup> c with Battery & manual box	01	5,000/-
31	Portable digital stroboscope	01	12,550/-
32	Dead weight pressure gauge accuracy +/- 0.25% with std accessories manual in box cap/ range upto 600 Kg cm <sup>2</sup> Indian make	01	40,000/-
33	Precision tool maker microscope Indian makes MAG 30x150x150mm X & Y with micrometer head.	01	38,000/-
34	Optical profile projector screen DIA 200mm MAG 50x Indian make DIA 300mm	01	45,000/-
35	Auto collimeter with std acc manual in box	01	50,000/-
36	Floating carriage micrometer std set commercial quality Indian make 0-75mm with std acc	01	40,000/-
37	Pneumatic comparator dial analogue reading LC 0.001mm with std fittings Indian make	01	45,000/-
38	Sine bar std 200mm Indian make	01	1,300/-
39	Mechanical lathe tool force dynamometer Indian make	01	32,000/-
40	Surface plate	01	750/-
41	Optical flats with monochromatic surface	01	6,828/-
42	Precision V- block	01	302/-
43	Micrometer 0-50mm	01	643.53/-
44	Micrometer 50-75mm	01	548.45/-
		Total	559922=00