U.T. Administration of Daman & Diu Department of Assistant Director of Education, Daman.

DE/DMN/Mat-Equip/2013-14/1349

Dated : 26/11/2013

E-TENDER (ON LINE) INVITATION NOTICE NO.01/2013-14

Sealed Tender are hereby invited from the interested parties, on behalf of the President of India by the undersigned through on-line tender on https://daman.nprocure.com for purchase of School Science Materials and Laboratory Equipment for 6 (Six) Government High Schools as 3 (Three) Government High Schools, Daman District 3 (Three) Diu District for the year 2013-14.

Sr.No.	Items	EMD	Tenders Fees	Approximate Estimated Cost
1.	Supply of Science	Rs.50,000/-	Rs. 500/-	Rs.12,50,000/-
	Materials and Laboratory Equipment		(Non refundable)	
* Online	e starting of Tender:	I	From 27/11/2013	
* End da	ate of online downloading of the	ender	Up to 09/12/2013 12:00	0 hrs.
docum	ents :		-	
* Online	e Submission of Tender		Up to 10/12/2013 up to	12:00 hrs
* Online	e opening of Price Bid		On 10/12/2013 at 15:0	0 hrs (if possible)
	ssion of tender fees in form D	D and EMD in form	of FDR, valid copy of S	ale Tax registration number
with cert	ificate, PAN number etc. Thes	se are the mandatory	document required to be	e upload and hard copy of the
above me	entioned documents shall also	be submitted to the	tender inviting authority	by RPAD/Speedpost/Courier,
however	, tender inviting authority sha	ll not be responsible	for any postal delay. The	e said documents can also
be depos	ited on or before 10/12/2013 a	at 12:00 hrs. in the of	ffice of the undersigned.	
* The te	nder inviting authority reserve	the right to accept/r	eject any or all tenders w	vithout assigning any reasons
thereof.				
* The te	nder will be opened on the sar	ne day in presence o	f the tenderer, if possible	e. The offers received without
obtaining	g tender documents or without	EMD and tender fee	e shall be rejected.	
* The te	nder form alongwith all detail	s including schedule	and terms & conditions	can be down loaded from the
web site	https://daman.nprocure.com.	The tender fees (Non	refundable) in form of E	DD and EMD in form of FDR
may be k	ept in technical bid alongwith	the above mandator	y documents. The price b	bid shall be opened to those
firms/a	agencies/transport contractor v	vho qualify in techni	ical bid.	
* Bidder	r have to submit the price bid i	n Electronic format	only on https://daman.np	rocure.com.
websit	e till the last date & time for s	ubmission. Price Bio	d in physical format shall	not be accepted in any case.
* In case	e any bidder needs any clarific	ation or if training is	s required for participatin	g in the online tender process
they can	contact the following office			
* "(n) C	ode Solution-A Division GN	EC I td " 403 GNE	7 Info Tower Bodakedey	Ahmedahad-380054 Gujarat

"(n) Code Solution-A Division, GNFC Ltd.", 403, GNFC Info Tower, Bodakedev, Ahmedabad-380054 Gujarat (India), E-mail:nprocure@gnvfe.net.Fax No.079-26857321. Tele:079-26857316-18, Websitewww.nprocure:com

> Assistant Director of Education, Daman.

Copy fd.wcs. to:-

The Director (IT), NIC, Secretariat, Daman with request to publish in website.
Field Publicity Officer published for kind publicity in news paper.

U. T. ADMINISTRATION OF DAMAN & DIU OFFICE OF THE ASSTT. DIRECTOR OF EDUCATION, NANI DAMAN

Tenders are invited by e- Tendering system so the `Technical Bid` will be submitted in the Tender box with Envelop written as `Technical Bid` It should contain full information as required in Annexure -I (Technical Bid) provided herewith.

(a) The `Financial Bid` will have to be applied on line through e – procurement online.

(b) The financial bid will be opened after qualified of technical bid.

Terms & conditions for Purchase of School Science Materials and Laboratory Equipment for 6 (Six) Government High Schools as Government High Schools, Daman District i.e. Damanwada, Moti Daman, Marwad, Nani Daman and Dunetha, Nani Daman and Diu District Govt.High School, Dagachi, Diu, Saudwadi, Diu and Nagwa, Diu for the year 2013-14.

Tender Notice :- No. DE/DMN/Mat-Equip/2013-14/1349 Dated : 26/11/2013.

The Directorate of Education, Daman intends to purchase Science materials & Laboratory Equipment for Govt. High Schools of Daman and Diu Districts.

1. Eligibility

- (1) The Tenderer should be registered under Sales Tax/VAT
- (2) The Tenderer should be manufacturer/authorized dealer of the items for last three years tendered for.
- (3) The bidder should have annual GTO of Rs. 25.00 (Rupees Twenty Five lakhs) during each of the last three years.
- 2. The tender form along with terms and conditions can be downloaded from web site <u>https://daman.nproure.com</u> on payment of Rs.500/- DD of Nationalize bank (non-refundable) submitted with technical bid.
- 3. Completed tender form should contain the following documents/certificates.
 - (1) Income Tax Clearance Certificate along with copies of returns of last three years.
 - (2) Sales Tax / VAT Registration Certificate.
 - (3) Proof of manufacturing/dealership/supplier of the items tendered for.
 - (4) Proof of GTO being more than Rs.25.00 (Rupees Twenty Five lakhs) during each of the last three financial years for supply of Science Materials/Equipments etc.
 - (5) In case, there is a small scale Industry, there should be a proof of registration.
- 4. The Earnest Money Deposit (EMD) of Rs.50,000/- is payable in form of Demand Draft issued by Scheduled Bank in favour of **Asstt. Director of Education, Daman.** Tender received without Earnest Money Deposit will be treated as invalid.
- 5. Tenderer should also furnish the details of nature of constitution of their firm / names & addresses of the proprietor / partners /directors and also the details of sister concerns if any.
- 6. Only Sales Tax/VAT will be paid on the items on which it is chargeable under the Central Sales Tax Act/ VAT Act or the Rules made there under.

- 7. The rate(s) quoted should be strictly for free delivery at F.O.R. at the specified Schools of Daman and Diu District & will be valid and operative as per supply order.
- 8. The rates should be quoted inclusive of all taxes, installation & commissioning charges etc.(a) The bidder should ensure that they must be submit Hard copy of Tender documents
 - a) The bidder should ensure that they must be submit Hard copy of Tender documents (Technical Bid) sealed and submits in the Office of the Assist. Director of Education, Nani Daman.

<u>**The `Financial Bid**</u>` will have to be applied on line through e – procurement online. **Technical Bid :** Technical bid consisting of all technical details.

DOCUMENTS TO BE SUBMITTED ALONGWITH TEDER.

- (i) Tender fee coupon or Demand draft of requisite amount in favour of Assistant Director of Education, Daman.
- (ii) Vetted/Self certificate Performance Reports.
- (iii) All documents mentioned in Para 3,4 & 5 above.
- (iv) Compliance to technical specifications :-

(b)

9.

(V) Terms and condition duly signed by the tenderer.

The Compliance statement should be submitted in the following formats:

Para No.	Specifications as per T. E.	Specifications offered	Compliance (Yes/No)	In case of compliance, dev from	T.E.
				Specification	in
				unambiguous terr	ms

- 10. Except C.S.T., all other Taxes/Duties/Royalties Charges payable on the sales/Transport etc. within and/or outside the state shall be payable by the supplier.
- 11. No extra charges for packing, forwarding and insurance etc. will be paid in addition to the rates quoted.
- 12. The rates should be quoted only for the items specified in the list of requirement and should be for the items of given special make / manufacture.
- 13. Rates quoted for items other than the required specification/make/manufacture may not be considered. However, indigenous manufactures may quote their own makes provided the specifications confirm to the standard(s)/requirements of the given specifications/ make/manufacturer.
- 14. Where specifications/make/manufacture are not specified by this office, the rates should be quoted only for the standard quality.
 - (a) Tenderer should be standard manufacturer / authorized dealer or distributor.
- 15. The tender should be neatly typed only on letter head carry the name of supplier and the signature of the tenderer. No overwriting, correction or erasing will be considered.
- 16. The decision of the Asstt. Director of Education, Daman for acceptance/rejection of any articles supplied including the decision for equivalent specifications, standard and quality etc. of articles shall be final.
- 17. The Tender Committee will open the Tenders in presence of tenderers or their representatives, if any present in the Office of the Asstt. Director of Education . The Tender Committee will first open the technical bid and considering the technical specification of

Science materials The Committee will open the financial bid only of those firms who are qualified for technical bid as per minimum specification given by the department.

- 18. Asstt. Directorate of Education, Daman will be at liberty to accept the tender for the entire quantity or the part thereof at the rates submitted by the Tenderer or at reduced rate during the negotiations if any.
- 19. Rates tendered/offered in response to the concerned Tender Notice by the successful bidder shall be considered as acceptance of all above terms and conditions for supply for all legal purpose.
- 20. The successful tenderer will be given supply order by the department for supply of specified items within 15 days of receipt of the supply order.
- 21. The amount of Earnest Money Deposit paid by the Tenderer(s) whose tenders are not accepted will be refunded to them.
- 22. No advance payment will be made in any circumstances.
- 23. Extensions of time limit for supplies shall be considered by the Asstt. Directorate of Education maximum up to one month of issue of supply order. The extension so granted may be with levy of compensation for delay in execution of supply order up to 5% of the cost of supplies ordered for at the discretion of the authority competent to grant extension of time limit provided such request is made well in time, depending upon the circumstances and such decision in the matter will be final.
- 24. Demurrage charges paid by the Asstt. Directorate of Education on account of late receipt of dispatch documents intimation will be recovered from the bills payable to the supplier.
- 25. The supplies of Science materials & Laboratory Equipment etc. of inferior sub standard quality or of different specifications, brand, manufacturer etc. other than that ordered specified and/or incomplete or broken articles will not be accepted. The supplier will have to replace the same at his own cost and risk. Intimation of non-acceptance of any stores Items and equipment etc. will be sent to the supplier within 10 days from the date of receipt of the stores and the same will be returned to the supplier at his own cost and risk within 15 days from the date of dispatch of intimation of the non-acceptance. However, if the replaced supplies are not received within 15 days from the date of communication the Asstt. Directorate of Education will not be responsible for any damage, loss etc. of such rejected articles.
- 26. If at any time after the order for supply of Science materials & Laboratory Equipment etc the Asstt. Directorate of Education, Daman shall for any reason whatsoever not require the whole or part of the quantity thereof as specified in the order the Asstt. Directorate of Education, shall give notice in writing of the fact to the supplier(s) who shall have no claim to any payment of compensation what so ever on account of any profit or advantage which the supplier(s) might have derived from the supply of articles in full, but which did not derive in consequence of the full quantity of articles not having been purchased, nor shall have any claim for compensation due to any alterations having been made in the original instructions which shall invoice any curtailment of the supply originally contemplated.

- 27. Termination of agreement
 - (a) In case of failure to replace the accepted and rejected articles from supplies made, as mentioned in the conditions, the loss suffered by the Government will be recovered from the supplier's Security Deposit or payment of any bill(s) to the extent required.
 - (b) In case of failure to supply the Science materials & Laboratory Equipment and equipment etc. ordered for, as per conditions and within the stipulated time, the same articles will be obtained from the other Tenderer who offered next higher rates or from any other sources, as may be decided by the Asstt. Directorate of Education, Daman and the loss to the Government on account of such purchases(s) shall be recovered from the former supplier's Security Deposit/Earnest Money or amount of bill payable. The suppliers shall have no right to dispute with this procedure.
- 28. The Earnest Money(s)/Security Deposit(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is/are not adjustable with Earnest Money or Security Deposit required as per conditions of this tender.
- 29. All bills should be in DUPLICATE and should invariable mention the number and date of supply order.
- 30. All bills for amount above Rs.5000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding Rs.5000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.
- 31. Each bill in which Value Aided Tax is charged must contain the following certificate on the body of the bill. <u>"CERTIFIED that the goods on which Value Aided Tax has been charged have not been exempted under the Central Sale Tax Act or the Rules made there under and the amount charged on account of Value Aided Tax on these goods is not more than what is payable under the provisions of relevant Act or Rules made there under."</u>
- 32. In respect of any dispute given rise to the legal proceedings between the parties, the courts at Daman shall alone have the jurisdiction
- 33. The tender will be accepted during working hours up to 10-12-2013 at 12.00 hrs. and opened on same day at 15.00 hrs. If possible in the office of the Asstt. Director of Education, Nani Daman, in the presence of the Tender committee and Tenderer(s) or their representative(s) if present.

Asstt. Director of Education, Daman THE ABOVE CONDITIONS ARE ACCEPTED AND ARE BINDING TO ME/US.

(Signature of Supplier/Tenderer) Date & Rubber Stamp.

NOTE:- Please return one copy of these conditions duly signed along with your tender/Quotations.

	STD. 9		
	Apparatuses / chemicals / charts - As per New Syllabus		
No.	Item	Rate	Unit
	APPARATUSES		
1	Electronic digital balance, Load cell bases		
	Capacity: 1200g, Sensitivity: 100mg,		Each
	OR		Laon
1	Physical balance in Divided souble door, wooden frammed,		
	glass case, S.S. pan, Brass parts, Superior VARANASI make		
	Cap. 200g, Sensitivity: 5mg		"
2	Physical weight box 1-100g with Brass weights Class B		"
3	Junior medical microscope with heavy body, powder coated,		"
-	fitted with square stage 110x110mm, Brass knobbed coarse		
	and fine adjestment, all optics are housed in Brass tube,		
	metal mecahnical tube (not plastic), fitted with moveable		
	condenser in metal housing (not plastic) and Iris diaphragm		
	with rack and pinion arrangement, superior quality		
	Optical combination - Eye pieces: 10X & 15X		
	Objectives: 10X & 45X(SL)		
4	Pointer 10X eye piece		"
5	Dissection box, superior witjh 19 SS instruments		"
-	,,,,,,,,,		
6	Aluminium block - 2x3x4cm		"
7	Iron bob (Sphere), 1" dia.		"
8	Wooden cube 5cm ³		"
9	Measuring scale - as in compass		"
	Irregular shaped solid objects		"
	Thread rill		1rill
12	Spring balance 250g		Each
	Wooden block for Over flow vessle - approx 3"x3"x2"		"
	Pendulum bob 3/4", Iron C.P.		"
	Stop watch, digital LC 1/100sec		"
	Meter rule, wooden, superior 100cm (Not from MDF)		"
	Glass wares / Plastic wares / Metal ware / General items		
No.	Item	Rate	Unit
1	Beaker 100ml, borosilicate glass		Each
2	Beaker 250ml, borosilicate glass		"
3	Beaker 500ml, borosilicate glass		"
4	Braker, glass, 250ml, plastic		"
5	Condenser (Leibig) 200mm, borosilicate glass		"
6	Conical flask 250ml borosilicate	1	n
7	Cover slip pkt o f 10g		1pkt.
8	Delivery tube "L" shaped		Each

	Glass wares / Plastic wares / Metal ware / General items		
No.	Item	Rate	Unit
9	Distillation flask 100ml, borosilicate glass		Each
	Dropper 6" with rubber teat		"
11	Evaporating dish porcelain 3"		"
12	Evaporating dish borosilicate glass 3"		"
13	Funnel, 3" plastic		"
14	Glass funnel 3" dia.		"
15	Glass plate 3"x3" with grounded edge		"
16	Glass stirrers (Rod)		"
17	Measuring cylinder, borosilicate glass 10ml		"
18	Measuring cylinder, borosilicate glass 100ml		"
19	Measuring cylinder, borosilicate glass 250ml		"
20	Measuring cylinder, plastic 100ml		"
21	Measuring cylinder, plastic 250ml		"
22	Over flow vessle (Floating vessle) - plastic		"
23	Pipette graduated 10ml, borosilicate glass		"
24	Pipette pump, plastic		"
25	Plain microscope slide, pkt of 50 slides		1pkt.
26	Reagent bottle NM 250ml		Each
27	Reagent bottle WM 250ml		"
28	Rubber cork with 2 holes for conical glask		"
29	Small glass bottles for soil samples		"
30	Test tube 6"x1" borosilicate glass with special airtight joint		"
	Special airtight lid for test tube 6"x1" with narrow end tube fitted		"
31	Split rubber cork for Pendulum bob		"
32	Split rubber cork - for thermometer		"
33	Test tube 5"x5/8" borosilicate glass		"
	Test tube 6"x1" borosilicate glass		"
	Test tube stand, plastic		"
	Thermometer 110 C, LC 1/2 C		"
37	Thermometer 110 C, LC 1C		"
38	Thistle funnel borosilicate glass		"
	Watch glass 3" dia.		1doz.
40	"G" clamP		Each
41	Bunsen burner with Brass pipe, Brass stop cock in CI base		"
	Pair of Tongs 6", Iron C.P.		"
	Porcelain triangle 2"		"
	Retort clamp for to rest funnel on stand		"
	Burette stand (Retort stand) 8" x 5" base & 24" long C.P. rod		
	Base weight 900g approx., rod diameter 10mm		"
46	Universal clamp, Aluminium die cast heavy with M.S. rod	1	"
47	Boss head, heavy for Universal clamp		"
48	Spatula S.S. 6"		"
40 49	Test tube holder		"
49 50	Tripod stand with heavy Cast Iron triangle and Zinc plated legs		
50	Size: 5" triangle, Legs height: 7"		"

	Glass wares / Plastic wares / Metal ware / General items		
No.	Item	Rate	Unit
51	Wire gauss 6"x6" with double Asbestos centre		Each
52	Filter paper No.1 as whatman, 11.00cm circle, pkt of 100		1pkt.
53	Blotting paper, pink, Size:46x57cm		Each
54	Sand paper		"
55	Thread rill		1rill
	Chemicals		
No.	Item	Rate	Unit
1	Barium chloride		500g
2	Bromine water		500ml
3	Carbon tetra chloride		500g
4	Distilled water		1Lit.
5	Glycerin		1kg
6	Gram's iodine solution		100ml
7	lodien solution		100ml
8	Litmus papaper blue		1pkt
9	Litmus papaper red		1pkt
10	Magnessium metal ribbon		25g
11	Methylene blue solution		100ml
12	pH paper 1-14pH		1pkt
13	Sodium chloride (Common salt)		500g
14	Sodium sulphate		500g
15	Starch soluble powder		500g
16	Sulphuric acid		500ml
17	Zinc metal granulars		500g
No.	Item	Rate	Unit
	Permanent Slides		
1	Onion cell (Plant cell)		Each
2	Human cheek cell (Animal cell)		
3	Spirogyra algea		
4	Parenchyma tissue		
5	Collenchyma tissue		"
6	Sclerenchyma tissue		
7	Cucurbita stem TS		"
8	Straited muscle tissue		"
9	Medulated nervous tissue		"
10	Human blood (Fluid connective tissue)		"
11	Bacterial bacilli		

No.	Item	Rate	Unit
	Specimen in jar / Model		
1	Cockroach - specimen		Each
2	Fish - specimen		"
3	Frog - model		"
4	House lizzard - model		"
5	Sparrow - model		"
6	Rat - model		"
7	Earthworm - specimen		"
8	Mole - model		"
	Class work material for Biiology		
1	Root nodule (Root tubercles)		10units
	CHARTS - printed on washable imported sheet, Size: 90x120cm	1	
	with English & Gujarati Titles		
No.	Item	Rate	Unit
	Std. 9, SEM-1 - Science Charts		
1	Shaps of some molecules		Each
2	Atomic model of Bohr		"
3	Distribution of Electrones in different orbits of first 20 elements		"
4	Prokaryotic cell		"
5	Typical plant cell		"
6	Typical animal cell		"
7	Different cell orgenelles		"
8	Apical meristem		"
9	Simple plant tissues		"
10	Complex plant tissues		"
11	Types of epithelial tissues		"
12	Types of connective tissues		"
13	Types of muscular tissues		"
14	Types of neurons		"
15	Spread of diseases		"
	Std. 9, SEM-2 - Science Charts		
1	Periodic Motion And It's Examples		"
2	Simple Hormonic Motion And Some Definations		"
3	Wave And It's Types		"
4	Periodic Classification Of Elements - I		"
	(Concept Of Dobereir And Newland)		
5	Periodic Classification Of Elements - II (Mandeleef's Classifica.)		"
6	Chemical Bond - I (Ionic Bond)		"
7	Chemical Bond - II (Covalent Bond)		"
8	Formula Of Simple Compounds		"
9	Deference Between Oxidising Agents And Redusing Agents		"
	Categories Of Classification		"
	Water Cycle		"
	Nitrogen Cycle		"
13	Carbon Cycle		"
14	Oxygen Cycle		"

	CHARTS - printed on washable imported sheet, Size: 90x120cn	n	
	with English & Gujarati Titles		
No.	Item	Rate	Unit
	Std. 9, SEM-1 - Maths Charts - (Only with English titles)		
1	The theory of Set		Each
2	To check properties of the Union operation of the set, by Ven dia		"
3	To check properties of the Inter section operation of the set		"
4	To check properties of Distributivity of Union over inter Section		"
	by Venn diagram		"
5	To check De Morgan's law by Venn diagram		"
6	Nuber system and sets of number		"
7	Representation of irrational number on the number line		"
8	Representation of real number on the number line by the		"
	process of successive magnification		"
9	Representation of root of positive real number on the number line		"
10	Cartesian co-ordination system		"
	Rate must be submitted online only on www.nprocure.com		

	STD. 10		
	Apparatuses / chemicals / charts - As per New Syllabus		
No.	Item	Rate	Unit
	APPARATUSES		
1	Concave mirror 4" diameter, FL 40/50cms		Each
2	Convex lens 3" diameter, FL 20cm		"
3	Glass slab 75x50x18mm, bubble free		"
4	Lens holder, brass heavy with adjustable stand		"
5	Mirror holder, brass heavy with adjustable stand		"
6	Drawing board 12"x18"		"
7	Meter rule wooden 50cms		"
8	A plane mirror size: 4"x3" with wooden stand		"
9	Screen, small, white, dia. Approx 3cms with stand		"
10	White screen approx 5"x5" with stand		"
11	Pretector		"
12	Milliameter 0-500mA DC, 80mm square deluxe with stand		"
13	Voltmeter 0-10V DC, 80mm square deluxe with stand		"
14	Battery eliminator 2-12V / 1 A		"
15	Rheostsat 100 Ohms / 1.6A		"
16	Unknown resistance on bakelite board with terminals 8 Ohms		"
17	Unknown resistance on bakelite board with terminals 12 Ohms		"
18	Plug key one way		"
	Stop watch digital		"
	Electronic digital balance, Load cell bases		
-	Capacity: 1200g, Sensitivity: 100mg,		"
	OR		
21	Physical balance in Divided souble door, wooden frammed,		
	glass case, S.S. pan, Brass parts, Superior VARANASI make		
	Cap. 200g, Sensitivity: 5mg		"
22	Physical weight box 1-100g with Brass weights Class B		"
	Junior medical microscope with heavy body, powder coated,		"
20	fitted with square stage 110x110mm, <u>Brass knobbed</u> coarse		
	and fine adjestment, all optics are housed in Brass tube,		
	metal mecahnical tube (not plastic), fitted with moveable		
	<u>condenser in metal housing</u> (not plastic) and Iris diaphragm		
	with rack and pinion arrangement, superior quality		
	Optical combination - Eye pieces: 10X & 15X		
	Objectives: 10X & 45X(SL)		
24	Dissection hav superior with 10.55 instruments		"
24	Dissection box, superior witjh 19 SS instruments		

	Glass wares / Plastic wares / Metal ware / General items		
No.	Item	Rate	Unit
1	Beaker, borosilicate glass, 250ml		Each
2	Beaker 500ml, borosilicate glass		"
3	Calcium chloride tower, borosilicate glass		"
4	Conical flask, borosilicate glass, 250ml		"
5	Cover slip packet		"
6	Delivery tube - twice bent		"
7	Delivery tube "Z" shape		"
8	Dropper 6" with rubber teat		"
9	Dropping funnel with stop cock 100ml		"
10	Funnel glass 3"		"
11	Gas jar, glass 6"x2" - require 6 jars		6pcs.
12	Lid for gas jar 6"x2" - require 6		6pcs.
13	Glass rod stirrer		Each
14	Measuring cylinder, borosilicate glass, 100ml		"
15	Measuring cylinder, borosilicate glass, 250ml		"
16	Measuring cylinder, borosilicate glass, 500ml		"
17	Pipette bulb, rubber		"
18	Pipette, graduated, borosilicate glass, 10ml		"
19	Pipette, graduated, borosilicate glass, 25ml		"
20	Pipette, graduated, borosilicate glass, 5ml		"
21	Pipette, volumetric, borosilicate glass, 10ml		"
22	Plane slide packet		"
23	R.B. flask, borosilicate glass, 250ml		"
24	Reagent bottle 500ml		"
25	Test tube, borosilicate glass, 5"x5/8"		"
26	Test tube, borosilicate glass, 6"x1"		"
27	Thermometer 110 C, Mercury filled		"
28	Thistle funnel, borosilicate glass		"
29	Watch glass 3"		"
30	Retort stand 8"x5"x24"x10mm		"
31	Universal clamp, Aluminium die cast heavy		"
32	Boss head for universal clamp		"
33	Tripod stand with heavy Cast Iron triangle and Zinc plated legs		"
	Size: 5" triangle, Legs height: 7"		"
34	Bunsen burner with Brass pipe, Brass stop cock in CI base		"
35	Wire gauss 6"x6" with double Asbestos centre		"
36	Crucible tongs 6"		"
37	Test tube holder		"
38	Spatula S.S. 6"		"
39	Copper metal plate impure with terminal		"
40	Copper metal plate pure with terminal		"
41	Soap mould		"
42	Stirrer metal		"
43	Pipette bulb, rubber (for sucking liquid into pipette)		"
44	Rubber cork for test tube 6"x1"		"
45	Rubber cork with 2 holes, for to be fix on Conical flask 250ml		"
46	Rubber cork with one hole for test tube 6"x1"		"
47	Rubber cork with two holes for R.B. flask 250ml		"

	Chemicals		
No.	Item	Rate	Unit
1	Acetic acid		500ml
2	Aluminium metal granular		500g
3	Aluminium sulphate		500g
4	Calcium chloride		500g
5	Calcium hydroxide		500g
6	Calcium oxide		500g
7	Carbon tetra chloride		500g
8	Copper metal powder		100g
9	Copper metal strip		500g
10	Copper sulphate		500g
11	Distilled water		1lit.
12	Ferrous sulphate		500g
13	Hydrochloric acid		500g
14	Litmus paper blue		1pkt.
15	Litmus paper red		1pkt.
16	Magnessium chloride		500g
17	Magnessium metal ribbon		25g
18	Magnessium sulphate		500g
19	pH paper 1-14pH		1pkt
20	Phenolphthalein solution		100ml
21	Potsssium permanganate		500g
22	Sodium bicarbonate		500g
23	Sodium carbonate		500g
24	Sodium chloride		500g
25	Sodium hydroxide flakes		500g
26	Sulphuric acid		500ml
27	Universal indicator solution		500ml
28	Zinc metal granular		500g
29	Zinc sulphate		500g
30	Lime water		500ml
31	Glycerin		1kg
No.	Item	Rate	Unit
	Permanent Slides		Each
1	Slide - Binary fission in Ameoba		"
2	Slide - Binary fission in Paramoecium		"
3	Slide - Buddiing in Yeast		"
4	Slide - Budding in Hydra		"

	with English & Gujarati Titles		
٧o.	Item	Rate	Unit
	Std.10 - Science Charts		Each
1	Dimensions of the physical world		"
2	Functioning of Compound microscope & Astronomical telescope		"
3	Human eye - structure		"
4	Electric current & Volta's cell		"
5	Functioning of Electric motor and Electric generator		"
6	Electric bell & Domestic electric circuits		"
7	Methods of metallurgy		"
8	Preperation of Hydrogen gas & Frash process to extract Sulphur		"
9	Refining of petroleum products & their uses		"
10	Cracking of hydrocarbons		"
11	Tetravalency and Catenation of Carbon		"
12	Saturated Hydrocarbonas		"
13	Unsaturated Hydrocarbonas		"
14	Preparation of Ethane and it's reaction		"
15	Preparation of Ethyne and it's reaction		"
16	Human digestive system		"
17	Human respiratory system		"
18	Human heart structure & Blood circulation in heart		"
19	Human excretory system & excretory unit		"
20	Structure & types of Neurons		"
21	Human brain		"
22	Human endocrine glands		"
23	Human reproductive system - Male		"
24	Human reproductive system - Female		"
25	Monohybrid experiment of Mendel		"
26	Dihybrid experiment of Mendel		"
27	Sex determination in Human		"
28	Evidenses of Evolution		"
29	Unit of Eco system		"
30	Food chain		"
31	Food web		"