

# Mahendra Adarsha Secondary School

Musikot-7, Wamtar, Gulmi

## Bills of Quantity

PP05/2080/081: Purchase of Technical Laboratory Items

SN	Particular	Specifications	Quantity	Unit	Unit Cost	Total	Remarks
1	Fiberglass Measuring Tape	Fiberglass measuring tape	5	Nos			
		Length: 50m					
		Made up of Nylon Material					
2	Safety Jacket	Green coloured	25	Nos			
		Executive jacket with chain and pockets and reflecting tape					
3	White Helmet	Safety Helmet HSH209	20	Nos			
4	Digital Vernier Caliper	6 Inch 0-150mm Measuring Tool Stainless Steel, Digital Vernier Caliper with accuracy 0.01 mm	3	Nos			
5	Spring Balance	Spring Balance Round 10kg /100N (Metal)	3	Nos			
6	Digital Balance	20kg Capacity and should have at least one year warranty	1	Nos			
7	Universal Force Table	Universal force table (60cm diameter) with five pulleys, fibre Strings, 12 slotted weight of 50gm	1	Set			
8	Bending Moment Apparatus	Beam - 1 m span with supports.	1	Set			
		Bending moment & Shear force measurement arrangement.					
		Spirit level to restore the loaded beam to original position.					
		Weight set with loading hangers.					
9	Beam Reaction Force Apparatus	Stainless Steel Beam with all appertunances of set up	1	Set			
10	Inclined Plane Friction Apparatus	Inclined plane Friction Apparatus	1	Set			

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SN	Particular	Specifications	Quantity	Unit	Unit Cost	Total	Remarks
11	Tripod of Compass in Compass Survey	Tripod of Compass Survey	2	Nos			
12	GPS machine	Wireless Communication: Yes OS Compatibility: Windows, Mac Display Size: 2.2 x 1.4 inches Screen Pixels: 240 x 160 Visual Map Display: Yes Colour Screen: Yes Internal Memory: 4 GB internal/expandable microSD card slot Compass: Yes Altimeter: Pressure-based Position Accuracy: 3 meters Battery Type: Lithium	1	Nos			GPS Garmin MAP 64s
13	Venturi Meter with U-tube Manometer	Stainless Steel Venturi meter and U-tube Mercury Manometer for laboratory	1	Set			
Physics							
14	Battery of unknown emf. cell	Use in potentiometer	2	Pcs			
15	Tuning fork	Five different frequency	5	Nos			
16	Resonance Tube Experiment		1	Set			
17	DC Converter		2	Nos			
18	Connecting wire with fiber cover		20	Pcs			
19	Magnet of deflection magnetometer		3	Pcs			

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20	Viscosity measuring apparatus	All Apparatuses: Graduated Measuring Cylinder setup and Glycerine 3 litre	1	Set			
Chemistry							
20	Pestle + Mortar Grinding		3	Set			
21	Chemicals: FeSO <sub>4</sub>		1	Btl			
22	Chemical: Organic Sample (Other than Urea)		1	Btl			
23	Burner Pipe	With two gas pipe divider	5	m			
24	Dropper		1	Pkt			
		Total					
		Vat 13 %					
		G. TOTAL					
		In Words including Vat					
		Signature					
	Seal	Date					