

**JAWAHAR NAVODAYA VIDYALAYA, BIRAOULI, SAMASTIPUR**  
**TENDER PAPER FOR THE YEAR 2018-19**

**LIST OF Math's Lab**

S. N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	Set of 12 Geometrical Figures 5x10 cms			
02.	Fibre Dummy Clock for teaching reading of Time on a Clock			
03.	Hollow Sphere (Transparent)			
04.	Hollow Cylinder (Transparent)			
05.	Volume Relation between Cone and Cylinder			
06.	Combination of Cube and Sphere (Transparent)			
07.	Base and Place Value Kit			
08.	Roman Number Kit (Group Activity)			
09.	Triangle Kit (Group Activity set of 5 kit)			

**Physics Lab :-**

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01	Resonance Tube			
02.	Tuning Fork			
03.	Sonometer			
04.	Standard Resistance (Colour coded), capacitance, diode.			
05.	Transistor(n-p-n & p-n-p)			
06.	Transistor Characteristics Experimental Kit			
07.	Meter Bridge			
08.	Battery Eliminator			
09.	Spherometer			
10.	H.T. Power supply			
11.	Screw gauge			
12.	Vernier Callipers			

S. N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
13.	Stop watch			
14.	Multimeter			
15.	Spectrometer			
16.	Traveling Microscope			
17.	Extension Board			
18.	Wire cutter + Connecting wire			
19.	Meter Bridge (Lactanche cell)			
20.	Ohm's law Exp. Kit			
21.	Metallic bobs			
22.	Milli Ammeter (With Stand) - Omege, Pico			
23.	Milli Voltmeter (With Stand) - Omege, Pico			
24.	Galvano meter (With Stand) - Omege, Pico			
25.	Magneti Compas Neodle - Omege, Pico			
26.	Glass Prism - Omege, Pico			
27.	Stop Clock - Omege, Pico			
28.	Spherometer - Omege, Pico			
29.	Drawing Board - Omege, Pico			
30.	Bar Magnets - Omege, Pico			
31.	Plane Glass Sheet - Omege, Pico			

## Chemistry Lab :-

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	Cobalt Nitrate			
02.	Glycerin			
03.	Sodium Bromide			
04.	Stickers for reagent			
05.	Lab Fuel (M.Spint)			

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
06.	Litmus Paper Blue			
07.	Litmus Paper Red			
08.	Filter Paper			
09.	Fehling Solution			
10.	Sodium Metal			
11.	Acetone			
12.	Acetic acid			
13.	Lead Acetate			
14.	Silver Nitrate			
15.	Glass tube			
16.	Acetic Acid (BDH)			
17.	Ammonium Chloride (BDH)			
18.	Ammonium Carbonate (BDH)			
19.	Mohar Salt (BDH)			
20.	Cooper Sulphate (BDH)			
21.	Calcium Carbonate (BDH)			
22.	Ferrous Sulphate (BDH)			
23.	Ferrous Sulphide (BDH)			
24.	Sodium Hydroxide (BDH)			
25.	Sodium Bicarbonate (BDH)			
26.	Silver Nitrate 100 gm. (BDH)			
27.	Zinc Metal (BDH)			
28.	Starch Soluble (BDH)			
29.	Bismuth Nitrate (BDH)			

**Bio Lab :-**

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	Acetone Solution			

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
02.	Benedict's Solution			
03.	Acetic Acid			
04.	Burnet Reagent			
05.	Boric Acid			
06.	Barium Sulphate			
07.	Benzene			
08.	Calcium Nitrate			
09.	Cobalt Chloride			
10.	Chloroform			
11.	Chromatographic Paper			
12.	Cotton			
13.	Ethyl Alcohols			
14.	Ether			
15.	Fehling Solution-A			
16.	Fehling Solution-B			
17.	Potassium Chloride			
18.	Potassium Hydroxide			
19.	Petroleum Ether			
20.	Potassium Nitrate			
21.	PH Indicator Strips			
22.	Robert's Solution			
23.	Safranine			
24.	Sucrose			
25.	Sodium Chloride			
26.	Sudan iii			
27.	Sodium Hydroxide			
28.	Starch			
29.	Sodium Hypobromide			

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
30.	Smith's Reagent			
31.	Sulphosylyclic Acid			
32.	Permanent Slide			
33.	Mitosis All Stages			
34.	Meisis All Stages			
35.	Life Cycle of Silk Moth			
36.	Life Cycle of frog			
37.	Lac Insect			
38.	Mamalian cartiledge			
39.	Mamalian Bone			

### Equipment

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	Crucible			
02.	Capillary Tube			
03.	Gooch Crucible Chemicals			

### Permanent Slides (one each)

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	Amoeba Binary Fission			
02.	Blastula Stage			
03.	Cardiac Muscles			
04.	Collenchymas Plant Tissue			
05.	Epithelial Tissue Animal			

S.N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
06.	Hydra Budding			
07.	Nervous Tissue/Neuron			
08.	Spirogyra plant (algae)			
09.	Starch test kit			
10.	Al turning			

**Name of firm /Party:** .....

**Address:** .....

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**(Signature of Tenderer & Seal**

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**LIST OF Ro Plant (Water filtration)**

S. N	List of Items	Unit	Rate (including all taxes)	
			In Words	In Figure
01.	RO Plant water filtration 200 lit per Horse With installation			
02.	Automatic RO Water Plant BMacse Enterprises			
03.				
04.				
05.				
06.				
07.				
08.				
09.				

**Name of firm /Party: .....**

**Address: .....**

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**(Signature of Tenderer & Seal**