

**MIZORAM STATE HEALTH SOCIETY
STATE PROGRAMME MANAGEMENT UNIT
OFFICE OF THE MISSION DIRECTOR
NATIONAL HEALTH MISSION
MIZORAM : AIZAWL**

No.D.21013/1/2018-NHM/MSHS/SPMU/PRO

Dated Aizawl the 28th September 2018

SEALED TENDER NOTICE

Sealed Tenders are hereby invited as per the schedule annexed to this notice on behalf of the Chairman, Mizoram State Health Society from reputed and bonafide Manufacturers or their only authorized dealers, for **Rate Contract of Medical Equipments, Instruments, Appliances etc under NHM, Mizoram** which will be received by the Mission Director, NHM, Health & FW Department, Dinthar, Aizawl, Mizoram on or before **31-10-2018 (Wednesday) upto 12:00 Noon** . Tenders are to be opened by the Technical Committee under the chairmanship of Mission Director, NHM, Mizoram, Aizawl or his authorized representatives at **1:00 PM** on the same day. The Tenderers or their representatives may also be present at the time of opening of the Quotations, if they so desire.

Terms and Conditions-

- 1) Tenders shall be submitted in duplicate and accordingly marked "**Original**" and "**Duplicate**" as the case may be ,on the cover of the envelope. The outer cover of the tender shall be superscribed as "**Rate Contract of Medical Equipments, Instruments,Appliances etc under NHM, Mizoram**" addressed to the Mission Director, National Health Mission, Dinthar, Aizawl clearly indicating full postal address with fax no.of the tender/sender.
- 2) Tenders shall be submitted in the prescribed form only which can be obtained from the office of Mission Director, National Health Mission, Dinthar, Aizawl, Mizoram on working days.
- 3) Tenders shall be accompanied with the Earnest Money Deposit of 2% of quoted value in the form of Demand Draft/Deposit at Call in original, from any Nationalized Bank of India or Postal Saving Certificate duly pledged in favor of Mission Director, National Health Mission, Mizoram, Aizawl.
- 4) Manufacturers submitting their tenders directly shall attach photo copies of their Manufacturing Licence, CIN (Corporate Identity Number) and other relevant permissions/licences required for such manufacturing duly attested by a Gazetted Officer or Notary. Original Certificates shall be produced at the time of opening of the tenders/quotations, if demanded.
- 5) Tenders received from firms and individuals who are not authorized dealers but only authorized to quote on behalf of the manufacturer or dealer shall be accepted. Authorized dealers shall attach Authorization or Distributorship or Dealership, as the case may be from the concerned Manufacturers. A Gazetted Officer or Notary,

- however, shall duly attest such photo copies. Original Certificate shall be produced at the time of opening of the tenders/quotations,if demanded
- 6) Quoted rates in terms of Indian Rupees shall be considered inclusive of all Taxes.If there are more than one brand, the separate rates for such brands with specific details should be mentioned.
 - 7) Warranty period should be mentioned clearly and availability of After-Sale- Services facilities during warranty period.
 - 8) F.O.R. destination is Central Medical Store, Zemabawk, Aizawl shall be clearly mentioned.
 - 9) Soft copy of tender document shall be enclosed alongwith other documents.
 - 10) Tender must be accompanied by the following documents-
 - a) Photo copy of GST Registration Certificate duly attested by a Gazetted Officer. Original Certificates should be produced at the time of opening of the tenders/quotations, if demanded.
 - b) Photo copy of Scheduled Tribe Certificate duly attested by a Gazetted Officer or Notary (for Tribal tenderer). Original Certificates should be produced at the time of opening of the tenders/quotations,if demanded.
 - c) Non-Judicial Adhesive Stamp worth at least Rs.7.50 should be affixed (for non-tribal tenderer)
 - 11) The tenderer shall submit Attested or Notorized Photo copy of valid and upto date ISO/GMP Certificate
 - 12) All pages of the tender papers should be printed,signed,stamped and dated; hand written quotations shall not be entertained. Any page or pages not signed, stamped and dated will be marked violated clause at the time of opening of tender.
 - 13) Tenders must enclose detail specifications of the items. They must also enclose relevant documents including catalogue /literature of the quoted items.
 - 14) A successful tenderer has to execute an appropriate Deed of Agreement within 15 (fifteen)days from the date of communication of acceptance of his/her quoted rate (s) by fax, failing which the tender will become invalid.
 - 15) Once the rate is accepted and communicated to the successful firm, the same will remain valid during the supply period of the agreement with the approved supplier and no price escalation will be permissible during the valid period, which is normally for a period of 12 months and is extendable, if mutually agreed upon by both the parties i.e. State Health Mission and concerned approved supplier, subject to the recommendation of the Purchase Committee, Mizoram State Health Society, as the case may be.
 - 16) A successful tenderer whose tender has been accepted shall furnish Security Deposit of 5% (five percent) of the value of the materials required to be supplied, at the time of execution of the agreement,in the form of Demand Draft/Fixed Deposited in any Nationalized Bank of India or Postal Savings Certificate, as the case may be, duly pledged in favor of Mission Director, NHM, Government of Mizoram, Aizawl.
 - 17) A successful tenderer shall supply the items within the stipulated time. If the supply cannot be completed within the stipulated period without any valid and justifiable reasons with prior intimation, the Society shall be at liberty to procure the materials from the next lowest tenderer and the differences in prices, if any will be realized from the Security Deposit of the successful and approved tenderer without assigning any reason thereof.

- 18) The Society shall not be bound to accept the lowest rate or any of the tenders even if valid, and reserves the right to accept or reject any tender without assigning any reason thereof/based on previous performance. The Society may give preference to an item of reputed brand/company with ISO specification.
- 19) In case of any legal dispute/litigations arising out of this Tender Notice or its terms, the local courts shall have the jurisdiction as per the relevant laws in force.
- 20) All payments will be made only after the materials are received in full and in good condition and after completion of installation and satisfactory commissioning.
- 21) If the above items are violated or unfulfilled, tender shall be rejected at the time of opening of the tender.

Sd/-Dr LALROZAMA, IAS
Mission Director , NHM
Mizoram: Aizawl

Memo No.D.21013/1/2018-NHM/MSHS/SPMU/PRO

Dated Aizawl the 28th September 2018

Copy to:

1. P.S to Hon'ble Minister, Health & Family Welfare Department, Govt. of Mizoram
2. P.S to Commissioner & Secretary, Health & Family Welfare Department, Govt. of Mizoram.
3. Principal Director, Health & Family Welfare Department for information.
4. Director of Health Services, Mizoram, Aizawl for information
5. Director of Hospital and Medical Education, Aizawl for information.
6. All concerned Programme officer, NHM, Mizoram.
7. The Editor_____with a request for publication of the above caption in your newspaper for atleast 2 consecutive days.
8. Guard File

Sd/-Mission Director,
NHM
Mizoram: Aizawl

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STATE PROGRAMME MANAGEMENT UNIT
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Sd/-

(DR LALROZAMA)IAS

Mission Director

National Health Mission

Mizoram: Aizawl

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4. Director of Health Services, Mizoram, Aizawl.
5. Director of Hospital and Medical Education, Mizoram, Aizawl.
6. All concerned Programme officer, NHM, Mizoram.
7. Incharge, website, Department of Health & Family welfare.
8. The Editor _____ with a request for publication of the above caption in your news paper for at least 2 (two) consecutive days. Payment of Advertisement Bill be done by the Mission Director, State Health Mission, Dinthar, Aizawl.
9. Guard File

Mission Director
National Health Mission
Mizoram: Aizawl

Tender For Rate Contract of Medical Equipments, Instruments, Appliances etc under NHM, Mizoram

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
1	Home Base New Born Care kit	Home Base New Born Care kit		
	Mucus Extractor	Material – Medical grade PVC Capacity 20 to 25 ml		
	Digital Thermometer	Fast reading,flexible probe,waterproof,LCD display easy to read		
	Torch light	2 pencil battery user		
	Baby Weighing Scale with Sling (Spring balance)	Measuring range upto 25kg, read out in kg,zero adjustment,		
2	Autoclave	Front Loading, Fully Automatic. Capacity 22 Ltr.Chamber size 250 mm x 450 mm, Net weight 55 kg, No. of Tray 3 Nos. With Vaccum, dry cycle, micro processor controlled. Bow and Dick test qualified, inbuilt Sensor for distilled water,Digital display of pressure & temperature,Double safety lock on door Can be used at 121 degree C/ 134 degree C during sterilization		
3	Periosteal Elevator	Double ended,It has a sharp, pointed, narrow end,Should be handy, lightweightand convenient to use,Made of medical grade stainless steel.		
4	Cryor (Left &Right)	Cryer Left S34.06 & Right S34.07,Cryer's Elevator,Blade Type –Angled Handle Type - Pear shaped,Number of Dental Elevator – 2		
5	Cement Spatula	Plastic made Spatula Double – ended stainless steel made spatula with length 44 mm Should be handy, lightweight and convenient to use Should be flat blade from one side, arch headed on another Handle length should be minimum 10mm Unit could be cleaned using alcohol based cleaning agents		
6	Drum Box	Should be reuseable, Thick non-slip handles Made of medical grade stainless steel,Should have 2 different type (including perforated) minimu 6 inch height and 9 inch diameter, Locking facility should be available,Should be CE (EU)/ISO certified or FDA (US) certified Should be autoclavable		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
7	Excavator	Must have sharp edged, spoon-shaped working ends that can be either circular or elongated. Made of medical grade stainless steel Should be CE (EU)/ISO certified or FDA (US) certified		
8	Mouth Mirror	Reusable mouth mirror, common mirror, Mirror should be detachable from the mirror handle and diameter 24mm Thick non-slip handle with minimum 10mm length Extra light and handy ensures a more fatigue-free working Medical Grade Stainless Steel Instrument should be CE (European) / ISO certified or FDA (US) certified Should be Autoclavable		
9	Probe	Extra light and handy ensures a more fatigue-free working, Should have a firm grip, Thick non-slip handle with minimum 10mm length , Medical Grade Stainless Steel, Instrument should be CE (European) / ISO certified or FDA (US) certified		
10	Tweezer	Type : Angled Should be non-locking Should have a firm grip Length range between : 15 cm and 18 cm, Medical Grade Stainless Steel, Instrument should be CE (European) / ISO certified or FDA (US) certified Should be Autoclavable		
11	Condenser	Double ended cylindrical condenser with serrated ends, Medical Grade Stainless Steel, Instrument should be CE (European) / ISO certified or FDA (US) certified		
12	Blade Holder	Material - Stainless Steel, Length - 13 cm, Sterile, Size - 20		
12	Torch Light	Focused Light With Beam Capacity Distance of 0.7 KM :: LED Wattage : 0.5 W Durable Plastic Body :: Very Light Weight :: Slide Switch		
13	Kidney Tray	Should be reusable , autoclavable, & medical grade stainless steel Size should be 8" Length, Rust free, lightweight and convenient to use Instrument should be CE (European) / ISO certified or FDA (US) certified, Should be Autoclavable		
14	Face Mask	2-ply protection, ear loop ,easy breathable, effective multilayer bacterial filter ,soft,		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		lightweight, comfortable and easy to wear 200 piece per pack		
15	White Goggle	Material - lightweight plastic,Anti fog safety glasses		
16	Aerotor Handpiece	Aerotor Handpiece, Push Botton,Power :16 W,Speed: 380,000 – 480,000,Head Size : 10.3 x H 13.5 mm		
17	Burs	Diamond burs, Burs assorted for contrangle hand-piece (round, straight, inverted cone),Round diameter – 014,Straight diameter – 009,Inverted cone diameter – 012,Made of medical grade material (tungsten or ceramic), Should have certification, Should have compact storage box,Sterilizable and cleanable using alcohol and other chemical agents		
18	File	Should have 15-40, 45-80 (21mm) sizes and color coded,Ground from Stainless steel wire,Should have certification CE (EU)/FDA(USA) Should have compact storage box Should be autoclavable		
19	Percussion Hammer	Steel with thermoplastic rubber triangular head test deep tendon reflexes		
20	Goniometer 180 Degree	A board perforated with a grid or pattern of holes, into which hooks or pegs can be fitted, Wooden,25 pegs, Multi colored		
21	Gym Ball/ Medicine Ball	65 cm,brightly colored, inflatable by foot pump Module heavy duty vinyl ball can support weight upto 150 kg		
22	Test tubes	Glass clear,Reusable 12 x 100 mm		
23	Test tubes	Glass clear,Reusable 12 x 70mm		
24	Centrifuge	No of Tubes – 6,Speed – 3500 rpm,Phase – Single, Tapered Bottom Glass Tubes, Rotor Capacity- 4x15ml,Voltage220-240 V Frequency - 50 Hz Head Type - Swing out Rotor Head		
25	Glass slides	76.2 x 25.4 mm Thickness 1 – 1.2 mm		

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		Breakable Glass reusable		
26	Counting chamber	Thick glass plate Size – 30 x 70 x 4 mm Reusable 2 square shaped ruled areas		
27	Fridge (for keeping reagents)	190L, Single door, Top Freezer Refrigerator, Direct Cool, Compressor type: Rotary Dimensions: Net Height: 1324mm, Depth: 619mm, Width: 536mm, Weight: 40kg		
28	ESR stand	STAND Material – Steel Type – Tube Stand Capacity – 6 Tubes		
29	ESR tube	TUBE Length – 15 cm Quantity – 100 per pack Type – Wintrobe pipet Material – Soda Lime Glass		
30	Hot Water bath	Dimension – 11.1' x 21.8' x 15.4', Capacity – 28 ltr, Weight – 30 lbs, Temperature Uniformity - $\pm 0.2^{\circ}\text{C}$ at 37°C , Temperature Stability - $\pm 0.1^{\circ}\text{C}$ at 37°C , Heater Output – 1200Watts @ 120V and 240 V, Electrical – 100 – 240 V, 50/60 Hz.		
31	Test tube rack	SMALL Double Platform Material – Aluminium Hole Diameter – 11 mm, Capacity – 20 ml		
32	Test tube rack	BIG Double Platform Material – Plastic Hole Diameter – 16 mm, Capacity – 31 ml		
33	Semi-auto analyser Spectro photometer Erba Chem 5 Plus V2	Erba Biochemistry Analyzer 300 microlitre of reagent per test Memory storage of 1000 results 2 levels monthly quality control data High resolution backlit graphic LCD display Versatile 10 analytical options Unique triple cuvette system 150 open test programmes User friendly software Built-in self Diagnosis		
34	Hot air oven	Inside Body – Stainless Steel, Accuracy – 0.1 OC, Power – 220 V AC 50 Hz, Single Phase, Outside Body – MS Power coated with Stove Enamel Paint, No. of selves – 2 Adjustable perforated cells, Body Structure – Double Walled structure filled with glass wool insulation,		

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		Heaters Quality – High Quality Chrome Heater insulated with ceramic beads, Air circulation by air circulating fan to ensure temperature distribution, Temperature control – by digital temperature indicator and controller, Temperature Display – Digital temperature display, Range of Temperature – Ambient to 2500C		
35	Micropipette	5 – 50 micro litre, Single Channel, Reusable Variable Volume		
36	Micropipette	100 – 1000 micro litre, Single Channel, Reusable, Variable Volume		
37	Cell counter	Operation Mode - Manual Manual Blood Cell Counter - 8 key, Has bell which could automatically sound at every hundred		
38	Needle cutter/Destroyer	Electric (A.B.S. Body), Power cord with suitable plug, Compact desktop machine to burn and destroy used needle and syringe, Single point operation.		
38	Beaker (Glass)	150 ml Material – Borosilicate Glass Has marked volume, Reusable Breakable		
40	Beaker (Glass)	250 ml Material – Borosilicate Glass Has marked volume, Reusable, Breakable		
41	Beaker (Glass)	500 ml Material – Borosilicate Glass Has marked line, Reusable Breakable		
42	Beaker (Glass)	1000 ml Material – Borosilicate Glass, Has marked volume, Reusable Breakable		
43	Measuring cylinder	25 ml Material : Glass Narrow cylindrical shape With marked line		
44	Measuring cylinder	50 ml Material : Glass Narrow cylindrical shape With marked line		
45	Measuring cylinder	100 ml Material : Glass, Narrow cylindrical shape With marked line		
46	Measuring cylinder	500 ml		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		Material : Glass, Narrow cylindrical shape With marked line		
47	Pipette tips holder/stand	Small Non-sterile, Volume Range : 20-100microlitre Universal Pipette tip fit		
48	Pipette tips holder/stand	Big Non-sterile, Volume Range : 100-1000 microlitre Universal Pipette tip fit		
49	Pipette pump	Capacity - 10 ml Precise pipetting and Zip quick emptying Material – Plastic		
50	Mouth pipette (Glass)	2 ml Material :Glass ,Reusable Breakable		
51	Mouth pipette (Glass)	5 ml Material :Glass,Reusable Breakable		
52	Mouth pipette (Glass)	10 ml Material :Glass,Reusable Breakable		
53	WBC Pipette	0.5 – 11 marking,Material – Glass with PVC Rubber tubing,Reusable Breakable		
54	RBC Pipette	0.5 – 101 marking,Material – Glass with,PVC Rubber tubing,Reusable Breakable		
55	Binet Kamat Test	Age Range: Norms for 4 - 12 years. Testing Time: 75 minutes Individual Performance Test. Consists of 9 sub-tests. Norms developed for sub-test as well as full scale. Abilities measured: Perception of Form (Gestalt) concept formation, memory span, learning & remembering, spacial visualization, Visual Motor co-ordination etc. Application: Dignosis & counselling, studies of child development.		
56	Vineland Social Maturity Scale (VSMS)	Should consist of a 117 data field interview format for parent or other primary caregiver. It should contain 8 subscales Psychometric Questionnaire measuring. 1) Communication skills 2) General self-help ability 3) Locomotion skills 4) Occupation skills 5) Self-direction 6) Self-help eating 7) Self-help dressing		

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		8)Socialization skills		
57	Dyslexia Early Screening Test (DEST)	Pearson India Education Services Pvt.Ltd (includes examiner's manual, envelope 1 (containing subtest cards and sample permission letter), envelope 2 (containing score keys), forward digit span CD, sound order CD, corsi frog, beads, cord, blindfold, balance tester, scoring software with manual and 50 score sheets in a bag).		
58	Bayley III Screening Test	Pearson India Education Services Pvt.Ltd (includes: Screening Test Manual (Technical & Administration), Screening Test Stimulus Book, 25 Screening Record Forms, Picture book & Screening Manipulative Set)		
59	Double Blood Bags (350ml)	<p>Capacity350 ml</p> <p>Design and shapes: Flexible pre-sterilized Pyrogen free Non-toxic, non-haemolytic, biocompatible material No risk of contamination and air embolism (closed system) with all leak proof seals (Disposable Bags) Slits at both sides of the bags should be enough to accommodate 5-10 ml volume test tubes</p> <p>The capacity of the bag should be enough to prevent any ballooning/ rupture of the bag from the seam when it is filled up with the requisite volume of blood.</p> <p>Tubing of bag:. Flexible non-kinking, Non-sticking, Transparent,Leak proof,The minimum length of tubing from primary bag to needle should be 80 cm, the tube should have multiple printed ID/Segment numbers. The numbers should be legible and clear, a clamp should be provided for closed system.</p> <p>Needle: 16 gauge ultra thin walled and straight Sharp regular and smooth margins and beveled tip Rust proof Tightly fixed with hub covered with sterile guard Hermetically sealed. The needle should not separate from the tube at any point of time, especially while removing it from the vein for donor safety.</p> <p>External Port: Tamper proof and shouldn't be re-capped</p>		

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		<p>Easily accessible</p> <p>Package: Protective dual packaging (Individual & Aluminum) eliminating microbial contamination on surface maintaining the contents of the bag Easy to handle</p> <p>Label: Non-peel off Heat sealed/ pressure embossed labels Remain attached between room temperature to 4°C with a transparent adhesive</p> <p>Date of manufacturing, date of expiry and lot number must be mentioned on each bag</p> <p>The expiry date should be at least 2 years from the date of manufacturing of blood bags and residual shelf life at the time of supply should be at least 3/4th of the total shelf life.</p> <p>Resistance to distortion: Filled to normal capacity, Bag shall withstand a acceleration of 5000g for 30 min at temperature 4°C to 24°C without becoming permanently distorted. Bag should be able to withstand temperature upto -80°C without breakage</p>		
60	Triple Blood bags (350ml)	<p>Capacity 350 ml</p> <p>Design and Shapes : Flexible pre-sterilized Pyrogen free Non-toxic, non-haemolytic, biocompatible material</p> <p>No risk of contamination and air embolism (closed system) with all leaks proof seals (Disposable Bags).</p> <p>Slit on the both sides of the bags should be enough to accommodate 5-10 ml volume test tubes.</p> <p>The capacity of the bag should be enough to prevent any ballooning/ rupture of the bag from the seam when it is filled up with the requisite volume of blood</p> <p>Tubing of bag: Flexible non-kinking Non-sticking Transparent Leak-proof</p> <p>The minimum length of tubing from primary bag to needle should be 80 cm</p> <p>The tube should have multiple printed ID/Segment numbers. The numbers should be</p>		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		<p>legible and clear. A clamp should be provided for closed system</p> <p>Needle: 16 gauge ultra thin walled and straight Sharp regular and smooth margins and bevelled tip 3. Rust proof Tightly fixed with hub covered with sterile guard. 5. Hermetically sealed. The needle should not separate from the tube at any point of time, especially while removing it from the vein for donor safety.</p> <p>External Port: Tamper proof and shouldn't be re-capped Easily accessible</p> <p>Package: Protective dual packaging (Individual & Aluminum) eliminating microbial contamination on surface maintaining the contents of the bag Easy to handle</p> <p>Label: Non-peel off Heat sealed/ pressure embossed labels Remain attached between room temperature to 4°C with a transparent adhesive Date of manufacturing, date of expiry and lot number must be mentioned on each bag The expiry date should be at least 2 years from the date of manufacturing of blood bags</p>		
61	HIV ELISA Kit	<p>It should be 4th Generation test kit.</p> <p>Should be solid phase micro plate coated HIV I & II recombinant and/or synthetic peptide antigens. The assay should detect HIV I and II antibodies.</p> <p>Adequate documents detailing the principle, components, details of antigen for antibody detection of HIV 1 and 2, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing & expiry dates should be provided with each kit. The kit should have approval of the statutory authority in its country of origin.</p> <p>In case of imported kits it should be registered and licensed in India by DCG (1).</p>		

Sl No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		<p>In case of indigenous manufacturers should be licensed issued by the competent authority defined under Drugs and Cosmetics Act, 1940 & also be evaluated by the centers approved by DCG (1). The kit should have shelf-life 12 months at 2°C — 8°C. The assay component should include reactive and non-reactive controls with each kit. The assay should have sensitivity level of 100% and specificity level of 99.97%. The manufacturer/ authorized agent should ensure maintenance of cold chain during storage and transport the kits at 2°C — 8°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO. Detection of Group O & Sub type C for HIV 1 prevalent in India. Use of envelop antigens gp41, C terminus of gp120 for HIV 1 and gp36 for HIV 2 & simultaneously detection of p24 antigen with p24 monoclonal antibodies.</p>		
62	Hepatitis B ELISA Kit	<p>Microplate ELISA coated with monoclonal antibodies to HBsAg. The assay should be able to detect surface antigen to Hepatitis B virus. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing & expiry dates should be provided with each kit.</p> <p>The kit to be procured should have approval of the statutory authority in its country of origin.</p> <p>In case of imported kits it should have been registered and licensed in India by DCG (I). In case of indigenous manufacturers they shall have license issued by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (1). The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees The assay component should include reactive and non-reactive controls. The assay should have sensitivity of more</p>		

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		<p>than or equal to 99% and specificity of more than or equal to 98%.</p> <p>The assay should have analytical sensitivity of detecting less than or equal to 0.5 ng/ml.</p> <p>The manufacturer/authorized agent should ensure maintenance of cold chain during storage & transport the kits at 2°C — 8°C.</p> <p>The cumulative time temperature indicator technology used should be pre-qualified by WHO</p> <p>The kit size should be 96 tests/ kit.</p>		
63	Hepatitis B Rapid Test Kit	<p>Should be solid phase/particle coated with monoclonal antibodies to HBsAg.</p> <p>The assay should be able to detect surface antigen to Hepatitis B virus</p> <p>Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing & expiry dates should be provided with each kit.</p> <p>The kit to be procured should have approval of the statutory authority in its country of origin</p> <p>In case of imported kits it should be registered and licensed in India by DCG (1).</p> <p>In case of indigenous manufacturers they should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</p> <p>The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees.</p> <p>The total procedure time shall not be more than 30 minutes</p> <p>The assay component should include Positive and Negative control in each pack of 50 tests.</p> <p>The assay should have sensitivity of more than or equal to 99% and specificity of more than or equal to 98%.</p> <p>The assay should have analytical sensitivity of detecting less than or equal to 0.5 ng/ml</p> <p>The manufacturer/authorized agent should ensure maintenance of cold chain during storage & transport the Kits at 2°C — 8°C.</p> <p>The cumulative time temperature indicator technology used should be pre-qualified by WHO</p> <p>The pack size should not be more than 50 tests wherein each test is individually packed</p>		
64	Hepatitis C ELISA Kit	<p>Microplate ELISA coated with recombinant/synthetic peptide antigens for</p>		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		<p>core, NS3, NS4, and NSS.</p> <p>Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing & expiry dates should be provided with each kit.</p> <p>The Kit to be procured should have approval of the statutory authority in its country of origin</p> <p>In case of imported kits it should have been registered and licensed in India by DCG (1).</p> <p>In case of indigenous manufacturers they shall have license issued by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</p> <p>The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</p> <p>The assay component should include reactive and non-reactive controls</p> <p>The assay should have a sensitivity more than or equal to 99 % and specificity of more than or equal to 98%.</p> <p>The manufacturer/authorized agent should ensure maintenance of cold chain during storage & transport the kits at 2°C — 8°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO.</p> <p>10. The kit size should be 96 tests/kit.</p>		
65	Hepatitis C Rapid Test Kit	<p>Should be solid phase/particle coated with recombinant and /or synthetic peptide antigens for Core, NS3, NS4 and NS5</p> <p>Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing & expiry dates should be provided with each kit.</p> <p>The kit to be procured should have approval of the statutory authority in its country of origin</p> <p>In case of imported kits it should have been registered and licensed in India by DCG (1).</p> <p>In case of indigenous manufacturers they should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (1),</p> <p>The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees, The total</p>		

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		<p>procedure time shall not be more than 30 minutes.</p> <p>The assay component should include Positive and Negative control in each pack of 50 tests.</p> <p>The assay should have sensitivity of more than or equal to 99% and specificity of more than or equal to 98%.</p> <p>The manufacturer/authorized agent should ensure maintenance of cold chain during storage & transport the kits at 2°C — 8°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO</p> <p>The pack size should not be more than 50 tests wherein each test is individually packed</p>		
66	VDRL (RPR)Test Kit	<p>The indigenous RPR (Rapid Plasma Reagin) kits should have been manufactured under manufacturing license issued by the State Licensing Authority under the Drugs and Cosmetics Act. The imported kits should have been imported under Import License issued by the DCG (1) under Drugs and Cosmetics Act.</p> <p>The assay should allow for qualitative and semi quantitative determination of Reagin antibodies in serum or plasma for sero-diagnosis of syphilis based on flocculation principle using non treponemal antigens. The assay should be suitable to perform with either serum or plasma</p> <p>The assay should have sensitivity of 85% or more in primary syphilis and a specificity of 93% or more.</p> <p>The assay should be calibrated to WHO reference serum and the same should be supported by statements in kit insert and certificate from manufacturer.</p> <p>The test should be able to yield results within 20 minutes.</p> <p>The pack size of RPR test kit should be less than or equal to 50 tests per kit.</p> <p>The assay components should include positive and negative serum controls sufficient for conducting 20% of the tests (10% negative and 10% positive controls)</p> <p>The kit should have all essential accessories required for the test such as cards, droppers, applicator, etc. in adequate quantities for the number of tests to be performed.</p> <p>The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees.</p> <p>The cumulative time temperature indicator</p>		

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		<p>technology used should be pre-qualified by WHO</p> <p>12.Literature, detailing the components, methodologies, validity criteria, performance characteristics, storage conditions, manufacturing and expiry dates should be provided with each kit.</p>		
67	Solar Blood bank Refrigerator (Small) for 30 to 40 bags capacity	<p>Solar Power is the latest trend in technology to minimize the need of electrical energy generated. And even in rural and low lying areas where electricity does not reaches, the use of electrically operated refrigerators create a problem. A solution to such problem are solar refrigerators that get cooled through sunlight.</p> <p>Specifications : Capacity : 30 to 40 bags Power requirements – 230V/50Hz, Energy Sources – 12VDC-12VDC, Temperature Range – 2-8°C, Hold over time – 2 hours to rise above 6°C, General Applications – 10 hours for all oaks to reach below 6°C, Refrigerant Used – R-134a (CFC free), Width of insulation wall – 120mm, Display – LCD, With appropriate Stabilizer.</p> <p>Safety thermostats Automatic temperature setting – Yes Adjustable limits - Yes</p>		
68	Insulated Blood Transport Box	<p>Fixed two temperatures setting adjustable to +4°C and +22°C. Capacity to accommodate minimum 48 blood bags of 450 ml. External dimension of each transportation box should be within 1000 -1500mm (L)X 800-1000 mm (W)X 600- 700 mm (H) Chest / Vertical Cabinet with built in handles and hinged door. Body material should be Polyethylene (corrosion free) Smooth castors with stabilizers for flexibility and movement. Ambient working temperature -2°C to +43°C Main power switch. Microprocessor based temperature controller with integrated audio visual temperature alarm function on digital monitoring display. Separate selector switch for + 4°C and +22°C temperature settings.</p>		

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		<p>Nominal DC power 12 / 24 volt and Nominal AC power 100 – 240 volt, 50/60Hz.</p> <p>Automatic AC / DC power supply selection.</p> <p>Automatic Cooling / heating operation.</p> <p>Air cooled hermetically sealed DC compressor.</p> <p>Vehicle fixation kit.</p> <p>Controlled fan cooling system for constant air/temperature distribution.</p> <p>For storage of Blood bags, minimum two (2) wire basket should be provided in each box.</p> <p>Power alarm audio and visual by LED. Audio alarm can be switched off.</p> <p>Temperature audio and visual high and low alarm by LED.</p> <p>Minimum Polyurethane insulation CFC free for the cabinet and the door</p>		
69	Examination lamp with white light	<p>Examination light spot cum examination light mobile floor model</p> <ul style="list-style-type: none"> - Lux @ 50 cm - 10000 - Arm - Adjustable arm flexible goose neck - Transformer - Integrated - Volt - 12 V - Watt - 50 W (halogen) 		
70	Measuring tape	<p>Plastic tape measure(metric)</p> <ul style="list-style-type: none"> -Length - 1.52 m or 5 ft 		
71	BP instrument (Aneroid)	<p>Should be aneroid type, Should have ISI mark.</p> <p>Should have a measuring range from 0 to 300 mmHg,</p> <p>Should be provided with adult arm cuffs of size medium & large and paediatriccuff.</p> <p>Connection : brass, nickel plated for 3-4 mm rubber hose.</p> <p>Dial – Aluminium</p> <p>Pointer – White coated, thin & sharp made of phosphorous Bronze</p> <p>Window lenses – Clear plastic.</p> <p>All plastic parts, if any used should not crack, flake, peel or disintegrate in normal use.</p> <p>The inflating rubber bag should be capable of withstanding an internal pressure of 450 mmHg without leaking.</p> <p>The inflating bulb should be soft and should not have any joints or ridges.</p> <p>The fastening arrangements of the cuff should be of hook and loop type (Velcro)</p> <p>The threading and fastening arrangement</p>		

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		<p>of the cuff should show no sign of slip or failure when subjected to the maximum test conditions.</p> <p>The rubber tubes used should have an internal diameter of $3 \pm 0.5\text{mm}$ and the external diameter should not be less than 8mm.</p> <p>The tubes should be fitted with male and female leur connectors.</p> <p>Should provide a carry bag to keep the whole system safe and sound. All parts should be replaceable in case of breakage.</p>		
72	Traction Bed	3 split traction bed, Leg rest		
73	MVA Double valve with cannulae	<p>Used for Manual Aspiration procedure (Medical termination of pregnancy)</p> <p>Made from medical grade polypropylene</p> <p>Kit consists of MTP Syringe, Karman Cannula, lubricating oil</p> <p>The MTP Syringe provides high vacuum suction during abortion procedure</p> <p>Smooth cannula with rounded tip and smooth eyes for atraumatic cannulation</p> <p>Available in single valve and double valve syringe</p> <p>Karman Cannula SMD 800 available separately as well in size 4mm - 12mm</p>		
74	Open care system on trolley with drawers, with radiant warmer, O2-provision	<p>Mobile newborn resuscitation table with fixed-height radiant warmer</p> <p>Antistatic castors, 2 with breaks</p> <p>Table surface with mattress with infant head/shoulder support</p> <p>Mattress-padding: foam density approx. 21 - 25 kg/m³</p> <p>Mattress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant</p> <p>Side boards transparent acryl, drop down and lockable</p> <p>Under table 2 storage drawers</p> <p>Side rails allow for mounting of accessories</p> <p>Hood suspended above the table integrates heating element and overhead light</p> <p>Overhead light: 2 x 50W halogen spot, with dimming function</p>		

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		<p>Integrated support for two 10 L oxygen bottles</p> <p>Control unit has flow meter and displays pressure</p> <p>Heating element: emitter with parabolic reflector and protected by metal grid</p> <p>Control unit allows air and skin temperature preset (LED indicator) and drives radiant heater output (servo and manual)</p> <p>Integrated timer: 1 to 59 min, with count-up and count-down feature</p> <p>Temperature range, skin: 34 to 38°C (user pre-settable)</p> <p>Monitoring of skin temperature by means of sensor, range: 30 to 42°C</p> <p>Heater output: 0 to 100% in increments of 5%</p> <p>Control unit: audiovisual alarms according to timer and temperature presets avoiding overheating</p> <p>Display reports systems errors, sensor failure</p> <p>Power requirement: 220 V/50 Hz</p> <p>Power consumption: 800 W</p> <p>Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions")</p> <p>Device is safety certified according CE 93/42, FDA 510k or equivalent</p> <p>Supplied with:</p> <ul style="list-style-type: none"> 1 x mattress 1 x skin temperature probe (including connection cable) 1 x spare skin temperature probe (including connection cable) 1 x spare heating element 2 x empty 10 L oxygen cylinders 1 x spare set of fuses <p>User manual with trouble shooting guidance, in English</p> <p>Technical manual with maintenance and first line technical intervention instructions, in English</p> <ul style="list-style-type: none"> List of priced accessories List of priced spare parts List with name and address of technical service providers in India <p>Training and installation at end-user site</p> <p>Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per</p>		

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		<p>year, (ii) on-call technical interventions, spare parts and travel</p>		
75	Phototherapy unit, single head, high intensity	<p>Heavy sturdy mobile stand phototherapy unit, Antistatic castors, 2 with breaks, Single head, surface size, approx: 0.50 x 0.75 m, Head height adjustable, approx: 1.40 to 1.75 m, Blue light, 4 Compact Fluorescence Tubes (CFL), approx: 20 W White light, 2 Compact Fluorescence Tubes (CFL), approx: 20 W, Tubes are protected by grill, Irradiance at skin level, up to: 40 uW/cm²/nm Wavelength: 420 to 500 nm, with highest intensity at 470 nm, Integrated cumulative hour timer, Power requirement: 220 V/50 Hz, Power consumption: 250 W, Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions"), Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: 2 x spare blue CFL tubes, 1 x spare white CFL tube, 1 x spare set of fuses, User manual with trouble shooting guidance, in English, Technical manual with maintenance and first line technical intervention instructions, in English List of priced accessories, List of priced spare parts, List with name and address of technical service providers in India, Training and installation at end-user site, Proposal for full service AMC, year 1 to 5, covering (i) 2 preventive maintenances per year, (ii) on-call technical interventions, spare parts and travel</p>		
76	Chemiluminescence Semi- Autoanalyser	<p>Analyzer should use wet chemistry reagent, Analyzer should have ability to use external cuvettes and integrated flow cell, Analyzer should have more than 200</p>		

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		<p>programmable channels, Key board should be touch/mechanical, Analyzer should have 5 assay types: End point, Fixed time, Kinetic, absorbance and 1-point calibration with option for extended keyboard. Analyzer must have calibration types: Linear factor, multi point, pint to point and Log-Logit. In kinetic essay measurement interval should be 1 second, 3 levels control with day to day levey jennings chart stored and displayed. Flow cell mut be quartz. Flow cell must have optical path of 10mm. Flow cell volumeshould be less than 20 µL. Measurement range should be 25, 30, 37 degree celsius with 1 degree increment. Standard wavelengths in the range of 340-700. Analyzr must store 1000 results. Analyzer resolution must be 0.0001 absorbance unit and absorption range from 0.00-3.00 unit.</p>		
77	Resuscitator, hand-operated, neonate, 250ml	<p>Resuscitator for manual ventilation of neonates Ventilation can be done with ambient air or with oxygen Resuscitator can be totally disassembled, is easy to clean, disinfect and sterilize All parts can be autoclaved at 1210C (except O2 reserve bag) Manufactured from durable high-strength synthetic not requiring special maintenance or storage, Resuscitator is supplied as a complete set in a box Compressible self-refilling ventilation bag, capacity, approx. 500 ml and 250 ml, With non-rebreathing patient valve with pressure limitation, Intake valve with nipple for O2 tubing, O2 reserve bag complete, capacity approx.: 2000 ml, Set of 3 cushioned neonate size masks, translucent (Size "0", approx: 50 mm),Device is produced by ISO 9001 certified manufacturer,Device is safety certified according CE 93/42, FDA 510k or equivalent, Supplied with: User manual with trouble shooting guidance, in English Technical manual with maintenance and</p>		

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		first line technical intervention instructions, in English List of priced accessories List of priced spare parts List with name and address of technical service providers in India		
78	Laryngoscope set, neonate	Laryngoscope set with neonate blades, Constituted of large hollow, cylindrical, slightly ribbed handle and a set of depressors in stainless steel, Handle is made of either chromium-plated or stainless steel and can be opened at an extremity to insert two alkaline batteries (LR14, size C, 1.5 Volts). The other end has a stud contact which fits the various sizes and types of depressors, 2 x curved depressors, Macintosh type No. 1, approx 68 mm length with halogen bulb, 2 x straight depressors, Miller type No. 0, approx 53 mm length with halogen bulb, Presented in suitable protective plastic box, Device is produced by ISO 9001 certified manufacturer (Certificate to be submitted, further details see "Technical Provisions"), Device is safety certified according CE 93/42, FDA 510k or equivalent Supplied with: 2 x spare halogen bulbs (1 for each depressor), User manual with trouble shooting guidance, in English, Technical manual with maintenance and first line technical intervention instructions, in English, List of priced accessories, List of priced spare parts, List with name and address of technical service providers in India		
79	Light, examination, mobile, 220V/12V	Mobile light for medical examination, Stand with 5 anti-static swivel castors, Articulated arm 105 cm, spring loaded, with on/off switch and integrated transformer, Halogen bulb: 12V/20W, Light intensity approx: 20.000 Lux at 40 cm, Natural white light: colour temperature 4000 K, Reflector adjustable for positioning, Power cord: length approx 3 m, Power requirements: 220 V/50 Hz, Power consumption: 50 W, Device is produced by ISO 9001 certified manufacturer, Device is safety certified according CE 93/42, FDA 510k or equivalent,		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
		<p>Supplied with:</p> <p>1 x spare halogen bulb, 1 x spare set of fuses, User manual with trouble shooting guidance, in English, Technical manual with maintenance and first line technical intervention instructions, in English, List of priced accessories, List of priced spare parts, List with name and address of technical service providers in India, Assembly and installation at end-user site,</p>		
80	PPIUCD Forceps	<p>Weight of forceps : 110 -115 g, Diameter of inner ring (J) : 11 to 15 mm (major diameter), Diameter of inner ring (I) : 8.0 to 8.8 mm (minor diameter), Thickness of ring : 3.5 to 4 .00 mm,</p> <p>Length of the clearance of forcep (D) : 33 to 35 mm, Tip to box joint length (B) : 141 to 145 mm,</p> <p>Box joint to end of grip length (C) : 177 to 181 mm, Tip to end of grip length (A) : 315 to 325 mm (Overall length), Diameter of the finger rings (G) : 27.2 - 27.5 mm (major diameter),</p> <p>Diameter of the finger rings (H) : 23.1 - 23.4 mm (minor diameter), Thickness of the finger rings : 3.5 – 3.8 mm,</p>		
81	Drug box (Patient Wise Box) Type A	<p>Material- 3 ply corrugated , top paper 230 gram white colour, inner wall having 2ply all 150 gram brown colour. Opening : from top with attached lid</p> <p>Size- (12x10x3.25) inches, Colour – outer white , inner brown.</p> <p>Partition in the box : 3 ply white to white 2 vertical & 12 horizontal fitting into vertical serially , Size of partition – Exactly fitted with the box</p>		
82	Drug box (Patient Wise Box) Type B	<p>Material- 3 ply corrugated , top paper 230 gram white colour, inner wall having 2ply all 150 gram brown colour, Opening : from top with attached lid, Size- (12x6.5x4) inches</p> <p>Colour – white, Partition in the box : 3 ply white 1 vertical</p>		
83	Thermacol Box	Type A Box (for 4 falcon tubes) colour- white		
84	Thermacol Box	Type A Box (for 8 falcon tubes) colour- white		
85	Gel Pack	5x3 inch length x breath		
86	Gel Pack	7x5 inch length x breath		
87	Digital Calorimeter	Push button set for OD zero		

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88	Measuring Cylinder	Transparent glass 50 ml		
89	Measuring Cylinder	Transparent glass 1000 ml		
90	Hot Air Oven	Size – 455mmx455mmx455mm		
91	Urine Sample Container	Plastic Screw Cap		
92	Vetroclean	500 ml		
93	Conicle Flash	Transparent glass 100 ml		
94	Marker			
95	Graduated Cylinder	Transparent Glass 500ml		
96	Test Tube Brush			
97	Bottle Brush			
98	Water Bath	Size - 330mmx300mmx150mm		
99	Autoclave	<p>Medical agricultural, Pharmaceuticals, Hospital dressing linen, rubber,Plastic goods, Surgical instrument's glassware etc Size 23 litres vertical shape,Inner jacket & Outer made of stainless steel 304 qly. tripled alled, Flanged type heating elements are fitted,Insulation: 62 mm by mineral wool,Water level indicator. With low water level cut off device,Pressure guage,With self locking safety door, A synthetic neoprene rubber gasket,Pressure control switch (piezostat) to control the pressure between 15 psi to 22 psi,Two separate speed exhaust are available for evacuating,A plug screen prevents the discharge line from chocking,With an automatic vacuum breaker,Two separate valves provided for evacuating air and steam,A steam trap to eliminate the condensate automatically,With pressure control, main switch, pilot lamps, relays etc,This autoclave will have one number door,To work on 400 – 440 volts a. C 3 phase 4 wire system, FULLY MICROPROCESSED PID CONTROLLER WHICH will have following features:- Can be operated on manual mode either or fully automatic mode,</p>		
100	Water Bath	Size 14 litres, rectangular shape, Suitable for the washerman, Kolmer and Khan test in activation, Paraffin embedding etc,Double walled inside, made of stainless steel 304 qly,Outside of mild steel sheet duly painted with epoxy powder coated,25 mm mineral		

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		wool insulation on five sides, Temperature is controlled by a hydraulic type thermostat from few °C above ambient to 100 °C=0.5 °C,Heating element are copper Nickel plated tabular type,With perforated and removable diffuser shelves,Stainless steel cover, brass drain plug, cord with plug gable type cover on request,Work on 220/230 volts A.C (But without rack and thermometer)		
101	Weighing Scale	Type of product - Electronic weighing balance Capacity - 220g Least Count - 0.001g Display Type - LCD Platter size(mm) - 110mm		
102	Mixer Rotator	Max rpm - 4200 Orbital diameter (mm) - 4.00 Motor - BLDC Display - digital Max load in gm - 500 Speed Control - Yes Dimension (WXDXH) in mm - 205X136X138.5		
103	New Standard miniature light trap	6 VDC		
104	CDC gravid trap			
105	Automatic charger for 2	6V battery input 220AC,50/60Hz		
106	Mouth aspirator with HEPA filter			
107	Insulated dry ice container (igloo)			
108	Killing jar and assembly			
109	Entomology kit	comprising 42 items		
110	Ganesh pump			
111	Rodent live trap			
112	Larvae collection kit			
113	Mechanic aspirator			
114	Pictorial identification			

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	keys for Anopheles, Culex, Aedes and monsia			
115	Ultrasonic Scaler	Woodpeker UDS E Ultrasonic Scaler with Tips, Detachable LED Handpiece Autoclaveable For Cleaning of teeth surfaces		
116	API Extraction Forceps Kit (Adult)	Set of 14 diff. forceps		
117	API Extraction Forceps Kit (Pedo)	Set of 14 diff. forceps		
118	API Elevator	Set of 9 includes apexo, Cryer, hospital pattan, coupland & Crossbar ,For removal of impacted tooth		
119	Woodpeker LED Light Cure	For composite filling of teeth		
120	Kulzer Charisma Composite Kit	4pcs composite syringe 4gm each, 1 bonding agent, 1 etching gel, micro brushes and applicator tips.		
121	Ketac Molar Glass IONOMER Filling	For filling of permanent molars		
122	3M CAVIT G Temporary Filling	For filling of teeth for children		
123	API NON Locking Tweezer	Straight & Curve for adult and children		
124	Mouth Mirror with handle per piece (Waldent)	Mouth Mirror - For seeing the mouth cavity properly		
125	Waldent Diagnostic Set (1 Mirror, 1 Explorer & 1 Tweezer)	Mouth Mirror - For seeing the mouth cavity properly Explorer : To test the extend of the carius tooth		
126	Scissor	Small Size Straight		
127	Scissor	Small Size Curved		
128	Apron, Dustbin,	1. Apron - Normal Size 2. Dustbin - Plastic Basket with set of plastic bag.		
129	Mosquito rearing box	Box, 1x1x1 ft or its equivalent, Material - plastic/polypropylene		
130	Backpack Sprayers with Pressure Gauge (HC Pumps)	14 Itrs capacity (Brass Tank)		
	Spare Parts			
131	Rubber Washer	14 Itrs capacity		
132	Flat Fan Nozzle	Brass		

SI No	Name of Item	Specification	Rate in Word (in Rs)	Rate in Figure (in Rs)
133	Trigger cut off with pipe	2 mt per no.		
134	Air Check Valve			
135	Pump barrel assembly			
136	Sprayer Rod (Long hose sprayer)			