# G. Equipment

# **Department of Physics**

SI.	Name of Items	Qty.	Rate	Total	Justification
No.			1 1 No.	Amount	T4 :-
1.	Newton's Ring Microscope apparatus (Ajanta)-	3	22500		It is
or company	We NATIONAL SCIENTIFIC APPARATUS WORKS				imperative
100	are well-established as one of the trusted Newton's	,		100	for College
4	Ring Standard Microscope Manufacturers in India. The Newton's Ring Microscope offered by us is				to have the
4	extensively demanded in the market as no	l .	17.545		latest and
	alternative is available in terms id quality and				high quality
	performance. Moreover, some of the key features			3	science lab
	of the Newton's Ring Apparatus, offered by us, are				supplies
	as mentioned below: Compact instrument with full			14	these days.
	arrangements for conducting Newton's Ring				
	experiment. A standard microscope unit with 30x		*.	<u>(</u> )	Effective
	magnification and rotatable cross line eye piece.	-	5.5	75 T 10	teaching and
	Focusing of microscope is through Rack and		-	7	learning of
	Pinion. Longitudinal movement of 26 mm is done		13	2. 2.	science
	by rotating the drum provided which reads up to	4	elección superior	- 5.3500	involves
	0.001cm. Complete with optical glass and convex	1	300°		seeing,
1	lens inside a metal case. Packed in a sturdy	1		The state of the s	handling,
2	wooden box along with all standard accessories. Beware Of Duplicate, low Quality Products. Buy			14-	and
2	Only From National Scientific Apparatus Works			67500	manipulating
4	Store.				
1 2	Travelling Microscope (Ajanta)- Travelling	3	18500		real objects
	microscope customers vernier reading microscope		10000		and
	or travelling microscope. 0.1 mm, horizontal scale				materials.
	is graduated up to 20 cm, vertical scale is	1.43	<u> </u>		The
	graduated up to 15 cms, cast iron heavy bed with	9.0	-1		knowledge
	brass leveling screws,10 x remsdon eye piece,	- 2			ihai-students
Ÿ.	achromatic objective with f.l. 50-75 mm, vertical	* *			attain in
	and horizontal slide can be clamped at any	1.14		1 1 1	classrooms
	position, the images represent actual product	1.2	9. 4	55500	would be
	though color of the image and product may slightly differ.		\$	55500	ineffectual
3.	Spectrometer 7" with Bi Prism (Ajanta)-	2	24000		unless they
	Laboratory Spectrometer offered by us are	-	2-1000		
	extensively demanded in the market due to its	. iş	(i) (i)	-	actually
	robust structure that includes telescope &	1.00	di e		observe the
	collimator that have fine rack & pinion motion and			-	process and
	are mounted on a stable heavy C. I. base with three	3			understand
	leveling screws. Customers are eased with the				the
	availability of the Student Spectrometer in Brass	. 2			relationship
	and Stainless Steel Scale in both the sizes of 15.0			48000	between
	cm (6") and 17.5 cm (7") of protected circle.				action and
4.	Polarimeter Half Shade (Ajanta)- The	2	16600		reaction.
	instrument applies the unique and state-of-art		- * *,	- 29.	
	control technology, equipped with high quality			10.00	Science lab
	prisms. It not only greatly enhances the response speed, measurement time, and minimum	1 2 3	, dee		equipment
	speed, measurement time, and minimum transmittance when the Polarimeter is testing		1. 1.	. 1	allows
	samples, but also fully embodies the high speed,	12			students to
	efficiency and accuracy features, which completely				interact
	transformed the slow response speed and long			33200	directly with
	measuring time of the traditional Polarimeter. It's	100		33200	the data
	and onar i oral micter. It's	10.00		3.1.	inc data

5.	a landmark's breakthrough of Polarimeter development in China. In terms of function, the user can customize up to 300 commonly used measurement methods which are pre-stored in the system. With applying the latest IT technology, the instrument can access the Internet.  Ohm's Law apparatus (Ajanta)- Instrument comprises of Two moving coil meters to measure	2	8500	e yang diberialiya	gathered. So please provide these Lab equipments to the college so
	voltage & current, One wire wound Potentiometer. Circuit diagram Printed & Connections brought out at terminals for connecting 6 Volts battery & One potentiometer DC meter in Box Plastic supplied without Battery.		0500	17000	that students get up to date knowledge
6	Reading Telescope (Ajanta)- Fitted on Epoxy finish, heavy round cast iron base with three leveling screws. Provided with up and down motion with graduated scale attachment. Achromatic objective and RAMSDEN EYEPIECE 10x with X-LINE glass graticule. Focussed by rack and pinion Attachment For Resolving Power Of Telescope Suitable for above telescope and all standard telescopes. It consists of a precision optical slit jaws with lateral movements. A micrometer is provided for reading directly on a	2	8500	17000	
	micrometer head, the distance between the jaws. Highly precision and accurate.		_	17000	
7.	Logic Gate (Ajanta)- Built in logic inputs with SPDT switches at 5V, Onboard output LED sockets, NAND, NOR, NOT, AND & OR Gates each, Required Number of patch cords, Operation Manual	3	6500	19500	-
o)	jaeger's apparatus (Ajanta)- Having a wide mouth reagent bottle fitted with a cork having two holes, in one hole a dropping funnel is fitted. Complete with manometer, capillary tube. All mounted on suitable wooden stand. Without aspirator		6250	12500	
O. C. A. C.	CRO. Dual Trace Cathode Ray Oscilloscope (Ajanta) - Oscilloscope Weight: 2.00Kg/ 4.4Lb Sample Rate Range 500Ms/S1Gs/S Sec/Div Range 4Ns/Div To 40S/Div Delay Time Accuracy ±50Ppm(At Over Any ‰¥1Ms Time Interval) Position Range 20Ns/Div To 80Us/Div; (-8Div X S/Div) To 40Ms; 200Us/Div To 40S/Div; (-8Div X S/Div) To 400S Sample Interval = S/Div fÆ'c· 200 Position Range 2Mv/Div To 10V/Div Bandwidth 100Mhz Rise Time At Bnc( Typical) 3.5Ns Trigger Source Ch1, Ch2, Ext, Ext/5, Ac Line Trigger Modes Auto, Normal, Single Coupling Type Dc, Ac, Noise Reject, Hf Reject, Lf Reject Temperature Operating: 32"% To 122"% (0"f To 50"f); No operating: 40"% To 159.8"% (-40"f To +71"f) Cooling Method Convection Humidity +104"% Or Below (+40"f Or Below): %€90% Relative Humidity; 106"% To 122"% (+41"f To 50"f): %∞€60% Relative Humidity		85000	85000	
10	U V Visible Spectrophotometer (Ajanta) - Single Beam UV Visible Spectrophotometer offered comes with wavelength accuracy of ±0.5 nm, wavelength repeatability of +0.1nm and automatic wavelength	Name (	185000	And described an	And state of the control of the decoration of th
April 10 miles	setting support. Further, the system also comes with photometric accuracy of ±0.1 %T,	and the second	-	185000	

	photometric repeatability of +0.3 %T and		9.5	1
	photometric display range of -0.3-3.0A,0-200%T,	1	1000	4.5
i	0-9999C. For achieving excellent performance, the			1
1	system has single beam, grating 1200 lines/mm			
	based optical system as well as other functional	1		10
Ì	based optical system as well as other functional			1
ł	features like wavelength range of 200-1000nm,			
1	band width of 1 nm, stability of +0.002A/h @	142.4		
	500nm and USB based data output port options.	-	10/10/2	
1 11.	Function Generator (Ajanta)- The function	2	24500	, T
3	generator MTQ 201T is a useful test instrument			9,1
ā	capable of generating multiple waveforms like	1	the state of	4.7
1.0	sine, square and triangle at any required			,
100	frequency, in switched decade sub-ranges. The	1		
	generator has output banana sockets; and a	/	•	
	maximum wave output of 100mV to 5 volts peak to	1		1
7			- 43	1 1 1
	peak, which may be adjusted by a variable	1	1	
1	potentiometer control. The Function Generator has		17.4	e Newson
	a selection to switch from sine, square and triangle	1 4		
	waveform. The frequency of the signal is set on a		2.5	
1	dial, along with a multiplier range switch. The	1		W. W. A.
İ	model provides an ideal signal source for testing of	1	-1.57	
	servo and vibrating systems, medical and	1		
	geophysical equipment, audio amplifiers,		1,427	
1.	transducer circuits, filter circuits etc. The function		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
1	generator uses high performance low drift			1.00
ì	circuitry to ensure low distortion and frequency			
1	stability. The entire circuit is laid on high quality		<b>清楚</b>	
1				
1	printed circuit board, which is epoxy masked and	2 3		49000
8	component numbers are marked on it, for easy	7	0.21.5	43000
<u> </u>	maintenance and servicing.		162.65	4111
12	P.N. Junction Characteristics apparatus	2	17500	
	(Ajanta) - Instrument comprises of two DC		1.00	
8	Regulated Power Supplies 0-3VDC/150mA & 0-30		***	9 400
#	VDC/150mA, two dual range round meters for			
we control	williage & current measurement, PN Junction	· 6	1.0	
re-transfer	Proces mounted behind the panel, connections of			
	Supplies, Meters & Diodes brought out at 4 mm	4.	-1.2	35000
	Sections.	1.3		
1 13	Zener Diode Characteristics apparatus (Ajanta)	2	17500	
	- Power Supply: 0- 15VDC/150mA, Voltmeter: 0-15		1.000	
<b>†</b>	Volt Ammeter: 15/1.5mA,ZenerDiode:5.1,8.2,12		· -	35000
4	Voits, Size: 11"x9"x3"	-	· .	33000
		2	10500	
14.	PNP & NPN Characteristics apparatus(Ajanta)-	2	18500	
	Power Supply: 0-10VDC/150mA & 0-	1	4.	3.
	1VVDC/150mA, Voltmeter:0-1 Volt, 0-10V ,	1		
	Ammeter: 250uA/50mA, 0-50mA, Transistor: NPN	1 20	¥	37000
	& PNP -CL100, CK 100, Size: 16"x9"x3"	1 12	<u>∳</u>	1 Ta <sup>1</sup> ( 1
15.	B.J.T. Characteristics apparatus (Ajanta)-	2	17500	
	Instrument comprises of DC Regulated Power			
	Supply, One NPN transistor, 2 round meters to		T	
147	measure the voltage and current, Different type of	Y.		35000
	Resistances connected inside.	U.B		55000
16		2	17500	
16.	F.E.T. Characteristics apparatus (Ajanta)-	2	17500	
	Instrument comprises of Two DC Regulated Power	11		- y
	Supplies 0-15VDC/150mA & 0- 3VDC/150mA,		( )	1 7 1
	three round meters for voltage & current	3 46	9	
	measurement, FET BFW10 mounted behind the	1		35000
i	panel.	J. da T	1	
27.	U.J.T. Characteristics apparatus (Ajanta) - Two	2	17500	10.00
	DC Regulated Power Supplies 0-15 VDC/150mA &	(2.	1/300	35000
	Paraga . oor oabbues 0-13 ADC/ 130HIW &	1.0		22000
	0- 30VDC/150 mA, Three round meters MO 65	0.172.25		for the first terms of the

		mounted on the front panel to measure voltage &	1		1
		current. The connections for each meter is brought			
ě.	a de la constitución de la const	out at 4mm sockets, One UJT 2N2646 mounted			1
100000		behind the panel Connections of Supplies, Meters	1	- 1	
201 (A BIO		& UJT brought out at 4mm Sockets. One ON/OFF			
La Million	-	Switch with jewel light is provided on the front panel. Made of Heavy duty metal box construction			-
-	18.		-	13500	
MONTON	10-	(Ajanta) - The box is rectangular in shape and		13300	
100					
	1	provided with slits on three sides equally spaced to	1	1	1
40	1	enable three experiments to be performed	1		i
1	1	simultaneously using one light source. Each slit is			į
1		provided with a cover so that it can be closed when	i		1
Notice of	-	not required. Bulb holders of finest quality are			
1.0	2.0	fitted in wooden box with special cord.			
-		Carlo Dill Day Is not a	1	37.47	
· Carrie		Quality: Reliable Best quality Effective service	1		- 1
		Available with 35 watt bulb and transformer.		, G	1
Signa	1	Transformer High and a lamination and ha	ì		
SE-0414		Transformer: High grade laminations are used to	1	100	
coat.		avoid losses. The box is made from thick metallic	1		
Date		sheet. An anchor make plano type switch is	1		
		provided for on / off and a 1.6 m, 3 care flying lead	1		
Acceptance of		is provided for main connection and output is via a			
de total		special Anchor make 3-pin socket (3-pin socket is	1		
100		provided to avoid shock due to the leakage of the			1
5000		current). This transformer is an auto leak type,		1	. 1
- 73					1
14.4		giving a starting voltage 400 V which automatically		1	1
A 41 A 41					-
440 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		giving a starting voltage 400 V which automatically			13500
10 4 CT 644 - 444 - 414 CT		giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of			13500
A	29	giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the	1	12500	13500
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THE RESERVE THE PROPERTY OF THE PERSON NAMED IN	39	giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence hand of electrons and the conduction band.	1	12500	13500
· · · · · · · · · · · · · · · · · · ·	79	giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence hand of electrons and the conduction band. Essentially, the band gap represents the	1	12500	13500
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The second secon		giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence transformer band. Essentially, the band gap represents the minimum energy that is required to excite an electron up to a state in the conduction band where it can participate in conduction [1] The lower energy level is the valence band, and thus if a gap exists between this level and the higher energy conduction band, energy must be input for electrons to become free. The size and existence of this band gap allows one to visualize the difference between conductors, semiconductors, and insulators. [2] These distances can be seen in diagrams known as band diagrams  Wheat Stone Bridge (Educational Model) (Range 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge (Educational Model) (Range 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge Objective: This test set has been designed to provide an accurate and sensitive instrument for measurement of Resistance. Features: This set is entirely contained with a dry			12500
THE REPORT OF THE PROPERTY OF		giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence transformer band. Essentially, the band gap represents the minimum energy that is required to excite an electron up to a state in the conduction band where it can participate in conduction.[1] The lower energy level is the valence band, and thus if a gap exists between this level and the higher energy conduction band, energy must be input for electrons to become free. The size and existence of this band gap allows one to visualize the difference between conductors, semiconductors, and insulators.[2] These distances can be seen in diagrams known as band diagrams  Wheat Stone Bridge (Educational Model) (Range - 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge (Educational Model) (Range - 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge Objective: This test set has been designed to provide an accurate and sensitive instrument for measurement of Resistance. Features: This set is entirely contained with a dry battery and a galvanometer. Arrangement has			12500
The second secon		giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence transformer band, the conduction band. Essentially, the band gap represents the minimum energy that is required to excite an electron up to a state in the conduction band where it can participate in conduction.[1] The lower energy level is the valence band, and thus if a gap exists between this level and the higher energy conduction band, energy must be input for electrons to become free. The size and existence of this band gap allows one to visualize the difference between conductors, semiconductors, and insulators.[2] These distances can be seen in diagrams known as band diagrams  Wheat Stone Bridge (Educational Model) (Range - 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge (Dijective: This test set has been designed to provide an accurate and sensitive instrument for measurement of Resistance. Features: This set is entirely contained with a dry battery and a galvanometer. Arrangement has been provided to use the external galvanometer or			12500
THE REPORT OF THE PROPERTY OF		giving a starting voltage 400 V which automatically reduces when the lamp has struck. The types of transformer is available.  Energy Band Gap(Ajanta)- A band gap is the distance between the valence transformer band. Essentially, the band gap represents the minimum energy that is required to excite an electron up to a state in the conduction band where it can participate in conduction.[1] The lower energy level is the valence band, and thus if a gap exists between this level and the higher energy conduction band, energy must be input for electrons to become free. The size and existence of this band gap allows one to visualize the difference between conductors, semiconductors, and insulators.[2] These distances can be seen in diagrams known as band diagrams  Wheat Stone Bridge (Educational Model) (Range - 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge (Educational Model) (Range - 0.001 Ohms to 11.11 Meg Ohms) Provided with Inbuilt Battery & Galvanometer. Portable Wheatstone Bridge Objective: This test set has been designed to provide an accurate and sensitive instrument for measurement of Resistance. Features: This set is entirely contained with a dry battery and a galvanometer. Arrangement has			12500

				- 1		1
T	11.11 Meg-ohms. Series Arm: Four decades in					
1	at an of 1 10 100 & 1 Kohms Which can be used as					
	scries resistance box also. Ratio Arms: The ratio					1
1	arms of the bridge are provided with multiplying					
	factors of 0.001, 0.01, 0.1,1,10,100 and 1000 for	1		1		
	resistance measurements.	1	22	500		
21.	Shearing Bridge (Ajanta) - Low Voltage Schering	•				
- )	Duidgo is one of the most important of a.c. of fuges.					1
	It is widely used for measurement of Capacitance &			1		1
	dissipation factor. It is also used for measurement			١		
	of the properties of insulators, condenser, bushing,			1		
	e other insulating material. Input Supply: 50HZ,			1		١
	cina waya Canacitance: C2 - 1 mF, C4 - Decade, C1			1		i
	0.47F 1F 2F Bridge balancing				2.	2500
	resistances: R3 = 500, R4 = 2K POT, r - 500 SIZE:					
	180 x260 x 50 (L X D X H ) WEIGHT: 3 KG	2	1 3	6500	-	
22.	Anderson Bridge (Ajanta) - Anderson Bridge is	2	4	6500		
	used to measure unknown value of Inductance.					
	The instrument has following inbuilt parts fitted in	`				
	a ARS Plastic case, AC Source: The Bridge consists					1
	of sine wave signal of 1KHZ. The Amplitude of AC					
	switch indicating lamp is provided on the Bakelite					
	board. Two sockets are provided for the output of	i			1	-
	AC signals Detector: For detecting small AC signals					1
	in the output Null Detector is in-built with digital		1			
	display Circuit Diagram: The circuit layout on the		1			
	board is quite spread out to facilitate convenient					1
	working & clear understanding. 4mm socket are					l
	provided for making connections. R Single	1				
	resistance dials having value 1000nms		- 1			
	ontinuously variable resistance from	.				
	ohms connected in series with the dial Rr	٠ ا	1			
	decade resistance dials having value	9			1	
	10000hms, 100hms 1000hms and 100hms	5			1	
	P=Q Fixed standard resistances having	3			-	
	1000 ohms. C Two Fixed standard	۱ ـ	- 1			53000
	reparators having value 0.1mf and 0.2mf. (los	S			١	55000
	الميا	- 2	-+	1250	<del>-</del> -	
	Barton's Apparatus-Horizontal (Ajanta)	_	- 1	1250	١	
	Banon's Apparatus Searle's Horizontal Patter	n				
	Half Meter Long) Two cast iron feet's each with	3				
	through holes and grub securing screw	s,	1		.	
	separating by two support rods approx 600mi	11	1		1	
	long, one of which is graduated in cili and initi. It	ie				
	wheel 165mm dia over groove	1	1			
	moving on ball bearings is provided with chuck	10	. 1			
	hold the test rod of 55cm long and 5mm dia Wi	ui				
	rwo aluminum scales graduated 30-0-30 in Sing	ie			1	
	degrees mounted on pillar support, which a	re			1	
	adjustable along the rod, two pointers with clar	ոթ			,	
	for attaching to specimen, on each of brass a	na			1	2500
	steel rods, cord and hook for carrying mass	es.			1	2500
	Supplied without weights.			1		
	Subblied without weights:				50 L	
	Barton's Apparatus-Vertical (Ajanta) - T	he 2	2	186	1	
	Barton's Apparatus-Vertical (Ajanta) - T	ith	2	186	, ,	
	Barton's Apparatus-Vertical (Ajanta) - Tapparatus consists of a heavy Cast Iron base we evening screws which supports a mild steel framework.	ne.	2	186	,,,,	
· ·	Barton's Apparatus-Vertical (Ajanta) - Tapparatus consists of a heavy Cast Iron base we evening screws which supports a mild steel framework.	ne.	2	186	, , ,	7 g 7
	Barton's Apparatus-Vertical (Ajanta) - Tapparatus consists of a heavy Cast Iron base we evenling screws which supports a mild steel fram 4 tursion head is fixed at the upper end of	ne. the	2	186	)	
	Barton's Apparatus-Vertical (Ajanta) - Tapparatus consists of a heavy Cast Iron base we even in screws which supports a mild steel frame for holding one end of the rod under the same for holding one end of the rod under the same for holding one end of the rod under the same for holding one end of the rod under the same for holding one end of the rod under the same for holding one end of the rod under the same same same same same same same sam	ne. the est.	2	186	, , ,	
	Barton's Apparatus-Vertical (Ajanta) - Tapparatus consists of a heavy Cast Iron base we evenling screws which supports a mild steel fram 4 tursion head is fixed at the upper end of	ne. the est.	2	186	52.0	3730

-	applied through strings wound around the drum,			
	in apposite directions over pulleys, and t			
	terminating in pans. Three circular scales, used for measuring the deflection, are graduated in single			
	degrees and can be clamped at any position. Titlee	1		
	pointers for clamping the test rod are provided.		0500	
25.	Rellietic Calvanometer (Alanta). Dallistic	2	9500	
}	salvanometer product description, ohm's meter is		,	
	designed for measuring the resistance in electric			
	circuits, it is housed in unbreakable abs case with			19000
j	clear transparent front cover and operated on 1.5 va cell, size:, 100x100x140 mm.			
15	Maxwell Needle Apparatus (Ajanta) -	2	6500	
-3	Massell's needle apparatus is used to determine			
	the shear modulus (n) of the material of a wire of			
	raiform cylindrical cross section. Conventionally, a			
461.4	single observation is taken for each observable,			
i i	and the value of n is calculated in a single shot. A			
	modification to the above apparatus is made by			
1	varying one of the observables, namely the mass of the hollow cylinder (m h). With this modification			
	five sets of values of mass difference (m s - m h)			
	are taken and corresponding values of difference			
	of the squares of time periods (T22 - T12) are	3		13000
	plotted on the graph for calculating the value of n			
27.	Hall Effects Apparatus (Ajanta)- ATICO Medical	1	125000	
	Pvt. Ltd. are manufacturer, supplier and Exporter			
3	of Hall Effect Experiment			
	Introduction:- The resistivity measurements of semiconductors can not reveal whether one or two			
Š.	types of carriers			
Sekita .	are present, nor distinguish between them.			
	this information can be obtained from			
M	coefficient measurements, which are also basic			
24	apols for the determination of carrier density and	-	,	
	in conjunctions with resistivity	1		
	Hall effect experiment consists of			
3-	ine fclowing:  13. Hall probe (ge. Crystal mounted on a pcb).			
4	2) Electro magnate 10,000 gauss.	-	1	
1	3) Power supply for electromagnet			
1	Constant current power supply with two digital		1	
·	meters. digital milli voltmeter 0-200mv sensitivity			
STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N	+o Lmy, Auto polarity.			
B 20 00 00	digital milli ampere-meter 0-20ma , sensitivity $\pm$ 0.		-	125000
1	01ma.			123000
Season .	5). Digital gauss meter with hall probe, 20kg	1	18500	+
28.	Desauty Bridge (Ajanta) - It is a simple form of	'	10300	
	bridge giving maximum accuracy while comparing capacitance in term of resistance. Three decade			
	dials x10, x100 and 1000 ohms from one arm. The	1	1	
1	other arm has also decade dials x10, x100 and		1	
	1000 ohms. A special mores key is fitted in the			
to Early	centre of the two arms connecting the battery and			
25/14 4.9	the galvanometer. The connections are engraved	1	ļ	
1	on the panel which is fitted to a teak wood			10500
7.2	polished case. All the coils are calibrated on			18500
1	Imported Testing Bridge. Accuracy ± 0.5 to 1%.	12	(50)	
29	Katter's Pendulum with Stand Brass (Ajanta)	2	6500	13000
4	Consist of a rod of 120cm long 10cm. dia with two			13000
-	adjustable knife edges. Two metal weight Cast			

_	<del></del>	The wooden weights				4 h (5 h
	1	ron, Two wooden weights	1	1	35000	1.1
30	).	B.H. Curve Apparatus with CRO (Ajanta)- Model	Ī. 1	1		. 1
						2214
1	.	No. AEI-255 <b>Objective:</b> To trace hysteresis curves on CRO using resistance,				
		capacitance & inductance.			1.40	
1	- 1	T-chydos		1		
		Instrument comprises of the following:		1		l
	- 1	Ac nower supply 10-30 VAC.	1			
1		Output selectable using band switch.			4	1.
į		Circuit diagram for BH curve printed.		3		
8	·	Components connected behind the front pallel.		1		
2.0	1	I - nut & output connections brought out at sockets.		3	100	1
- 1	1	One ON/OFF Switch with jewel light is provided on			4	.551
Tr. S		One Ony Orr Switch what journe agents			aginiy	- 1
		the front panel. Made of Heavy duty metal box construction.				
	- 3	Front Panel made of high quality Bakelite sheet.				
		Front Panel made of high quanty barrente should				100
4	.	Accessories Supplied:	1.			85000
		Required number of Patch Chords.	1	1	125	9.5
_		Instruction Manual.  Michelson Interferometer (Ajanta)- The	1		95000	Santalia.
1:	31.	Michelson Interferometer (Ajanta)- The	1 -	1		
1		Michelson interferometer is specially known for is				
1		its use by Albert Michelson and Edward Morley in			4	
1		the famous in the famous Michelson - Morley				
1		experiment (1887) The Michelson Interferometer		7	400	
١		:- common configuration for optical interier differen		1		116
-		and was invented by Albert Abraham Michelson				
10		heing a heam splitter. A light source is split into			-15-4	The series
1		arms each of those is reflected back towards	• 6		7.02	
		the beam splitter which then combines then		- 1		95000
		amplitudes interferometrically resulting				Top of
		interference4 pattern.	1	3 1	55000	
	32	Research Spectrometer 9" (Ajanta)-			33000	55000
10		Spectrometers available in sizes 5", 6",7" 9"	1.			33000
		- 3 favr vernier type	-	- 1	445000	
	33	G. M. Counter (Ajanta)- G.M. digital counter	s   1	-	115000	4.7.4
7 7-0		offered by us are used in G.M. tubes and come with	n d		ter.	
r avP	50	digital read out meter facility. These digit countin	g	1,48		1 1 10 10 10
		digital read out meter latings that control for rese	t.	- 4		
· ma	1000	systems are also provided with control for rese	·F		101	
Arra		start & stop through panel. Some of the features of	"			
1						
		One pro-set-able timer with three digit display	&	- 7		2
		thumb wheel switch G.M. Tube mounted in acryl	ic	· S		
0.1.0	2	stand One radioactive source in lead contained	er		Š.	
		digital multi-meter to read the G.M. Tube voltage.	1-		<b>*</b>	115000
		digital multi-meter to read the d.M. Tube votage				
		- Lataslactric offer	ts 1	1	22500	
	34	Plank's Constant by photoelectric effect	rd i			1 20 1 2
	1	Apparatus (Ajanta) - Objective:- To Plot Forwa	to			
	1 .	& Reverse Chat of a vacuum Filoto cen de			1	
	1	a 1 1 to the etermina notential	- 1			
	1	Dual Dange Power Upply U-17DC/U-	00			
		VDC with one dual range voitiliete & one school	• •			1 2 2
		contro zero Calvanometer OI 25MA MOVEME	114	1		
	1	I phase Call mounted in wooden box naving willus	744			
	2	for injecting light & also for sliding the various	us			22500
	0.00	filters One wooden Plank with 1/2 meter sta	ie,	XI.		22300
		light source with 100W lamp 7 set of filters.	- ( - ) 92	1857	1075	
	13	T I F/M by Helical Method (Ajanta)- UBJEU1:	To	1625	4250	
	-	determine the value of e/m for an electron	Uy	الرسا		42500
		Helical method. APPARATUS: The set	of	7-2-1		
	- 1					

personal responses		- British Market British	produce and control of the control of	and the second s
	Experimental set up comprises of the following: 1. DC Power supply for apparatus comprises of the		4	
	following built in parts: (a) H.T. (High Tension) DC power supply continuously variable from 375V to			
	850V±5% for acceleration voltage control. (b) DC			
	Power supply for solenoid 0-60VDC variable in			
6	steps through two band switches (5 steps) using		'	
W-121-18	fine and coarse controls band switches. (c)			
3	Potentiometers are mounted on the front panel for Focus control, Intensity control and X, Y shift			
	controls. (d) Two meters to measure acceleration		1	
2	voltage &solenoid current are mounted on the		-	
1	front panel. (e) Eight pin octal bases are mounted		T	4.1
	on the front panel to connect the CRT plug. 2. One		£	
	long solenoid wound on 4"dia PVC with 23 wire		754	
	gauge, mounted on wooden stand & connections brought out at terminals. 3. CRT mounted inside			1+1
1. 2	the solenoid.		12°	7 -
36.	Pentode Characteristic Apparatus (Ajanta)-	2	18500	
	Electronics-instruments-pentode characteristic		2	Ų.
	app-The instrument is designed to draw the		- <u>î</u>	ton a
	characteristic of the pentode valve. It has two		1 10	
	built in power supplies. Four 65mm dia meters		50	
	are provided to read different electrode		1	1 4 1
	volt/current. The pentode valve is fitted on			
	board. The student have to make the			
	connection. Input:- 230 volts AC, H.T.1			
ž.	(stabilised):- 0-300volts at 30mA, H.T.2:- 0-250		- 1	
ed	volts at 25mA, Bias:- 0-15 volts at 100mA, L.T:-			
100	6.3 volts at 2 amps, Built in a nicely box with	,		37000
1	on/off switch. jewel light etc.		1111	
4 30.	Smart Board (Ceramic)- Interactive whiteboard	1	165000	
	Desice converts whiteboard with projector to			
+	stylus. Suitable for Classroom and office. For			165000
1	presentation and Interactive Trainings -Ingress.		-8	
£ 33.	LCD Projector (Hitachi) - From the classroom to	1 .	65000	
The la	the conference room, Hitachi's CP-X3042WN LCD		J.	
4	projector combines superior image clarity, high quality value, and long-life reliability. Bright, vivid		24. 24.	
*	colours with razor-sharp text and bold graphics	1-4		
報かっ	will truly enhance any lesson or meeting and make		1	1111
	it more memorable. For greater installation		4	
6	convenience, the CP-X3042WN has a cloning		gh.	
	function which enables you to copy configuration	· 1	<b>7</b> ,	
	settings from one projector to others of the same model via USB memory. The CP-X3042WN also			
1	includes our iOS application Projector Quick			
	Connection App which offers simple control			
	options including sending photo and document			65000
1	files and web site contents to the projector.	12.0	1050	
39.	Ammeter (Ajanta) - This ammeter is full scale and	6	1250	
1	fully enclosed within a sturdy plastic housing and has an accuracy of ±2.5%. The binding posts are	1 11		
Water Commencer	color-coded and the unit features a zero-	- W E	ŧ	7500
1	adjustment.			
40.	Voltmeter (Ajanta)- Robust pointer instruments	6	1250	
1	for measuring voltage resp. current in shock-proof			7500
1	desktop housings built especially for student and	1132		

	2.1		180	
	practical lab experiments with moving coil			
	practical lab experiments with intowing construments, mirror scale and 4-mm safety sockets.	_	1250	7500
	instruments, mirror scale and	6	1250	7500
41.	Galvanometer (Ajanta)			
	Mile Ammeter (Ajanta) - This dual range 0-50 or	6	1250	
42.	Mile Ammeter (Ajanta) - This dual range of the			
72.	Mile Ammeter (A)anta)- This dual residues an 0-500 mill ampere (mA) DC Ammeter features an designed			
	0-500 mill ampere (mA) DC Ammeter is designed analog display. This economy ammeter is designed	-		
	analog display. This economy animeter is to the analog display. This to measure the electrical current of a circuit. This to measure the electrical current of a circuit.			
	to measure the electrical current of a tributary and device can be used for education, laboratory and device can be used for education, laboratory and			
	device can be used for education, description and also industrial or any scientific applications and also industrial or any scientific applications and electrical current			7500
÷	scientific applications and also industrial current application where measuring an electrical current			1-12-1
	application where measures		950	5700
3	is required.	6	950	3700
43.	Calorimeter with stirrer (Ajanta)	12	14 M	
	1 (1)	12	1350	16200
13	Resistance Box- 10 Ohm's (Ajanta)		is.	
4	· · · · · · · · · · · · · · · · · · ·	10	1850	22200
-	Resistance Box- 50 Ohm's (Ajanta)	12	1830	22200
45.	Resistance box 50 onto	1. 1.	t district to	2222
		12	750	9000
46.	Tuning Fork(Ajanta)	1	1.25	
		3	3500	10500
47.	Magnetometer with compass(Ajanta)			* *
٠,٠			4500	
_	Potentiometer 4 wire (Ajanta) - Potentiometer 4	3	4500	
48.			1	
1	Wire With Pencil Jockey, Four Consultant Base			
	Wire With Pencil Jockey. Four Wooden Base 24 Swg Stretched On A Polished Wooden Base			
				N 12
ě	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 300	
-		1	1.00	
1				13500
	Wires With A Knife Edge Jockey. A premium		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4	product by GR Lab.	-	0500	25500
h .	(4'4-)	3	8500	25500
49			- 12	-
	Boyles Law app. (Ajanta) - Comprising two glass	3	3500	
- En	Boyles Law app. (Alanta) Souther tube open.	1.2	1. 13.	
78	one closed the top and out an connected		- Page	
	The lower ends are drawn out an connected		100	1
11.	by 1meter of tubing. Both tubes are		772	1
12.				1
			_1 44-i	
1 4				10500
- 4	freed heavy iron base levelling screws. Supplied	1		10300
	i a i a a a a a a a a a a a a a a a a a		vict da	·
	Fortin's Barometer with stand (Ajanta) - A glas	s 1	32500	)
. 4 5	Fortin's Barometer with stand (Manager in a	n		
	tube of about 6mm bore is encased in a	al	10 5	1
	in Jama location of the little interest	~		
· · ·	hoard with didying ion			. ·
	tarish chamically enviaved, shives	<b>∽</b> 1	10	100
1	! 1dusted in horn mill and -/		arill.	2.00
	vernier naving a least country		V 7	E-1
-	1 2000 inch of mercilly that moves with	-14		
a de	rack and pinion arrangement and is mounted	d		
	rack and pinion arrangement and a grangement	nt	4.11	
1	the two scales colliners all and		T <sub>4</sub> .	
	i decod in a glace cylinder. A write reflection	<b>'</b> 5		. 1
	hehind the scales latilitates in our	.		- 7
	A glass cylinder towards the lower end	OI .		1
	harometer has an IVOTV pullici Wi	u.	4	
	adjustment screw that provides fiducially settle	"B		
	point to which the level of the mercury in the	ne		32500
7. 3	cistern is adjusted before noting the reading.			-
40/4 · 4. 10 · 1.	cistern is adjusted before noting the reading.			-

52.	Optical Bench (Ajanta)	1	13600	13600
53.	Stationary Accumulator (Globe)	6	1250	7500
54.	Bar Magnet (Alnico)	6	250	1500
55.	Copper water Bath (Ajanta)	3	1500	4500
56.	Laptop 6th Generation (Lenovo)- 4 GB RAM, 1 TB HDD, 15 Processors, 15.6" Screen	1	55000	55000
1	Grand Total =			2115700

Amount (In words Rs.):- Twenty One Lakh Fifteen Thousand Seven Hundred Only.

### Department of Chemistry

SI.					Justification
No.	Name of Items	Qty.	Rate	Total Amount	The second secon
1.	Humidity & Temperature Control Cabinet- Model No. Aci-	1	85000		It is
-	121 (Ajanta)				imperative
	We Are Manufacturers Of Humidity Control Cabinets,				for College
	Temperature Control Cabinets In India Since Last Two Decades.				to have the
į.	Our Temperature And Humidity Control Cabinets Are Conceptualized And Designed To Create Test Chambers To				latest and
	Study And Contemplate The Effects Of Different Environmental				high quality
	Parameters Such As Humidity, Temperature Applications Tests				science lab
9	involving Micro-Organisms, Plants, Tissues, Electronic	'			supplies
	Components Etc. Apart From Various Customized Industrial				these days.
	And Research Applications. Our Temperature Control Cabinets And Humidity Control Cabinets Have A Variety Of Usage In R				Effective
2	And D Laboratories, Research Studies And Product Testing				teaching and
	Facilities Across The Globe. Apart From That, These				learning of
	Temperature And Humidity Control Cabinets Have A Variety Of				science
	Usages In Tissue Culture Applications, Enzyme Reaction Studies,				involves
	Growth Observation Studies, Fermentation Analysis And Various Other General And Specialized Applications In Various				seeing,
	Laboratories. We Specialize In Both Standard And Customized				handling,
	Temperature Control Cabinets And Humidity Test Cabinets,				and
1	Specifically Designed To Meet The Challenging Demands Of				manipulating
	Various Scientists For Individual And Specialized Research				real objects
	Applications. Over A Short Period Of Time Weiber Brand Have Been Established As Reliable Exporters Of Temperature Control				and
a constant	Cabinets And Humidity Control Cabinets In India, Catering To				materials.
i,	The Vast Markets In South East Asia, Middle East, Africa And				.The
	Europe. Apart From That We Are Supplying Our Temperature				knowledge
Sec.	And Humidity Control Cabinet In India, Catering To A Variety Of Customers Ranging From Defence Installations, Research	1			that students
3	Laboratories, Educational Institutes And Various R And D	1		85000	attain in
O de Company	Laboratories Of Leading National And Multinational Companies.				classrooms
1 2	High Temperature Muffle Furnance- Model No. Aei-122	1	62500	i	would be ineffectual
2	(Ajanta) - Salient Features Of Muffle Furnace: - Double Walled				unless they
	With Double Insulation For Minimum Heat Leakage & Faster				actually
	Temp. Rise. The Outer Casing Made Of Thick CRC Powder	1			observe the
2	Coated. Heating Chambers Consist Of Rectangular Horizontal			1	process and
3	Totally Enclosed Muffle Bracket. Heating Elements Are Made Of				understand
100	Nichrome / Kanthal Wise Wounded Externally On The Muffle. Temp. Controlled By Micro Processors Based Digital Temp.				the
S district	Indicator Cum Controller With CS/Al Sensor. Max.Temp.1000°C,				relationship
Ì	Working Temp. 900°C. Various Models With Different Temp.				between
1	Range Are Available.			62500	action and
	Kange are available.				reaction.
3.	Digital Orbital Shaking Incubator Cooling (Ajanta)	1	125000	125000	Saionea lah
1				123000	equipment
+	Incubator Shaker- Model No. Aei-123 (Ajanta)- Specifications:	1	115000	<u> </u>	allows
-	mediator bilater ploaci notifici xao (iljania) -p				students to
	Cat. Volume Maximum No. Of Clamp				interact
	No	İ		1	directly with
1					the data
	1000ml 500ml 250ml 150ml 100ml 50ml			115000	gathered. So
5	TOUGHT SOUTH ESOUTH TOUR TOURN SOUTH			113000	please
					_

		16 25 36 49 64 64 Ls- 16 Ltr 6- 01				provide these Lab equipments to the college so that students
STORY OF TRANSPORT OF PROPERTY.	5.	Shaking Machine- Model No. Aei-124 (Ajanta) - WEIBER Wrist Action Shaking Machine Action Is Used For Vigorous Shaking Of Various Solutions/Chemicals In Wrist Action Mode By Conical Flask Fitted In The Clamps. These Machines Are Well Integrated With The Heavy Cast Iron Base Which Make These Sturdy In Construction, Have Two Equipped Arms Used For	1	57500	57500	get up to date knowledge
1	6	Holding Flasks Fixed For Shaking Liquid Solutions.  Rotary Shaker Horizontal (Ajanta) - Size 150x150 cms	1	42500		
100		complete set Model No. Aei-125	7.00			
-Marie Trans		Being The Leading Names In The Industry, We Offer Technically Updated Array Of Rotary Shakers That Are Used In Varied Light And Heavy Duty Industries. It Is Used For Mixing And Dissolving				
		The Chemicals In Accurate Proportion. Our Entire Product Range Is Abrasion Resistant In Nature And Is Delivered In Standard Technical Dimensions.			42500	
	7.	V.D.R.L. Shaker- Ajanta	1	26000	26000	
the species where of the second species in	8.	Reciprocating Shaker (Ajanta) - Reciprocating action shaker in which platform on shaker makes a back & forth motion. This shaker is used for clinical and chemical investigations dye manufacturing, micro biological research. The metabolic shaker body is made up of M.S. duty powder coated; tray made up of S. S. Trays can be interchangeable as per number of conical flasks. Shaking speed is adjustable from 20 to 200 strokes per minutes. Stroke length is 40 mm Variable speed & reciprocating stroke	1 %	62500	62500	
and the same of th	g,	gives gentle agitation to vigorous mixing.  Quartz Water Distillation Double Distillation unit- Model No. Aei-129 (Ajanta)  We Are Engaged In Making Available Never-Failing Kjeldahl Distillation & Digestion Combined Unit (Without Glass Part). We Are Associated With The League Of #1 Manufacturer And Suppliers Of Kjeldahl Distillation & Digestion Combined Unit In Delhi. Each Unit, Which Rolls Off Our Manufacturing Unit, Is Ensured To Work Safely And Efficiently. And The Guarantee Of Quality Is An Assured Thing To Benefit From Our Products	1	105000	105000	
	10.	Bomb Calorimeter digital safety device- Model No. Aei-128 (Ajanta)- Backed By The Team Of Adroit Professionals And Rich Experiences In This Industry, Our Company Has Emerged As One Of The Renowned anufacturers And Exporters Of Digital Bomb Calorimeter With Safety Device. While Manufacturing These Digital Bomb Calorimeters With Safety Device, Our Expert Professionals Make Sure That It Is Manufactured In Compliance With Industrial Standards And Norms. This Digital Bomb Calorimeter With Safety Device Is Offered To The Clients Without The Oxygen Cylinder. Our Venerated Clients Can Avail Vast Range Of Safety Devices From Us At Very Reasonable Price.		125000	125000	
	11.	Bottle Washing Machine with S.S. Tank (Ajanta)- Electrically operated with quick release chuck taking wide variety of interchangeable nylon brushes for cleaning syringes, test tubes, bottles etc Machines with soaking tanks have 12 rinser and two		32500	32500	

				1 ::
	drill chuck to hold variety of brushes, and are mounted on sturdy angle iron frame duly painted. Complete with 1/4 H.P. motor, pulley of two chucks for fixing different sizes of brushes, with soaking unit mounted on angle frame with 12 rinser, stop cock, tank of G.I. sheet/ Stainless Steel Sheet.			
12.	Digestion & Distillation Apparatus Complete with Glass parts (Ajanta) - Model No. Aei-129 We Are Engaged In Making Available Never-Failing Kjeldahl Distillation & Digestion Combined Unit (Without Glass Part). We Are Associated With The League Of #1 Manufacturer And Suppliers Of Kjeldahl Distillation & Digestion Combined Unit In Delhi. Each Unit, Which Rolls Off Our Manufacturing Unit, Is Ensured To Work Safely And Efficiently. And The Guarantee Of Quality Is An Assured Thing To Benefit From Our Products.	1	120000	120000
And the state of t	Digital Melting Point apparatus (Ajanta) - This is a compact instruments designed for accurate determinations of melting points of solid samples.  Salient Features: Cylindrical silicon oil bath Built-in magnetic stirrer with electronic speed controller. Electronic controller for adjusting the heating rate. Digital display of temperature with PT-100 sensor Glare-free back-ground light with adjustable	1	65000	
	light intensity. Provision for holding the melting point display  Description.			65000
14.	Water bath Shaker- Model No. AEI-270 (Ajanta)  SHEL LAB Reciprocating Water Baths deliver precise temperature control and a smooth reciprocal shaking motion. Temperature and oscillation controls feature an easy to read P.I.D. microprocessor temperature controller and an independent safety thermostat.  The bath may be used with or without oscillation. Shaking speed is variable from 20 to 200 oscillations per minute, and the stroke length can be adjusted to three separate settings: 0.5, 1.0, or 1.5 inches to minimize the chance of accidental spillage. Also, the unique basket support system is designed to eliminate tank wear, yet still provide full support and free action for a heavily loaded basket. A durable finish on the housing prevents corrosion and chipping. In addition to a stainless steel tank, the bath platform tray is designed for optimum temperature uniformity. Maximum temperature is achieved using the stainless steel gable cover, which is designed to prevent condensate from dripping onto samples and assures uniform temperature conditions.	1	55000	55000
Frid	Model No. AEI-265 Offered provides working in General, Serum and Urine modes with general mode sensitivity of Na:0.5 ppm, K:0.5 ppm, Li:0.5 ppm, Ca:15 ppm. Also coming with Na & K filters with Ca & Li filters made available at optional at extra costs, these have resolution of 0.1 ppm / meq with reproducibility of + 2% FS, &± 2 Digits, curve fit accuracy of +	1	110000	
	2% FS and 20 x 4 Alphanumeric backlit LCD display support. The system also provides up to 5-Point calibration with curve			110000

fitting software and features RS-232C interface support.			
	No.		
No. AEI-220 (Ajanta)- We are offering magnetic stirrer. Description: highly polished ss top plate for optimum heat transfer pmdc motor for higher torque even at low speeds accurate steeples speed control maintains speed stability bushing according to din 12878 for connecting a contact thermometer digital led display for temp. & rpm available	1	8500	8500
	*	65000	
Microprocessor water analysis kit (Ajanta) - Model No. AEI- 114 (Ajanta)-		65000	
Offered Can Deliver Working In PH Range Of 0-14 Ph, Ph Resolution Of 0.01ph, Ph Accuracy Of + 0.01 Ph (Relative) As Well As Automatic & Manual Calibration Support.	8) T		
PH: Range : 0-14 Ph	3	13	
Resolution : 0.01ph	10.		
Accuracy : + 0.01 Ph ( Relative)	\$ \$	- 10-	
Temp. Comp. : Automatic With Pt100 Sensor			
Buffer Recognition: 4.00, 7.00, 9.20 (Automatic)		****	
Calibration : Automatic & Manual			
Dissolved Oxygen: Range : 0 To 20 Ppm			i gal
Resolution : 0.1 Ppm			
Calibration : Automatic		5.4	
Accuracy :+ 0.2 Ppm + 1digit			
Temp. Comp. : Automatic With Pt100 Sensor		1 19	
Pressure Comp. : 0-999 Mm Of Hg (Manual)			
Salinity Correction : 0-20 Mg/L			
Mv/ORP: Range :- 2000 To +2000 Mv			
Resolution : 1 Mv		,	
The state of the s			
A Company of the Comp		7	65000
Accuracy :+ 0.2% + 1digit	1		
	Muti Magnetic Stirrer with Hot plate (Ajanta) - digital Model No. AEI-220 (Ajanta) - We are offering magnetic stirrer. Description: highly polished ss top plate for optimum heat transfer pmdc motor for higher torque even at low speeds accurate steeples speed control maintains speed stability bushing according to din 12878 for connecting a contact thermometer digital led display for temp. & rpm available providing high accuracy.  Microprocessor water analysis kit (Ajanta) - Model No. AEI- 114 (Ajanta) - Offered Can Deliver Working In PH Range Of 0-14 Ph, Ph Resolution Of 0.01ph, Ph Accuracy Of + 0.01 Ph (Relative) As Well As Automatic & Manual Calibration Support.  PH: Range : 0-14 Ph Resolution : 0.01ph Accuracy :+ 0.01 Ph (Relative)  Temp. Comp. : Automatic With Pt100 Sensor  Buffer Recognition: 4.00, 7.00, 9.20 (Automatic)  Calibration : Automatic & Manual  Dissolved Oxygen: Range : 0 To 20 Ppm  Resolution : 0.1 Ppm  Calibration : Automatic  Accuracy :+ 0.2 Ppm + 1 digit  Temp. Comp. : Automatic With Pt100 Sensor  Pressure Comp. : 0-999 Mm Of Hg (Manual)  Salinity Correction: 0-20 Mg/L  Mv/ORP: Range :- 2000 To +2000 Mv	Muti Magnetic Stirrer with Hot plate (Ajanta) - digital Model No. AEI-220 (Ajanta) - We are offering magnetic stirrer. Description: highly polished ss top plate for optimum heat transfer pmdc motor for higher torque even at low speeds accurate steeples speed control maintains speed stability bushing according to din 12878 for connecting a contact thermometer digital led display for temp. & rpm available providing high accuracy.  Microprocessor water analysis kit (Ajanta) - Model No. AEI-114 (Ajanta) - Offered Can Deliver Working In PH Range Of 0-14 Ph, Ph Resolution Of 0.01ph, Ph Accuracy Of + 0.01 Ph (Relative) As Weil As Automatic & Manual Calibration Support.  PH: Range : 0-14 Ph  Resolution : 0.01ph  Accuracy : + 0.01 Ph (Relative)  Temp. Comp. : Automatic With Pt100 Sensor  Buffer Recognition: 4.00, 7.00, 9.20 (Automatic)  Calibration : Automatic & Manual  Dissolved Oxygen: Range : 0 To 20 Ppm  Resolution : 0.1 Ppm  Calibration : Automatic  Accuracy : + 0.2 Ppm + 1digit  Temp. Comp. : Automatic With Pt100 Sensor  Pressure Comp. : 0-999 Mm Of Hg (Manual)  Salinity Correction: 0-20 Mg/L  Mv/ORP: Range : - 2000 To + 2000 Mv  Resolution : 1 Mv  Calibration : Manual  Accuracy : + 0.1% + 1digit  Temperature: Range : -100 To +200 Degree C  Resolution: 0.1 Degree C	Muti Magnetic Stirrer with Hot plate (Ajanta) - digital Model No. AEI-220 (Ajanta) - We are offering magnetic stirrer. Description: highly polished ss top plate for optimum heat transfer pmdc motor for higher torque even at low speeds accurate steeples speed control maintains speed stability bushing according to din 12878 for connecting a contact thermometer digital led display for temp. & rpm available providing high accuracy.  Microprocessor water analysis kit (Ajanta) - Model No. AEI-114 (Ajanta) -  Offered Can Deliver Working In PH Range Of 0-14 Ph, Ph Resolution Of 0.01ph, Ph Accuracy Of + 0.01 Ph (Relative) As Well As Automatic & Manual Calibration Support.  PH: Range : 0-14 Ph Resolution : 0.01ph Accuracy : + 0.01 Ph (Relative)  Temp. Comp. : Automatic With Pt100 Sensor  Buffer Recognition : 4.00 , 7.00 , 9.20 (Automatic)  Calibration : Automatic & Manual  Dissolved Oxygen: Range : 0 To 20 Ppm  Resolution : 0.1 Ppm  Calibration : Automatic  Accuracy : + 0.2 Ppm + 1digit  Temp. Comp. : Automatic With Pt100 Sensor  Pressure Comp. : 0-999 Mm Of Hg (Manual)  Salinity Correction: 0-20 Mg/L  Mv/ORP: Range : - 2000 To + 2000 Mv  Resolution : 1 Mv  Calibration: Manual  Accuracy : + 0.1% + 1digit  Temperature: Range : -100 To +200 Degree C  Resolution: 0.1 Degree C

	Input : Pt100 Calibration: Manual			
	Conductivity: Range: 0-200.0 Ms/Cm			
	Range Selection: Automatic			
	Resolution : 0.01 Us/Cm			
	Accuracy : + 0.5%			
	Temp. Comp. : Automatic With Pt100 Sensor			
	Ref. Temp. : 25 Degree C			
	Temp. Co-Efficient: 0-4% Adjustable			
	Ceil Constant : 0.05 To 2.0 Adjustable			
	TDS: Range : 0-200 Ppt			
	Range Selection : Automatic			
	Resolution : 0.1 Ppm			
	Accuracy : + 0.5%	ļ		
	TDS Factor : 0.5 By Default( Adjustable)		ı	
	Accessories: Ph Electrode			
	Two Buffer Solutions Conductivity/TDS/Salinity Cell			
	DO Probe, DO Membranes, KCL Temp. Probe Operation Manual			·
10	ORP Electrode AT EXTRA COST Oil free vacuum machine (Ajanta)- Features:	1	17500	
10	No Lubrication required			
*	<ul> <li>Noiseless performance</li> <li>Absolutely Portable</li> </ul>			
8	Other Details:			
4	Other Details.			
6 0 % all	No Lubrication required			
9	Noiseless performance			
A. Carried	Absolutely Portable			
	Totally Oil - free construction			
	Practically maintenance free			
of garyen	Built - in micro suction filter			
Photo Person	<ul> <li>Special diaphragms available (Teflon / vi-ton etc.)</li> </ul>			
C14-16-15	<ul> <li>Extra large bearings for trouble - free and smooth</li> </ul>			
V 0 1 2 4	running			
A Activities	<ul> <li>Pump available with flame - proof motor (Model ATV</li> </ul>			
	- 45 - FM)			
	Pump available with 24 V / 48 V DC (Model ATV - 15 - DC -			17500
4	1500)	٠.		

19.	Chemical Analyzer (Ajanta)- The Quintox industrial combustion analyzer does the following: Measures: O2, C0, Inlet temperature, Flue temperature - Calculates: Efficiency, CO2, Net stack temperature, Losses, Excess Air, CO/CO2, Poison Index, Net Temperature Differential - Integral printer - 15' handset cable 15' probe hose w/1000(F, 12" shaft - Nearly 2000 test memory slots	1	150000	150000
20.	Rocking Microtome (Ajanta)- It is designed for sectioning comparatively soft, wax-embedded tissues with a thickness range of 2mm to 24mm, in steps of 2mm. Calibrated in 2 micron	1	24500	,
	divisions, the section cutting thickness can be set easily and quickly by a single control. It is recommended for elementary biology & pathology students. The rocking microtome is an extremely reliable instrument comprising of three moving parts.	. 4		
	The lead screw mechanism incorporates quality precision engineering and the cutting stroke is controlled by a single control lever which minimizes the operator skill required.	2		24500
21.	Turbidity meter (Ajanta)- We are recognized as wellestablished organization engaged in manufacturing trading exporting and supplying a wide range of digital turbidity meter which can effectively determine turbidity level of dispersant in	1	13500	
	liquids. This instrument scatters light for its operations. Our offered meter is commonly used for measuring sulphates phosphates chlorides zinc and silver. Under the vigilance of our	g. 4		13500
22.	experts this meter is rigorously tested on various parameters of quality to ensure its flawless performance.  Autoclave (Ajanta) - The Deluxe Quality Autoclaves are	1	97500	
	sturdily constructed in rustproof, heavy gauge aluminum for use in rugged condition. Its a unique vessel that generates steam under pressure and temperature between 120°C to 135°C. On reaching the right temperature the instruments are subject to a			
	saturated steam environment for a pre-specified time which results in safe and guaranteed sterilization.	<u>.</u>		97500
23.		1	. 6500	6500
24.	Smart Board (Ingress) - Interactive whiteboard Device converts whiteboard with projector to smart board, you can interactive with the image using stylus. Suitable for Classroom	1	165000	165000
25.	conference room, Hitachi's CP-X3042WN LCD projector	1	65000	
	life reliability. Bright, vivid colours with razor-sharp text and bold graphics will truly enhance any lesson or meeting and make it more memorable. For greater installation convenience, the CP-X3042WN has a cloning function which enables you to			4.
	copy configuration settings from one projector to others of the same model via USB memory. The CP-X3042WN also includes our iOS application Projector Quick Connection App which offers simple control options including sending photo and			65000
26.	document files and web site contents to the projector.  Mixture Grander (Singer)	1	8500	8500
27.	Chenomatic Balance (Vikash Varanasi)	1	22500	22500
28	Single Pan Balance	2	27300	54600

29.	Vacuum Pump	2	18650	37300
30.	Operational Manual for temp. & Humidity meter	6	1500	9000
31.	Aspirator Bottle cap. 20 ltr. (Poly Lab)	3	8500	25500
32.	Cork borer set of six	12	650	7800
33.	Spatula	12	150	1800
34.	Hot Plate (Ajanta) - Description: 110v 50hz sh-2 hot plate magnetic stirring machine stir healthcare lab specifications: model: sh-2voltage: 110v/50hzheating power: 180wmotor power: 10wstirring speed: 0-1600r/ministering capacity: 500mlheating-platesize: 120 x 120mmmaximum heating plate temperature: 380° c height: 39.5cmsize: 20.5x12. 3cm features: 1, the shell and the upper cover are respectively used die casting, stretching process, the surface of the process, in order to prevent the liquid leakage is like. 2, can be heated and stirred at the same time. 3 fully enclosed heating plate, no open flame, heating up fast, and durable. 4, the heating power and stirring speed step less adjustable. 5, suitable for industrial, agricultural, medical and health, scientific research institutions, colleges and universities laboratory liquid mixing heating. Packing includes: 1 x main unit1 x adaptor(according to your country distributed adapter)1 x fuse1 x English mannual1 x user manual more details:	3	9500	28500
35.	Copper water Bath (Ajanta)	6	1500	9000
36.	Laptop 6th Generation (Lenovo)- 4 GB RAM, 1 TB HDD, I5 Processors, 15.6" Screen	1	55000	55000
	Grand Total =			2061000
	a second			

Amount (In words Rs.):- Twenty Lakh Sixty One Thousand Only.

#### Department of Botany

CI.				m	Justification
SI. No.	Name of Items	Qty.	Rate	Total Amount	
		2	65000		It is
1.	Binocular Research Microscope (Olympus) - Model No. AEI-111	2	65000		imperative
	Objective:4x,10x,40x(S),100x(Soil) Wide Field Plane-Scope Biological Microscope: 45mm DIN Achromatic				for College
	Objective:4x,10x,40x(S),100x(Soil) Wide Field Plane-Scope				to have the
	France:WF10X.WF16X: Total agnification:40x-1600x Direct/				latest and
	107x-2680x From Dia2-30mm Iris Diaphragm And Dia32 Filter;				high quality
	Abe Condenser: N.A. 1.25; Coaxial Coarse And Fine Focusing			130000	science lab
-	Adjustable Mechanism:25mm,Precision:0.002mm; Illumination Halogen Lamp 220V/6V20W.				supplies
2.	Monocular Research Microscope (Olympus) - MONOCULAR	2	55000		these days.
	head inclined at 450 and rotatable in 3600 lockable at any angle.				Effective
	Inter nupillary distance adjustments provided. Eyepiece anti-				teaching and
	fungal KEOWA Wide Field WF 10x/FOV 18mm (PAIRED) A.R.				learning of
	coated eyepiece with high eye point and foldable eye guards.  Nosepiece- Quadruple ball bearing nosepiece with POSITIVE				- 1
	click stop & rubber grip. Objectives- KEOWA Semi Plan				science
	Achromatic objectives 4x/NA 0.10, 10x/NA 0.25, 40x/NA				involves
	0.65(SL) and 100x/NA 1.25(SL) Oil imm, anti fungal treated.				seeing,
	Stage- Double Plated Rectangular stage (Ball Bearing Type) of size 120x140mm having low positioned co-axial controls. Both				handling,
	X & Y axis having graduated scale & verniers reading to 0.1mm.				and
	Focusing- Co-axial fine & coarse focusing control with ball				manipulating
Ì	Dearing guide ways based on four stage gear reduction system,				real objects
1	free from any back lash & large knobs provide a soft & sophisticated touch to the microscope. Tension- Control Ring				and
8	Emable you to adjust tension on coarse focusing knobs.				materials.
8	Croderser- Focusable Abbe two lens type condenser NA 1.25				
30	Freed with iris diaphragm and swing out filter holder with blue				The
3	Titer moving up and down through rack and pinion mechanism.  The moving up and down through rack and pinion mechanism.  The moving up and down through rack and pinion mechanism.			110000	knowledge
104	Falores Jamp & intensity controlled power supply.				that students
13	Tissue Culture Microscope (Olympus) - Model No. AEI-105 -	1	95000		attain in
100	Tissue Culture Rack Are Very Useful For Various Types Of				classrooms
Ž.	Tissue Culture Plants And Other Tissue Culture Work In Tissue				would be
1	Culture Room.Our Company Offers Tissue Culture Rack, Which				ineffectual
1	is Used For Tissue Culture Plants And Tissue Culture Work In				unless they
40104a	Tissue Culture Room. We Have Gained Recognition As One Of				actually
}	The Trusted Tissue Culture Growth Rack Manufacturers.				observe the
	Specifications: Made By: Tissue Rack Are Made Of Tubular Mild Steel Pipes Duly Painted For Longer Life Or Made Of Aluminium.				
-	Steel Fibes Duly Familied For Bonger Bite of Made of Manifimidit.				process and
-	Racks Specification : Each Rack Of Size 48"X18" (Depth) Is				understand
	Covered With Thick Glass Or Sun Mica Paste Dour Board.				· the
4	Distance Between Each Rack Is 15". Lighting: Four Fluorescent				relationship
·	Tubes Are Glare Free Lights Are Built In Upper Portion In				between
2	Worktable. UV Germicidal Light: Are Fitted Inside The Rack.				action and
8	Chocks: All Fluorescent Tubes Chocks And Ultra Violet			95000	reaction.
17	Germicidal Tube Chocks Are Fitted Out Side Of Rack. Timer: 0-				

***	A SEPTEMBER	24 Hours Digital Timers Are Provided Of Tissue Culture Rack.	1			Science lab	
		Control Panels: All Control Panels Are Fitted Tops Of Tissue				equipment	
	- 1	Culture Racks. On/Off Switch Of Fluorescent Tubes And UV			1.	allows	
	- 1	Tubes, All Control Panels Are Fitted Separately In Each Rack					
	- 1	With Indicator Light, Easy Mobility : The Whole Rack Is				students to	
		With Indicator Light, Easy Mobility : The Whole Rack is			9	interact	
1		Provided With Four Nos. Castor Wheels At The Bottom For Easy				directly with	
		Mobility To Any Place.				-	i
			1	115000		the data	
-	4	B.O.D. Incubator- Inner chamber: S.S. 304, Exterior cabinet:	7	115000		gathered. So	ı
£		Mild steel powder coated, No of S.S. Shelves: 02 Nos Temp				please	ĺ
		range: 5°C - 60°C, Controller: Microprocessor based Auto-Tune				•	١
1		PID Digital Temp & Rh Controller Temp accuracy: ± 0.5 °C,				provide	
ė.		Volume capacity: 120 litres, Mobility on castor wheels, U-				these Lab	
N. II. A.		shaped Tubular Heaters Main unit, refrigeration system, Digital				equipments	١
S. S. C.		Temperature PID controller, Instruction Manual, IQ-OQ-PQ			115000		١
A		Documents on request Full size acrylic sheet inner door,			115,000	to the	
· Comme		Electrical wiring as per CE Compliances	1	105000		college so	١
-	5.	Laminar Air Flow (Ajanta)- Our Esteemed Clients Can Avail	1	103000		that students	١
1		From Us An Exclusive Range Of Laminar Air Flow. We Offer Our					
		Product Range In Various Sizes, Thickness And Designs In Order				get up to	
		To Meet Various Requirements Of Our Precious Clients. Laminar			1	date	١
		Air Flow Is Precisely Fabricated By Our Skilled Professionals				knowledge	
		With Perfection Using Premium Quality Raw Material And					1
		Sophisticated Technology. We Offer Laminar Air Flow To Our					
		Valued Clients At Industry Leading Prices. Features: Strong & RIGID CONSTRUCTION Corrosion RESISTANT			105000		١
		Low-MAINTENANCE UV Spectrophotometer (Ajanta) - MONOCULAR head inclined at	1	185000			
1	6.	450 and rotatable in 3600 lockable at any angle. Inter pupillary					1
400		distance adjustments provided. Eyepiece anti-fungal KEOWA					1
		Wide Field WF 10x/FOV 18mm (PAIRED) A.R. coated eyepiece					1
į		with high eye point and foldable eye guards. Nosepiece-					
HTMC		Quadruple ball bearing nosepiece with POSITIVE click stop &					Ì
		a pher grip. Objectives- KEOWA Semi Plan Achromatic					
17		ociocrives 4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65(SL) and					١
200	1	1.25(SL) Oil imm, anti fungal treated. Stage- Double			1		!
5	6	Postangular stage (Rall Rearing Type) of Size					
1	č.	1 120 140 mm having low positioned co-axial controls. Both X & I					
1	4	rais having graduated scale & verniers reading to 0.1mm.					
1	į.	Facusing Co-axial fine & coarse focusing control with ball					
	2	bearing guide ways based on four stage gear reduction system,				. ,	
	2	from any back lash & large knobs provide a soft &				1	
	4	conhisticated touch to the microscope. Tension- Control King					
	000	Enable you to adjust tension on coarse focusing knobs.					
	1	Candonsor, Focusable Abbe two lens type condenser NA 1.25	1				
		and swing out filter holder with bitte					
		61tor moving up and down through rack and pinion mechanism.	1		185000		
		Illumination- Ruilt-in Base illumination with 3W LED/6V-20W	1		105000		
	des	halogen lamp & intensity controlled power supply.	<del>  .</del>	42500		1	
	7	Projection Microscope (Ajanta) - The projection microscopes		42300	'		
		are ergonomically designed by our highly skilled and experience					
	N.	technocrats. The instrument is provided with the monocular	1				
	-	fixed straight tube of length 160mm. The device is provided	1				
	2	with the triple revolving nosepiece with positive click stops and					
	100	accurate centering. The mechanical stage of size 135 x 120mm					
	1000	is also provided with the machine. The stage has low co-axial					
		drive controls that ensure the movement of the stage in X-Y					
	-	direction and cross movement 50 x 75mm along with the fully			42500	)   ~	
		graduated vernier scale. The device is equipped with the		**			
	4	20watt/ 220 volt of halogen lamp which is provided for the				_	

			i	1
	natural cooling of the illuminator. The instrument is supplied	l		
	1			
	1 to about language and H10X and H15X eventeces. The diameter of		1	
	is 150mm which can be rotated over 300 degrees on			
	the specifications of this model is provided			1
	DDM 11 A hut has only two objectives 10A and 45A			
	whereas the screen size of the instrument is 100mm which is		ì	
	and with the mechanical stage.			
	Micro photographic Camera (Ajanta) - Canon Sony Pentax Nikon	1	32500	l
8.	Olympus Samsung and other Digital Camera with 1/4" Screw			
	Hole The rail has a geared drive system which greatly enhances			1
	Hole The rail has a geared different of the mil Speed of			1
	accuracy and speed of adjustment of the rail. Speed of			1
3	adjustment of the rail greatly with two precise double scales,			32500
	and allows precise distance modification Compatible with most			i
	Film and Digital SLR Cameras	1	22500	
9.	Hot Air Oven (Ajanta) - Standard double wall fabrication. Inner		22300	
2	shamber made of richly anodized aluminium of nighty polished			1
	stainless steel sheet. Exterior fabricated out of thick mild steel			
	sheet duly finished in stove enamel off-white paint or paste mat			1
•	finish colour combinations. The gap between the walls is filled			
Caree	with-special grade glass-wool for heat insulation. Nichrome			
	wire heating elements -provided on three sides attain quick and	2		22500
1	uniform heating in range of 50oC to 250oC + 1oC controlled by			22300
	capillary type thermostat, size 12"X12"X12"			
10.	Vacuum Oven (Ajanta) - "Tempo" make Vacuum Oven is made of	1	32500	340
10.	Incide C C 316 mirror finish and Outer S.S. 304 with dull smooth			
	buff finish 4" high grade glass wool insulation for Rectangular			
	Model & 3" high grade glass wool insulation for Circular Model			
	to minimized heat loss. Shelf system stainless steel trays			22500
	improve heat conduction to samples. Toughened glass window			32500
	in door to allow viewing of samples inside the chamber			1
111.		2	29500	
111-	Specifications (Table Model are Touch Button Calibrations)			
-	Model 501 Deluxe pH Mete 502 Digital pH Meter 503 Portable			
1	Model Display 3 1/2 digit LED Range pH 0 to 14.00 mV 0 to +			
	1999 Resolution pH 0.01 mV 1 - Accuracy pH +0.01 mV +1 -			
1	Temperature Auto 0 to 100d Compensation Manual 0 to 100d			
4	Scope Correction 80 to 120% Power 230V + 10% 1 x 9V Battery			
	Dimensions 76 x 275 x 175 Accessories: • Combination pH			
	Electrode, Buffer Tablets 4pH & 7pH, Operation Manual,			59000
i,	Electrode, Buner Tablets 4pH & 7pH, Operation Manager	1		
-	Electrode Stand, Dustcover.  Digital Conductivity Meter(Ajanta) - Technical Specification	2	16350	
112	Digital Conductivity Meter (Mjanta) - Technical Specification			
42	Model Table Model (ST-213) Portable Model (ST-214) Display 3 1/2 Digit LED 3 1/2 Digit LCD Range 0-200 µS 0-2,0-20,0-200 &			
*	1/2 Digit LED 3 1/2 Digit LCD Range 0-200 µ3 0-2,0-20,0-200 &			
7	0-1000mS 0-1999µS 0-19.99 mS Temperature Compensation			
N. 47.16	Manual 0-50oC - Cell Constant Adjustment Adjustable			
ACCOUNT.	Adjustable Conductivity Cell Platinum DIP Type Platinum DIP			
-	Type Resolution 0.1µS 0.1µS Accuracy +1% FS +1 Digit +1% FS			
-	+1 Digit Power 230v + 10% ac, 50 Hz 1 x 9V Battery Dimensions			
	250mm x 185mm x 85mm 165 x 85 x 28 mm Weight 2 kg.			22700
-	(Approx.) 0.8 kg. (Approx.) Accessories Conductivity Cell,			32700
-	Operation Manual.	-		
13.	Digital T.D.S. Meter(Ajanta) - Digital table Model TDS Meter, 3œ	2	16700	! !
TOTAL STATE	Digit LED display with facility for Digital Cell constant			
N. C.	adjustment along with TDS C000ell. 5 ranges, 0-1000 ppt			
20	Mhos/cm. Cell Constant Adjustment is adjustable. Conductivity			
2	Cell is Platinum DIP, Measuring Frequency is 1000HZ, Supplied	1		
200	complete with cord & plug to work on Single Phase 220 / 230			33400
4.	volts A.C. supply.			
	total thousapping.			

14.	Water and soil analysis kit(Ajanta) - We are engaged in a field of	1	33500	
	supplying excellent quality of Digital Water & Soil Analysis Kit to		λ .	
	our valued clients across the world. We are manufacturing this			ĺ
1	product by using very recently updated technology and	1	İ	
	supreme quality raw material. This is a portable instrument		1	1
	system for analyzing the features of soil and water	1		
	compositions. The key feature of this kit is its durable nature,			
	compact design, and precise functionality. We are supplying this		1	
	product at a very marketable rate. Details: Technical		1	
	Specification PH Range 0 to 14pH Temp. Comp. 0oC (Manual)			
	Resolution 0.01pH Accuracy +0.01 pH Conductivity			1
	Range 1 5 - Cell Constant 0.4 - 1.5 Adj Resolution 0.1 Micro	1		1
	mhos Accuracy + 0.5% FS Temperature Range 00 - 100oC -			1
	- Resolution 0.1oC Accuracy +0.1oC + digit - T.D.S. Range 15	i		1
	Cell Constant 0.4 - 1.5 Adj Resolution 0.1ppm Accuracy			1
	-5% FSD D.O. Range 0-20 ppm - N.A. Temp. Comp. 0.1 ppm -			1
	N.A. Resolution +0.3 ppm - N.A. Accuracy 50 to 500 (Manual) -			
	N.A. Turbidity Range 0-1000 NTU/JTU - N.A. Resolution 1	1	ł	
	NTU/JTU - N.A. Accessories 1) pH Electrode 2) Standard			
	Solution 7.0 pH & 4.0 pH 3) ORP Electrode (On Demand) 4)	1		
	Temperature Probe 5) Conductivity/TDS/Cell 6) DO Probe test	1		33500
	tube 7) Instruction Manual			
	Water Bath (Ajanta) - We are one of the widely acclaimed	2	12500	
15.	exporters, manufacturers and suppliers of Thermostatic Water	-	12300	
	Bath. The offered thermostatic water bath is specially designed	1	1	
	Bath. The offered thermostatic water bath is specially designed			25000
	for the testing of materials, on specified environmental			23333
-	conditions.	2	12500	
16.	Serological water bath(Ajanta) - Serological water bath, product	-	12300	
	description, serological water bath (thermostatic water bath),		1	
	temperature range 5°c above from ambient temperature to 80°			
	c. Thermostatic control with accuracy of ± 0.5° c to 1°c. Double		1	
	walled, inside stainless steel and outside mild steel painted in			
	epoxy powder coating. Bath consists of two pilot lamps.			1
	Temperature control knob and on off switch. To work on 220			
	_30 volts a.c. Supplied with or without stirring arrangement,	!!		1
	thout racks and thermometer. Lid of water bath is made of	İ	ĺ	25000
	sta tiless steel sheet, size inside chamber (stainless steel) lx w x			23000
	2 3 0 0 x 175 x 175 mm, capacity (approx.):12 litre.	3	26750	
~	gtal Electronic Balance (Ajanta) - 500g 0.1 accuracy Digital	3	20/30	
	Brance Pocket Weighing Jewellery Electronic LCD Scale Gram			
	Description: * This electronic pocket scale is perfect for any			
	small item that you can think of. * It has a "tare" feature, which			
	can set the weight to "zero" after putting a pan on the scale, so			!
	you can weight your valuable thing on the pan. * The flip-open			1
	cover protects the stainless steel weighing platform when the			
	scale is not in use. • The bright LCD display makes it very easy to			
	read in the dark. The pocket scale that you are bidding for			į
	comes in Black color. * Operation Manual is included. * Powder			
	can be weighed accurately, but can not be put on the scale			
	directly! Specifications: * Measurement: 500Gx0.1 * Tare Range:			
	Tare full Canacity * Auto off: 30 seconds off * Units:			
	g/oz/ct/ozt/dwt/gn/tl * Power: 1.5V x 2AAA battery(not			
	including) * Scale Size: 120 x 64 x 20mm * Pan Size: 50 * 55mm			00000
	Colour: Silver * Netweight: 102g * Package Size: 128*70*23mm *			80250
	Weight Included Package: 116g	1		
transcer.	Degital D.O. Meter (Ajanta) - Digital Dissolved Oxygen Meter: - 3	3	16500	40500
*	e digit LED display with Gold/Silver D.O. probe. (Table Model).			49500
		-		
	Flame Photometer (Ajanta) - Microprocessor Flame Photometer	2	62500	125000
	1385 comes with flame failure detection and auto gas cut of	1		125000
	facility. In case of power failure, the gas cuts off automatically. In			
	The second secon			

	case the flame goes off accidently during work, the flame failure	1	1	,
	alarm sounds after few seconds, in models 5-Point calibration	1.436		9
	facility and non-linearity correction is provided through an			
	automatic curve fitting software. Facility has been provided for	many p		
	re-standardization with a single standard, thereby, eliminating	1130		
	the need of the multiple standards once a calibration has been	L Year	11.	
	performed. Auto Gas Cut off, Auto Flame Failure Detection,	146		
	Direct Results in ppm and meq, Useful for Medical & Soil	- / -		
	Testing.	1. 2.04		
Securitarian Securitaria	Laboratory Centrifuge (Ajanta) - It has a compact stirring device	3	9500	***************************************
1	whizing a rotating magnetic field (created by a permanent		7.00	
*	magnet) which induces variable speed stirring action. Stirring is			
*				
į	accomplished by means of small Teflon rotor, which when	7.4		
1	placed in the liquid to be stirred is capable of rotation by		1	7 5
	magnetic field applied from below the container. Continuous	1.0	7.	a luĝaj lu
	Heavy duty A/C stirrer with 1/4 HP Brushless, High Torque			
1	Variable Speed Motor with Hollow Shaft & propeller of SS 316,	Section 1	-47 / 14	- marging a set
1	chuck, having facility of presetting & indication of speed. These		1 A	2.3.6
1	Stirrers are specially designed brushless AC variable speed			
	stirrers driven by frequency inverter to ensure reproducible			28500
Secretary Secretary	speed with any load.		1111	1
21.	Water Delonizer (Ajanta) - Delonised water system is a	1.	42500	1 -1
	complete, all-in-one delonization package. Included with the		11 "	
	unit are a pre-sediment and carbon filter, (2) 14" x 47" DI tanks		"过心之	* *
	come with purity lights and one final sediment filter. This		2,500	The First
	system incorporates all the benefits and simplicity of		,	
	defonization (DI) without the added cost, complexity, and water			42500
	waste of reverse osmosis (RO).			.2500
22.	Vortex Shaker (Ajanta) - Vortex shaker test tube shaker fitted	1	18500	
1	with neoprene rubber cup mounted eccentrically on the shaft	•	10300	18500
	With high speed control arrangement provided			10300
23.	Rotary Shaker (Ajanta)- It has a compact stirring device utilizing	1	32500	
1 20.	a rotating magnetic field (created by a PERMANENT MAGNET)		34300	
į.	which induces variable speed stirring action. Stirring is	1	** * DE _ * *	
6	accomplished by means of small Teffon rotor, which when		the let t	4 - 6 - 2
\$	placed in the liquid to be stirred is capable of rotation by			
1	magnetic field applied from below the container. Continuous			7
Ž.				1.5
-	Heavy duty A/C stirrer with 1/4 HP Brushless, High Torque Variable Speed Motor with Hollow Shaft & propeller of SS 316,			
1			2.2	
1	chuck, having facility of presetting & indication of speed. These			
i i	Stirrers are specially designed brushless AC variable speed	-		ti bawasi
7	stirrers driven by frequency inverter to ensure reproducible		' .	32500
-	speed with any load.		F 1 5 5 5 5 5 5	
24.	Magnetic Stirrer (Ajanta) - Magnetic stirrer with hot plate,	2	8500	
-	product description, we are one of the leading manufacturer			
1	and exporter of magnetic stirrer, the entire array of these		1.	1
1	products is manufactured using optimum quality material and			i:
•	latest techniques. Clients can avail the offered range from us at	}		l
1	the most reasonable prices. Description:, highly polished ss top			
	plate for optimum heat transfer, pmdc motor for higher torque		j	
1	even at low speeds, accurate step less speed		, , .	
-				
apacity.	control maintains speed stability, bushing according to din			
	12878 for connecting a contact thermometer, technical data:			
j.	heating temperature range, ambient -3500, speed range, 50 -			
4	1500 rpm, heating plate material, polished stainless steel, motor			
8	rating, 9 4w, heat output, 450 w, stirrer bar length max. Output,			
*	80 mm, dimensions of hot plate body, 180 x 180, weight of the			17000
	body, 2.9 kgs.			17000
-	CAPE.			

25.	Smart Board (Ceramic) - Interactive whiteboard Device	1	165000	
	converts whiteboard with projector to smart board, you can interactive with the image using stylus. Suitable for Classroom and office. For presentation and Interactive Trainings- Ingress.			165000
26.	LCD Projector (Hitachi) - From the classroom to the conference room, Hitachi's CP-X3042WN LCD projector combines superior	1	65000	- 2 5
	image clarity, high quality value, and long-life reliability. Bright, vivid colours with razor-sharp text and bold graphics will truly			
S. Con Million	enhance any lesson or meeting and make it more memorable.  For greater installation convenience, the CP-X3042WN has a			
	cloning function which enables you to copy configuration settings from one projector to others of the same model via USB			
	memory. The CP-X3042WN also includes our iOS application Projector Quick Connection App which offers simple control			
	options including sending photo and document files and web site contents to the projector. Plus, Hitachi's Intelligent Eco			
	Mode with Image Care combines optimal picture performance			
	with maximum energy savings for a lower total cost of ownership. For added peace of mind, Hitachi's CP-X3042WN is also backed by a generous warranty and our world-class service			65000
27.	and support programs.  Mixture Grander (Singer)	1	8500	0500
-				8500
28.	Microwave Oven (IFB)	1	35000	35000
29.	Student Microscope (Olympus)- Metal Construction Movable Condenser Eyepiece: 10x, 15x Objective: 10x, 45x Total Magnification: 100x to 600x Separate Coarse Fine Focusing Knobs Plano concave mirror on gimble mount for illumination Fixed abbe type condenser with iris diaphragm 2 Prepared Slides, 50 Plane Slides Gives Clear Images Easy To Operate Ideal for School & Kids.	6	18500	111000
30.	Haemometer 4	12	1850	22200
31	Haemocytometer	12	1850	22200
32	Stide Projector (Ajanta)- Versatile design; rigid construction halogen lamp 24v-150w; noiseless cooling system; slide carrier for 2 slides; rigid construction; height adjustable; manual focusing; dimension: 9000 x 6000 MM	1	42500	42500
33.	Bacteriological Incubator (Ajanta)	1	65000	65000
	description, high temperature furnace 900°c (industrial), the furnace is insulated with ceramic fibre blanket of high density for better insulation. The furnace can run continuously at 900°c, trouble free. The furnace is quick heating type, light in weight, table mounting type, compact, elegant in design. Outer painted in epoxy powder coating. The hinged type swing door insulated with ceramic fibre to avoid heat losses from the door. The furnace is fitted with to avoid over heating for long life and trouble free working. The panel is fitted at the top of the furnace, muffle furnace 9 inch x 4 inch x 4 inch.	1		22500
35.	Rocking Microtome (Ajanta)- It is designed for sectioning comparatively soft, wax-embedded tissues with a thickness range of 2mm to 24mm, in steps of 2mm. Calibrated in 2 micron divisions, the section cutting thickness can be set easily and	1	24500	24500

Grand Total =	7 14		2110750	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
36. Laptop 6th Generation (Lenovo)- 4 GB RAM, 1 TB HDD, I5 Processors, 15.6" Screen	1	55000	55000	t of the
quickly by a single control. It is recommended for elementary biology & pathology students. The rocking microtome is an extremely reliable instrument comprising of three moving parts. The lead screw mechanism incorporates quality precision engineering and the cutting stroke is controlled by a single control lever which minimizes the operator skill required.		1		

Amount (In words Rs.):- Twenty One Lakh Ten Thousand Seven Hundred Fifty Only.

#### Department Of Zoology

SI.					Justification
No.	Name of Items	Qty.	Rate	Total Amount	
1.	Binocular Research Microscope (Olympus) - Model No. AEI-111	2	65000		It is
	-Objective:4x,10x,40x(S),100x(Soil) Wide Field Plane-Scope				imperative
	Biological Microscope: 45mm DIN Achromatic				for College
	Objective:4x,10x,40x(S),100x(Soil) Wide Field Plane-Scope Eyepiece:WF10X,WF16X; Total agnification:40x-1600x Direct/				to have the
	107x-2680x From Dia2-30mm Iris Diaphragm And Dia32 Filter;				latest and
	Abe Condenser: N.A. 1.25; Coaxial Coarse And Fine Focusing			,	high quality
	Adjustable Mechanism:25mm,Precision:0.002mm; Illumination			130000	science lab
	Halogen Lamp 220V/ 6V20W.	2	55000		supplies
-	Monocular Research Microscope (Olympus) - MONOCULAR head inclined at 450 and rotatable in 3600 lockable at any angle.	2	33000		these days.
	Inter pupillary distance adjustments provided. Eyepiece anti-				Effective
	fungal KEOWA Wide Field WF 10x/FOV 18mm (PAIRED) A.R.				teaching and
	coated eyepiece with high eye point and foldable eye guards.				learning of
	Nosepiece- Quadruple ball bearing nosepiece with POSITIVE click stop & rubber grip. Objectives- KEOWA Semi Plan				science
	Achromatic objectives 4x/NA 0.10, 10x/NA 0.25, 40x/NA				involves
	0.65(SL) and 100x/NA 1.25(SL) Oil imm, anti fungal treated.				seeing,
	Stage- Double Plated Rectangular stage(Ball Bearing Type) of				handling,
	size 120x140mm having low positioned co-axial controls. Both				and
	X & Y axis having graduated scale & verniers reading to 0.1mm. Focusing: Co-axial fine & coarse focusing control with ball				
	bearing guide ways based on four stage gear reduction system,				manipulating
1	free from any back lash & large knobs provide a soft &				real objects
1	sophisticated touch to the microscope. Tension- Control Ring				and
1	Enable you to adjust tension on coarse focusing knobs. Condenser- Focusable Abbe two lens type condenser NA 1.25				materials.
	fitted with iris diaphragm and swing out filter holder with blue				The
	filter moving up and down through rack and pinion mechanism.		I		knowledge
	Remination- Built-in Base illumination with 3W LED/6V-20W			110000	that students
	halogen lamp & intensity controlled power supply.	1	95000		attain in
3.	Tissue Culture Microscope (Olympus) - Model No. AEI-105 -	1	. 5000		classrooms
V	Tissue Culture Rack Are Very Useful For Various Types Of Tissue Culture Plants And Other Tissue Culture Work In Tissue				1
	Culture Room.Our Company Offers Tissue Culture Rack, Which				would be
	Is Used For Tissue Culture Plants And Tissue Culture Work In				ineffectual
	Tissue Culture Room. We Have Gained Recognition As One Of				unless they
	The Trusted Tissue Culture Growth Rack Manufacturers.				actually
	Specifications: Made By : Tissue Rack Are Made Of Tubular Mild				observe the
	Steel Pipes Duly Painted For Longer Life Or Made Of Aluminium.				process and
					understand
	Racks Specification : Each Rack Of Size 48"X18" (Depth) Is				the
	Covered With Thick Glass Or Sun Mica Paste Dour Board.				1
	Distance Between Each Rack Is 15". Lighting: Four Fluorescent				relationship
	Tubes Are Glare Free Lights Are Built In Upper Portion In				between
	Worktable. UV Germicidal Light: Are Fitted Inside The Rack.			=	action and
	Chocks: All Fluorescent Tubes Chocks And Ultra Violet				reaction.
4 4 4 4	Germicidal Tube Chocks Are Fitted Out Side Of Rack. Timer: 0-				Science lab
1	24 Hours Digital Timers Are Provided Of Tissue Culture Rack. Control Panels: All Control Panels Are Fitted Tops Of Tissue		1.0	95000	equipment
La constitución de la constituci	Culture Racks. On/Off Switch Of Fluorescent Tubes And UV			93000	
}	Culture Nacks. On Oil Switch Of Fluorescent Tubes This of				,

Pare		Tubes, All Control Panels Are Fitted Separately In Each Rack	estative la	1		allows
	1	With Indicator Light. Easy Mobility: The Whole Rack Is				students to
1		Provided With Four Nos. Castor Wheels At The Bottom For Easy	100			
	1		10.00			interact
-		Mobility To Any Place.	1	-		directly with
-		1 CC 204 Patentar arbitate	1	115000		the data
4	4.	B.O.D. Incubator- Inner chamber: S.S. 304, Exterior cabinet:	, <b>,</b>	113000		
1		Mild steel powder coated, No of S.S. Shelves: 02 Nos Temp				gathered. So
*	and w	range: 5°C - 60°C, Controller: Microprocessor based Auto-Tune		: 6		please
1	1	PID Digital Temp & Rh Controller Temp accuracy: ± 0.5 °C,			909.5	provide
1	4	Volume capacity: 120 litres, Mobility on castor wheels, U- shaped Tubular Heaters Main unit, refrigeration system, Digital	140			-
-		Temperature PID controller, Instruction Manual, IQ-OQ-PQ				these Lab
1	1	Documents on request Full size acrylic sheet inner door,	-		115000	equipments
1	- 0	Electrical wiring as per CE Compliances	445			to the
***	-	Laminar Air Flow (Ajanta)- Our Esteemed Clients Can Avail	1	105000		
1	2	From Us An Exclusive Range Of Laminar Air Flow. We Offer Our	The Co	-	-11	college so
I.	1	Product Range In Various Sizes, Thickness And Designs In Order	June 1	.1.09.		that students
-		To Meet Various Requirements Of Our Precious Clients. Laminar		- 4	2.5	get up to
1		Air Flow Is Precisely Fabricated By Our Skilled Professionals				date
7		With Perfection Using Premium Quality Raw Material And				
		Sophisticated Technology. We Offer Laminar Air Flow To Our	7			knowledge
400		Valued Clients At Industry Leading Prices. Features: Strong &		1		,
1		RIGID CONSTRUCTION Corrosion RESISTANT	1		105000	
1		Low-MAINTENANCE	er Sametty	4, 5	÷ 4	
1	6.	UV Spectrophotometer (Ajanta) - MONOCULAR head inclined at	1	185000	1.7	
1	٠.	450 and rotatable in 3600 lockable at any angle. Inter pupillary				
i		distance adjustments provided. Eyepiece anti-fungal KEOWA	1			
-		Wide Field WF 10x/FOV 18mm (PAIRED) A.R. coated eyepiece		P. Children		
-		with high eye point and foldable eye guards. Nosepiece-		7 5		
4		Quadruple ball bearing nosepiece with POSITIVE click stop &	1		1	2 6
erson.		rubber grip, Objectives- KEOWA Semi Plan Achromatic	1			
-		objectives 4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65(SL) and		- 1		S. A. H.
-		100x/NA 1.25(SL) Oil imm, anti fungal treated. Stage- Double		, h	- 20°	· -
*		Plated Rectangular stage(Ball Bearing Type) of size		1.6		100 100
The state of		120x140mm having low positioned co-axial controls. Both X & Y	1	1		A
14.14		axis having graduated scale & verniers reading to 0.1mm.			a myleran	And promition of a constraint
. 6		Focusing- Co-axial fine & coarse focusing control with ball		100	7	
		bearing guide ways based on four stage gear reduction system,	1 -			
1		free from any back lash & large knobs provide a soft &				
Contract of		sophisticated touch to the microscope. Tension- Control Ring		,		
1		Enable you to adjust tension on coarse focusing knobs. Condenser- Focusable Abbe two lens type condenser NA 1.25			1	ja.
-		if fitted with iris diaphragm and swing out filter holder with blue				
1		filter moving up and down through rack and pinion mechanism.	7	11/2	-	
-		Illumination- Built-in Base illumination with 3W LED/6V-20W			185000	
-		halogen lamp & intensity controlled power supply.				
1	7.	Projection Microscope (Ajanta) - The projection microscopes		42500		1
Sec.	/.	are ergonomically designed by our highly skilled and experience		1.2000		
		technocrats. The instrument is provided with the monocular		*		
1		fixed straight tube of length 160mm. The device is provided				
-		with the triple revolving nosepiece with positive click stops and		4		9
-		accurate centering. The mechanical stage of size 135 x 120mm				27. 1
		is also provided with the machine. The stage has low co-axial				
40.00		drive controls that ensure the movement of the stage in X-Y			10.22	9
L. Maria		direction and cross movement 50 x 75mm along with the fully		g ** 1		
-	1	graduated vernier scale. The device is equipped with the			-	
		20watt/ 220 volt of halogen lamp which is provided for the				
		natural cooling of the illuminator. The instrument is supplied				
		complete with the 4X - 10X -40XSL magnification achromatic				
		objective lenses and H10X and H15X eyepieces. The diameter of	-	2.0	42500	ן כ
		the screen is 150mm which can be rotated over 360 degrees on				
	ě.	die Selecti is Louinii Willen can be louise state				<del></del> .

	m	icroscope tube. All the specifications of this model is provided		4.5	1
	as	sper the PRM-11A but has only two objectives 10X and 45X	·		
	w	hereas the screen size of the instrument is 100mm which is			
	pi	rovided with the mechanical stage.			
8.	M	icro photographic Camera (Ajanta) - Canon Sony Pentax Nikon			
-	0	lymnus Samsung and other Digital Community of the Communi	1	32500	
	u	lympus Samsung and other Digital Camera with 1/4" Screw			
	1 "	ole The rail has a geared drive system which greatly enhances		i	
	a	ccuracy and speed of adjustment of the rail. Speed of		1	
	a	djustment of the rail greatly with two precise double scales,			
	a	nd allows precise distance modification Compatible with most	177		32500
	) F	ilm and Digital SLR Cameras	100		32300
9.	i H	ot Air Oven (Ajanta) - Standard double wall fabrication. Inner	4		
	1	namber made of richly anodized aluminium or highly polished	1	22500	
	1 -	Taipless steel shoot. Exterior february a state of the steel shoot shoot steel			
		tainless steel sheet. Exterior fabricated out of thick mild steel	100		
		heet duly finished in stove enamel off-white paint or paste mat	. 30	1 6	1
1	1 1	inish colour combinations. The gap between the walls is filled	and the	· 8.1 - 4-4	
18	1 4	with-special grade glass-wool for heat insulation. Nichrome	,	100	
	1	wire heating elements -provided on three sides attain quick and	1.0		
	1 2	uniform heating in range of 50oC to 250oC + 1oC controlled by		11	22500
1	10	capillary type thermostat. size 12"X12"X12"		- ing Til	17300
10		Vacuum Oven (Ajanta) - "Tempo" make Vacuum Oven is made of	1	22500	
. 95	1	Inside S.S. 316 mirror finish and Outer S.S. 304 with dull smooth		32500	1 X.
	- 15	huff finish 4" high grade class week in cule to a few P	4.		
	- 1	buff finish. 4" high grade glass wool insulation for Rectangular	14.1	9.1	17
	- 1	Model & 3" high grade glass wool insulation for Circular Model	- 1	1	
1	- 1	to minimized heat loss. Shelf system stainless steel trays		74 A.	415
		improve heat conduction to samples. Toughened glass window	·		32500
_		in door to allow viewing of samples inside the chamber	1		
1:	1.	Digital PH Meter(Ajanta) - Digital pH Meter Technical	2	29500	
1		Specifications (Table Model are Touch Button Calibrations)		2,000	
1		Model 501 Deluxe pH Mete 502 Digital pH Meter 503 Portable			
į	1	Model Display 3 1/2 digit LED Range pH 0 to 14.00 mV 0 to +		,	
	}	1999 Resolution pH 0.01 mV 1 - Accuracy pH +0.01 mV +1 -		1. J	
	1		A 1		
9	ĺ	Temperature Auto 0 to 100d Compensation Manual 0 to 100d	1		
ÿ	1	Slope Correction 80 to 120% Power 230V + 10% 1 x 9V Battery			
4	9	Dimensions 76 x 275 x 175 Accessories: • Combination pH		R7+ 1	
24.00	1	Electrode, Buffer Tablets 4pH & 7pH, Operation Manual,			59000
N. C.	- 1	Electrode Stand, Dustcover.	, 5		
1	2. ;	Digital Conductivity Meter(Ajanta) - Technical Specification	2	16350	Action 1
1	1	Model Table Model (ST-213) Portable Model (ST-214) Display 3	1		
1	. 1	1/2 Digit LED 3 1/2 Digit LCD Range 0-200 µS 0-2,0-20,0-200 &	,	1 9 9 9	
1		0-1000mS 0-1999µS 0-19.99 mS Temperature Compensation			7 7
- 5	- 1		-		
1		Manual 0-50oC - Cell Constant Adjustment Adjustable	3		
1		Adjustable Conductivity Cell Platinum DIP Type Platinum DIP			
1		Type Resolution 0.1μS 0.1μS Accuracy +1% FS +1 Digit +1% FS			
1.		+1 Digit Power 230v + 10% ac, 50 Hz 1 x 9V Battery Dimensions		· · · · · · · · · · · · · · · · · · ·	135
1		250mmX185mmX85mm 165 x 85 x 28 mm Weight 2 kg.			
1		(Approx.) 0.8 kg. (Approx.) Accessories Conductivity Cell,			32700
1		Operation Manual			N-1)
	13.	Digital T.D.S. Meter(Ajanta) - Digital table Model TDS Meter, 3œ	2	16700	300
	٠.	Digit LED display with facility for Digital Cell constant			10.50
		adjustment along with TDS C000ell. 5 ranges, 0-1000 ppt			
ŧ		Mhan / me Call Constant Adjustment is adjustable Conductivity			
ì		Mhos/cm. Cell Constant Adjustment is adjustable. Conductivity	1	16.7	
-		Cell is Platinum DIP, Measuring Frequency is 1000HZ, Supplied		5 0	22400
Distance of the Person of the		Learning with cord & plug to work on Single Phase 770 / 230	1		33400
- Charles and Carried		complete with cord & plug to work on Single Phase 220 / 230	1	< 75	
A CHARLES OF THE PARTY OF THE P		volts A.C. supply.			
Control of the state of the sta	14.	volts A.C. supply.  Water and soil analysis kit(Ajanta) - We are engaged in a field of	1	33500	
The state of the s	14.	volts A.C. supply.  Water and soil analysis kit(Ajanta) - We are engaged in a field of supplying excellent quality of Digital Water & Soil Analysis Kit to	1	33500	
and the second of the second s	14.	volts A.C. supply.  Water and soil analysis kit(Ajanta) - We are engaged in a field of supplying excellent quality of Digital Water & Soil Analysis Kit to		33500	
en casacione memorin (producente entre de com el perco de 10 de planes)	14.	volts A.C. supply.  Water and soil analysis kit(Ajanta) - We are engaged in a field of supplying excellent quality of Digital Water & Soil Analysis Kit to our valued clients across the world. We are manufacturing this		33500	
en establishe maneret (Self Chaire discusses and America de Chaire species (Self-	14.	volts A.C. supply.  Water and soil analysis kit(Ajanta) - We are engaged in a field of supplying excellent quality of Digital Water & Soil Analysis Kit to	1	33500	33500

			- 1	1
	compositions. The key feature of this kit is its durable nature, compact design, and precise functionality. We are supplying this product at a very marketable rate. Details: Technical Specification PH Range 0 to 14pH Temp. Comp. 0oC (Manual) Resolution 0.01pH Accuracy +0.01 pH Conductivity Range 1 5 - Cell Constant 0.4 - 1.5 Adj Resolution 0.1 Micro mhos Accuracy + 0.5% FS Temperature Range 0o - 100oC - Resolution 0.1oC Accuracy +0.1oC + digit - T.D.S. Range 1 5 - Cell Constant 0.4 - 1.5 Adj Resolution 0.1ppm Accuracy -546 FSD D.O. Range 0-20 ppm - N.A. Temp. Comp. 0.1 ppm - N.A. Resolution +0.3 ppm - N.A. Accuracy 5o to 50o (Manual) - N.A. Turbidity Range 0-1000 NTU/JTU - N.A. Resolution 1 NTU/JTU - N.A. Accessories 1) pH Electrode 2) Standard Sciution 7.0 pH & 4.0 pH 3) ORP Electrode (On Demand) 4) Temperature Probe 5) Conductivity/TDS/Cell 6) DO Probe test table 7) Instruction Manual		12500	
O Company of the Comp	Water Bath (Ajanta) - We are one of the widely acclaimed exporters, manufacturers and suppliers of Thermostatic Water Bath. The offered thermostatic water bath is specially designed for the testing of materials, on specified environmental	2	12500	25000
16.	Serological water bath(Ajanta) - Serological water bath, product description, serological water bath(thermostatic water bath), temperature range 5°c above from ambient temperature to 80°c. Thermostatic control with accuracy of ± 0.5°c to 1°c. Double walled, inside stainless steel and outside mild steel painted in epoxy powder coating. Bath consists of two pilot lamps. Temperature control knob and on off switch. To work on 220 230 volts a.c. Supplied with or without stirring arrangement, without racks and thermometer. Lid of water bath is made of stainless steel sheet, size inside chamber (stainless steel) lx w x h:300 x 175 x 175 mm, capacity (approx.):12 litre.	2	12500	25000
T. T. T. T. T. T. T. T. T. T. T. T. T. T	Digital Electronic Balance (Ajanta) - 500g 0.1 accuracy Digital Balance Pocket Weighing Jewellery Electronic LCD Scale Gram Description: * This electronic pocket scale is perfect for any small item that you can think of. * It has a "tare" feature, which can set the weight to "zero" after putting a pan on the scale, so you can weight your valuable thing on the pan. * The flip-open cover protects the stainless steel weighing platform when the scale is not in use. * The bright LCD display makes it very easy to read in the dark. The pocket scale that you are bidding for comes in Black color. * Operation Manual is included. * Powder can be weighed accurately, but can not be put on the scale directly! Specifications: * Measurement: 500Gx0.1 * Tare Range: Tare full Capacity * Auto off: 30 seconds off * Units: g/oz/ct/ozt/dwt/gn/tl * Power: 1.5V x 2AAA battery(not including) * Scale Size: 120 x 64 x 20mm * Pan Size:50*55mm * Colour: Silver * Netweight:102g * Package Size:128*70*23mm * Weight * ncluded Package:116g	3	26750	80250
18.		3	16500	49500
19.	Flame Photometer (Ajanta) - Microprocessor Flame Photometer - 1385 comes with flame failure detection and auto gas cut off facility. In case of power failure, the gas cuts off automatically. In case the flame goes off accidently during work, the flame failure alarm sounds after few seconds, in models 5-Point calibration facility and non-linearity correction is provided through an automatic curve fitting software. Facility has been provided for re-standardization with a single standard, thereby, eliminating the need of the multiple standards once a calibration has been	2	62500	125000

	performed. Auto Gas Cut off, Auto Flame Failure Detection, Direct Results in ppm and meq, Useful for Medical & Soil			
20.	Testing.  Laboratory Centrifuge (Ajanta) - It has a compact stirring device utilizing a rotating magnetic field (created by a permanent	3	9500	
	magnet) which induces variable speed stirring action. Stirring is			47.0
	accomplished by means of small Teflon rotor, which when			
	placed in the liquid to be stirred is capable of rotation by			
	magnetic field applied from below the container. Continuous			
	Heavy duty A/C stirrer with 1/4 HP Brushless, High Torque	1		
	Variable Speed Motor with Hollow Shaft & propeller of SS 316,	1.3		-
	chuck having facility of presetting & indication of speed. These			
•	Stirrers are specially designed brushless AC variable speed			20500
	stirrers driven by frequency inverter to ensure reproducible		197.57	28500
	speed with any load.	4.47	- h.	- Sécil :
21.		1	42500	
	complete, all-in-one deionization package. Included with the	· ·	CENTRAL P	
	unit are a pre-sediment and carbon filter, (2) 14" x 47" DI tanks			
	come with purity lights and one final sediment filter. This			
	system incorporates all the benefits and simplicity of	6.2	1	42500
-	deionization (DI) without the added cost, complexity, and water		, T	42500
	waste of reverse osmosis (RO).		10700	
22		1	18500	10500
	with neoprene rubber cup mounted eccentrically on the shaft	3-7 - s		18500
	With high speed control arrangement provided			inhalis i
23	. Rotary Shaker (Ajanta)- It has a compact stirring device utilizing	1	32500	
	a rotating magnetic field (created by a PERMANENT MAGNET)			
-	which induces variable speed stirring action. Stirring is			
3	accomplished by means of small Teflon rotor, which when			
	placed in the liquid to be stirred is capable of rotation by	Section A		77.50
1	magnetic field applied from below the container. Continuous			
	Heavy duty A/C stirrer with 1/4 HP Brushless, High Torque			
***	Variable Speed Motor with Hollow Shaft & propeller of SS 316,		2010	461.
-	chuck, having facility of presetting & indication of speed. These	:		2 1 0 5 7 1
3	Stirrers are specially designed brushless AC variable speed			32500
-	stimers driven by frequency inverter to ensure reproducible		4, 5 7 7	32300
0	speed with any load.	2	8500	1 1/1/11
1	Magnetic Stirrer (Ajanta) - Magnetic stirrer with hot plate,	n n. ati <b>∠</b> /	0300	
Louis	product description, we are one of the leading manufacturer	to pro-		
	and exporter of magnetic stirrer, the entire array of these			x - 1. "-
*	products is manufactured using optimum quality material and latest techniques. Clients can avail the offered range from us at			
	the most reasonable prices. Description:, highly polished ss top	, -		
1	plate for optimum heat transfer, pmdc motor for higher torque			
- 3	even at low speeds, accurate step less speed	1		1 -
	even at low speeds, accurate step less speed			
-		1.5	-	
-	control maintains speed stability, bushing according to din	١.	100	451.1
	12878 for connecting a contact thermometer, technical data:		The pro-	
	heating temperature range, ambient -3500, speed range, 50 -			
	1500 rpm, heating plate material, polished stainless steel, motor			
	rating, 9 4w, heat output, 450 w, stirrer bar length max. Output,			
4.04	80 mm, dimensions of hot plate body, 180 x 180, weight of the			17000
4	body, 2.9 kgs.		- 1 1	
1 2	5. Smart Board (Ceramic) - Interactive whiteboard Device	1	165000	
	converts whiteboard with projector to smart board, you can	-	2	
4	interactive with the image using stylus. Suitable for Classroom	1		165000
3	and office. For presentation and Interactive Trainings- Ingress.	2.0		I raile
9 7	5. LCD Projector (Hitachi) - From the classroom to the conference	1	65000	
4	room, Hitachi's CP-X3042WN LCD projector combines superior			65000
	image clarity, high quality value, and long-life reliability. Bright,			

	the state of the s			
	vivid colours with razor-sharp text and bold graphics will truly	. 4	1	Live Sile
- 1	enhance any lesson or meeting and make it more memorable.			in the state of
	For greater installation convenience, the CP-X3042WN has a	1:2	cysa di	
- 1	cloning function which enables you to copy configuration			
	settings from one projector to others of the same model via USB		· .	
- 1	memory. The CP-X3042WN also includes our iOS application		3 -4	A 15%
1	memory. The CP-X3042WN also includes our los application	3.7	-	F 1 3
į	Projector Quick Connection App which offers simple control			10
- 1	options including sending photo and document files and web	1.00		
1	site contents to the projector. Plus, Hitachi's Intelligent Eco	- 1		1.7
3	Mode with Image Care combines optimal picture performance	91.0		4 .1
. 1	with maximum energy sayings for a lower total cost of		- 1	
	ownership. For added peace of mind, Hitachi's CP-X3042WN is			
	also backed by a generous warranty and our world-class service		*1 ;	
	and support programs.			
27.	Mixture Grander (Singer)	1	8500	
	Mixture diander (Singer)	43	r List	8500
		- , 1, 1,		
20	Microwave Oven (IFB)	1	35000	2-222
	Photowave oven (ii b)	1.20		35000
29.	Student Microscope (Olympus)- Metal Construction Movable	6	18500	
	Condenser Eyepiece: 10x, 15x Objective: 10x, 45x Total			
	Magnification: 100x to 600x Separate Coarse Fine Focusing			
	Knobs Plano concave mirror on gimble mount for illumination	F-10		
	Rinobs Plano concave inition on gimble mount for indimination			
	Fixed abbe type condenser with iris diaphragm 2 Prepared			111000
	Slides, 50 Plane Slides Gives Clear Images Easy To Operate Ideal			111000
	for School & Kids.	No. 1	1070	
30.	Haemometer	12	1850	22200
				22200
		12	1050	*****
31.	Haemocytometer	12	1850	22200
			30.0	
		- 1	42500	
32	Slide Projector (Ajanta)- Versatile design; rigid construction	1.	42500	
Ž.	halogen lamp 24v-150w; noiseless cooling system; slide carrier	*		47500
	for 2 slides; rigid construction; height adjustable; manual			42500
	focusing; dimension: 9000 x 6000 MM			
33	Bacteriological Incubator (Ajanta)	1	65000	55000
	Bacteriological incubator (1)	7.1	1 1	65000
		2300	16 m. **	
34.	Muffle Furnance- Muffle furnace 9 inch x 4 inch x 4 inch, product	1	22500	
	description, high temperature furnace 900°c (industrial), the		7.5	
	furnace is insulated with ceramic fibre blanket of high density		5.0	
C.	for better insulation. The furnace can run continuously at 900°	100	e in the same	
-	for better insulation. The furnace can fun conditionsly at you	1		
4	c, trouble free. The furnace is quick heating type, light in weight,	1 A -1		1.57
7	table mounting type, compact, elegant in design. Outer painted		1 1 -1	
	in epoxy powder coating. The hinged type swing door insulated	1.		
	with ceramic fibre to avoid heat losses from the door. The		100	
	furnace is fitted with to avoid over heating for long life and	1		V. 15-
	trouble free working. The panel is fitted at the top of the			22500
	furnace, muffle furnace 9 inch x 4 inch x 4 inch.	1		
25		1	24500	1
35.	comparatively soft, wax-embedded tissues with a thickness			4 45
	comparatively soit, wax-embedded dissues with a differences			
	range of 2mm to 24mm, in steps of 2mm. Calibrated in 2 micron			
	divisions, the section cutting thickness can be set easily and	1	1.0	100
	quickly by a single control. It is recommended for elementary	900		. 91
	biology & pathology students. The rocking microtome is an	6		1
	extremely reliable instrument comprising of three moving parts.			1.0
100	The lead screw mechanism incorporates quality precision	1	4	4.
	engineering and the cutting stroke is controlled by a single			2450
3	control lover which minimizes the energiar chill required			
	control lever which minimizes the operator skill required.			

	36.	Laptop 6th Generation (Lenovo)- 4 GB Processors, 15.6" Screen	RAM, 1 TB HDD, I5	1 55000	55000	3 0
	-		Grand Total =		2110750	
ì					1, 100 1	<u> </u>

Amount (In words Rs.):- Twenty One Lakh Ten Thousand Seven Hundred Fifty Only.

### Sports & Athletics

l. 0.	Name of Items	Qty.	Rate	Total Amount	Justification
-	Multi Gym four station- It has created	4 1 5	285000		It is very
	niche in the field of offering Fitness Multi		1. 1.		useful for
	Gym four Station to the users. This	A	210.7		promoting
	product is made by using optimum		- terretie		1.5
		1 12 20		* *,121 ;	extracurricula
			41-25.		activities
	machines keeping in mind the minutes	1 190			among UG
	details given by the users in mind with		and the same		Students of
	advanced technology. Fitness Multi Gym	5 A-44 A			the college fo
	four Station is available in a number of	1		285000	
	colors and sizes as per requirement and	- <del>-</del>	33.00	17.	the overall
	need of users.	6	165000	990000	development
2.	Multi Gym single station	, b	103000	330000	of their
			65000	390000	personality.
3.	Jogger Electronic	6	03000	330000	personancy.
r an			10500	111000	
4.	Exercising Cycle Electronic	6	18500	111000	
		100	40500	111000	
5.	Abpro (Abkrunch)	6	18500	111000	
			4700	20000	1
6.	Kho- Kho Post	6	6500	39000	
					-{
7.	High Jump Stand	3	6500	19500	
•			1 1 1 1 1 1	1, 51, 14	7
8.	Chest Expender	12	1250	15000	
J.		1. 1. 1			100 11 00 100
9.	Carom Board	6	3500	21000	
7.	Caroni Boura				13 to 1
10.	Carom men	6	250	1500	
10.	Caroni men		See .		<u>.</u>
11.	Chess	12	250	3000	
11.	Clicos		3.1.	Controlly of the	
	Levelin	12	650	7800	
12	Javelin			6.73 - P. J	
1	Shot Put Ladies	12	1250	15000	
13	Snot Put Ladies				
1.	D. D. Courte	12	1500	18000	7
14	. Shot Put Gents		7		
		12	350	4200	7
15	. Discuss 1Kg	14	330	7200	
		12	550	6600	7
16	. Discuss 2Kg	12	330	6000	<b>'</b>
-		7 - 4 4 4	1000	2000	<del>.</del>
17	. Weight Lifting Rod- 1.5 feet	24	1650	3960	۱ ۲
		1 1 5 1	1000		_
18	B. Weight Lifting Rod - 3 feet	12	1900	2280	9
-					_
19	. Weight Lifting Rod- 5 feet	6	2500	1500	0
1		145			
21	). Weight Lifting Plate	1000	250	25000	0
-	A CIBIT BILLING LINES		1	. = 1 1	1 1
2	1.   Ring Ball	12	150	180	0
1 4	r.   Villa pair	10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(E. 1		1

22.	Foot Ball Post	1	45000	45000
23.	Foot Ball	6	1250	7500
24	Foot Ball Net	2	4500	9000
	Foot Ball Boot	12	2850	34200
	Volley Ball Post	1	12500	12500
-	Voiley Ball	6	1250	7500
:	olley Ball Net	1	1850	1850
· . ·	Badminton Post	1	9500	9500
::	Badminton Racket	12	950	11400
:::	Shuttlecock	12	450	5400
32.	Badminton Net	1	350	350
33.	Basket Ball Post & Board	1	125000	125000
34.	Basket Ball	6	2850	17100
35.	Basket Ball Net	1	350	350
36.	Weight Machine	2	8500	17000
37.	Cricket Bat	12	6500	78000
38.	Cricket Ball	30	250	7500
39	Cricket Batting Pad	12	1850	22200
	Cricket Batting Gloves	12	1250	15000
<del></del>	Wicket Keeping Pad	6	2250	13500
÷2.	Wicket Keeping Gloves	6	1500	9000
+3.	Helmet	12	2250	27000
+4.	Stumps with bails	12	1650	19800
45.	Elbow Guard	12	650	7800
÷6.	Thai Guard	12	850	, 10200
	Cricket Practice Net	1	12500	12500
÷8.	Cricket Mat	1	45000	45000
	A Language Control of the Control of		*	

9.	Cricket Abdominal Guard	12	950	11400
50.	Sports Dress	15	1850	27750
51	Sports Shoe & shocks	15	1850	27750
52.	Track Suit	24	3500	84000
53.	Hockey Sticks	12	1850	22200
5-4	Hockey Ball	24	350	8400
55	Hockey Gloves	12	1250	15000
36.	Hockey Shin Guard	12	950	11400
57.	Hockey Helmet	12	1650	19800
58	Hockey Goal Post	1	12500	12500
<del></del> 59.	T. T. Table	2	35000	70000
60.	T.T. Bat	12	1650	19800
61.	T.T. Ball	24	150	3600
62.	Boxing Gloves	6	1250	7500
63.	Boxing Bag	6	4500	27000
64.	Mouth Guard	6	1250	7500
65	Thai/ Kick Boxing Ankle support guard	12	2250	27000
66.	Shin Guard	12	950	11400
<b>6</b> 7.	Stop Watch	6	950	5700
68.	Bulwarker	12	4500	54000
69.		1	85000	85000
70.	LED SMART TV 43"(Panasonic)	50	850	42500
71.	Yoga Mat	50	1250	62500
	Yoga Dress  Grand Total =			3601650

Amount (In words Rs.):- Thirty Six Lakh Sixteen Hundred Fifty Only.