

Notice Inviting Tender
For
Supply of
EQUIPMENTS FOR DEPT. OF CM & FM



File No : J-11023 (004)/2013/S&P
Issue Date : 30-07-2015
Last Date of Submission : 21-08-2015 at 12.00AM
Tender opening date (Technical bid): 21-08-2015 at 3.00PM

All India Institute of Medical Sciences,
Bhubaneswar

All India Institute of Medical Sciences, Bhubaneswar

Email: info@aiimsbhubaneswar.edu.in

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All India Institute of Medical Sciences (AIIMS), Bhubaneswar, Odisha, an apex healthcare institute, established by an Act of Parliament under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders in two-bid system for supply of the following items at the institute. Intending Tenderers are requested to quote their best offer along with the complete details of specifications, terms & conditions.

S.no	Item Description	Quantity
1.	Equipment for Dept. of CM & FM	<i>As per Annexure - I</i>
2.		

(Refer Details as per Annexure-'I')

Tender should be sealed and Superscribed with tender number and address to:

“Administrative Officer
All India Institute of Medical Sciences,
Patrapada,
Bhubaneswar- 751019

The sealed Tender should reach the Institute, latest by **21-08-2015 at 12.00PM** and the technical bid will be opened on **21-08-2015 at 03:00PM** in the Administrative Office of, AIIMS, Bhubaneswar in the presence of the bidder(s) or their authorized representative(s), who may choose to remain present at the scheduled date and time. The financial bid of the technically qualified bidders shall be hoisted in the website of AIIMS, no paper publication shall however, be made for opening of the Financial Bid.

Terms & Conditions:

- 1. Earnest Money Deposit:** The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs.25,000/- (Rupees Twenty Five Thousand Only) by way of FDR/BG only and Rs.2,000/- as tender fees in any Nationalised Bank drawn in favour of the “AIIMS Bhubaneswar”. (TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY AND TENDER FEES ALONGWITH THE TECHNICAL BID SHALL BE SUMMARILY REJECTED). The demand drafts towards Tender fee shall be drawn in favour of “All India Institute of Medical Sciences, Bhubaneswar”. The demand drafts/Bank Guarantee for Earnest Money Deposit must be enclosed in the envelope containing the technical bid.

The EMD of the unsuccessful bidder(s) it would be returned after award of the contract. The EMD of the successful bidder can be returned after furnishing Performance Security as prescribed.

The firms who are registered with National Small Industries Corporation (NSIC) / OR Small Scale Industrial (SSI) are exempted to furnish EMD (Copy of registration must be provided along with the Technical Bid).

- 2. Rate:** Rates should be quoted in Indian Rupees (INR) on F.O.R Basis at AIIMS, Bhubaneswar, Odisha, Inclusive of all the Charges, with break-ups as:

- Basic Cost.
- VAT /CST as applicable. ‘
- Total Cost (F.O.R at AIIMS Bhubaneswar).

- 3. Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.

In case the tenderer withdraws, modifies or changes his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

- 4. Warranty / Guarantee:** Bid must be quoted with Three (03) years comprehensive on-site warranty / guarantee and it will be started from the date of the satisfactory installation / commissioning of goods, against the defect of any manufacturing, workmanship and poor quality of the components.

- 5. Uptime guarantee:** The firm should provide uptime guarantee of 99% during warranty and CMC period, with acceptance of the penalty clause in case of failure to do so.

6. Downtime penalty Clause

During the comprehensive warranty period, the guarantee uptime of 99% of 365 days will be ensured. In case the down time exceeds the 1% limit penalty of extension of guaranty period by two days for each additional day of down time will be enforced. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Institute.

If accessories/other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.

The principal supplier or their service partners are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

7. FALL CLAUSE

If, at any time, during the said period, the supplier reduce the said prices of such Stores/Equipment or sales such stores to any other person/organization/Institution at a price lower than the chargeable, he shall forthwith notify such reduction or sale to the All India Institute of Medical Sciences (AIIMS) Bhubaneswar and the price payable for the Stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

The supplier shall furnish the following certificate to the Administrative Officer along with the Technical Bid.

“I/We certify that the Stores of description identical to the Stores supplied to the government under the contract against Tender herein have not been offered/sold by me/us to any other person/organization/Institution upto the date of completion of supplies against all supply orders placed during the currency of the tender/rate contract at the price lower than the institute under contract /against tender”.

- 8. Delivery & Installation:** All the goods ordered shall be delivered within 4 (Four) week from the date of issue of supply order/ acceptance letter. All the aspects of safe delivery shall be the exclusive responsibility of the supplier. The acceptance of the Supply order should be furnished with 7 (seven) days from the date of issue failing which it shall be treated that the firm has accepted the Supply Order from the date of issued.

If the supplier fails to deliver, install and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 2% per week or part thereof exceeding 3 days of the total order value shall be levied subject to maximum of 10% of the total order value. (Excluding the date of issue of Supply Order / acceptance letter and date of delivery).

- 9. Performance Security:** The supplier shall require to submit the performance security in the form of Bank Guarantee or Fixed/Term Deposit Receipt (TDR) issued by any Nationalised Bank for an amount equal to the 10% of the order value and should be kept valid for a period of 60 day beyond completion of all the contractual obligation including CMC period.

10. Payment Term:

- 70% payment of the total order value shall be released after the successful installation of the ordered goods against the submission of the test report & on furnishing of Performance security & execution of Contract Agreement.
- Balance 30% of the order value shall be released after one month of successful installation of the item and basing upon the report of satisfactory functioning to be furnished by the user department.

- 11.** Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document duly signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.

- 12.** Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.

- 13.** After due evaluation of the Bid(s) the Institute will award the contract to the responsive tenderer. Who has qualified the Technical Evaluation.

- 14.** Conditional bid will be treated as unresponsive and it may be rejected.

- 15. *The Institute reserves the right to accept in part or in full or reject any or all Tender(s) without assigning any reasons or cancel the tendering process and reject all Tenders at any time prior to award of contract, without accepting any liability, whatsoever that may affect bidder or bidder(s) in any manner.***

16. TENDER EVALUATION

Tender(s) evaluation will be done in **two stages**:

- a. Technical Bid and
- b. Financial Bid.

Each Bid is to be submitted in separate sealed envelopes super-scribed "Technical Bid" and "Financial Bid" respectively. All these 2 envelopes should be put in another envelope marked

as **“Tender for Equipment for Dept. of CM & FM of AIIMS, Bhubaneswar”** sealed with sealing wax.

17. TECHNICAL BID:

The firm should submit the technical bid in a sealed cover separately super-scribed **“Technical Bid for Equipment for Dept. of CM & FM ”** along with Name and address of the Bidder. Technical bid should contain:

- a. The name of items with specification and makes/brands of the items, with name of manufacturer & address must be enclosed.
- b. Literature and catalogues in support of items quoted must be enclosed.
- c. Whether the items quoted is as per specification, if not the statement of deviation (Parameter wise) from the tender technical specification must be enclosed.
- d. Details about the
 - i. Past experience (in years).
 - ii. Spares & services after the sale of the equipment.
- e. Name, Address, Phone & Fax No. of Service Centre at Bhubaneswar or nearby.

The Committee constituted for the purpose shall technically evaluate the items on the basis of specification as per Annexure I, make/brand quoted; literature enclosed, sample submitted wherever asked, the authority from manufacturer for the item etc. The items accepted technically will only be considered for price evaluation (price bid). Price should not be quoted with technical bid, otherwise the tender will be rejected without any correspondence.

18. FINANCIAL BID:

Should be submitted in a separate sealed envelope super-scribed the word **“Financial Bid for Equipment for Dept. of CM & FM”** along with Name and address of the Bidder.

The Price should indicate cost on mentioned at para/clause 2 above. Offers with price variation clause will not be accepted. The rates quoted in ambiguous terms such as “Freight on actual basis” or “Taxes as applicable extra” or “Packing forwarding extra” will render the bid liable for rejection.

19. The Authorised Official of the Institute shall have the right to inspect the good at the time of manufacturing for which The Supplier should intimate the Institute at all major stages manufacturing. If any defect is noticed the supply order shall be cancelled.

20. Applicable Law:

- The contract shall be governed by the laws and procedures established by Govt. Of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
- Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Bhubaneswar, Odisha, India only.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Bhubaneswar. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier if produced on record.

Annexure - I**Equipment List for Dept. of CM & FM**

sr no.	Equipment list for the Department	Quantity	FUNCTION
1	Filter, Pasteur chamberland, complete set	1	for water purification
2	Filter, Berke Field	1	for water purification
3	Hydrometres, Spirit	3	alcohol by volume (strength) measurement
4	Hydrometres, milk	3	to detect density of milk
5	Digital Thermometer	10	to record temperature
6	Mercury Thermometer	5	to record temperature
7	Dial Thermometer	10	to record temperature
8	Magnifying glass	10	
9	Fly Trap	2	for house fly control
10	Rat Trap (Sherman type and Cage Trap)	2	for demonstrating rodent control techniques
11	Hand sprayer	2	for vector control
12	Knapsack Sprayer	2	for vector control
13	Compression Pneumatic Sprayer	2	for vector control
14	Power Operated sprayer	2	for vector control
15	Insecticidal Fog generator	2	for vector control
16	Aerosol Dispenser	2	for vector control
17	Dust Gun	2	for vector control
18	Hand carried Thermal fogger (Pulse jet and Friction Plate)	2	for vector control
19	Hand carried Cold fogger	2	for vector control
20	Flit gun	2	for vector control
21	Bicondylarcaliper	2	To measure bone diameters
22	Abdominal caliper	2	To measure the distance between the subject's back and the front of the subject's abdomen.to aid the prediction of cardiac risk
23	Harpenders Callipers (for skinfold thickness)	2	for skin fold thickness measurement and defining obesity
24	Height measuring stand	4	to measure height
25	Goniometer	1	Used to measure angular joint movement
26	Neonatometer	3	used to measure length of neonate
27	Measuring table-Infant	3	used to measure length of infant
28	Measuring table-Harpenden	2	used along with harpenden callipers
29	Orchidometer	2	To measure the size of the testicles.
30	WHO Hb Colour Scales	25	to screen people with anemia during field studies
31	X ray View Box (3 X rays)	2	to view xrays
32	X ray View Box (1Xrays)	2	to view xrays
33	torch (Small size)	6	for examination
34	Monofilament (10g)	10	to test for sensations in diabetic foot
35	Knee jerk Hammer	10	for CNS Examination
36	X ray Films (CxR of TB, Pneumonia, COPD, Asbestosis, Silicosis, CCF)	2	
37	Tuberculin Syringe	10	for ppd testing
38	Insulin Syringe	10	for insulin injections
39	Shakirs Tape	10	for arm circumference measurement in malnutrition cases
40	Tuning fork (128/256 Hz)	5	for vibration sense

41	Colour Coded Bins (Yellow/Black/Red/Blue)	1	for bio medical waste disposal
42	Spring Balance (To Measure Waste)	6	for bio medical waste disposal
43	Kata thermometer	3	for humidity
44	Black Globe Thermometer	2	for radiant heat
45	Insecticide treated Mosquito nets	5	to demonstrate vector control methods
46	TDS Meter	10	estimation of Total dissolved solutes in suspension-- water testing
47	Rain guage	10	to study rain fall
48	Day Light factor equipment	3	to study the illumination in room
49	Sling Psychrometer	10	to study wind velocity
50	Communicable disease slides	10	
51	Vector slides (Full Set)	12	
52	Outbreak Investigation Kit	2	
53	Standard Larval Ladle	10	for entomological surveys
54	Digital Weighing machine (adult)	10	to record body weight
55	Food weighing scale, capacity 2 Kg	10	for diet surveys
56	Ishihara Charts	30	to detemine status of colour vision
57	Glucometer	25	to measure blood glucose
58	Torch (Big size)	6	for examination
59	Peak Flow Meter	10	for screening people with COPD
60	Ophthalmoscope	5	for fundus examination in diabetes , hypertension patients etc
61	SahlisHemoglobinometer	25	for estimation of hemoglobin
62	Personal Protective Equipment (Gloves, Goggles, Hard Hats, Face Shields, and Ear Muffs)	5	occupational health
63	Near Vision Charts	25	for near vision testing
64	Auto Disable syringe	10	injection safety device - prevents reuse
65	Vaccine carrier	20	
66	Ice packs	150	
67	Cold box	10	
68	Freeze Tag / Freeze watch	9	for monitoring cold chain
69	No scalpel vasectomy instruments	5	for contraception
70	Needle Destroyer	20	for bio medical waste disposal
71	Needle Cutter	30	for bio medical waste disposal

SPECIFICATIONS

1. FILTER, PASTEUR CHAMBERLAND, COMPLETE SET.

The essential part of a filter is the candle, which is made of unglazed porcelain in Pasteur Chamber land type

2. FILTER, BERKE FIELD.

The essential part of a filter is the candle, which is made of Kieselgurh in Berkefeld type.

3. HYDROMETERS, SPIRIT

Precision Alcohol meter 0%-100%

4. HYDROMETERS, MILK

- Length 6"
- Accuracy +0. 5 lr
- Range 0-40

5. DIGITAL THERMOMETER

1 Description of Function		
1.1	For measuring temperatures and displaying it with LCD/LED	
2 Operational Requirements		
2.1	Portable, battery operated system is required	
3 Technical Specifications		
3.1	Temperature measurement range: - 40 deg C to 210 deg C	
3.2	LCD readout	
3.3	Temperature measurement accuracy : $\pm 0.1^{\circ}\text{C}$	
4 System Configuration Accessories, spares and consumables		
4.1	System as specified-	
4.2	Temperature probe-(quote prices for both surface and internal probes)	
4.3	Battery operated	

6. **MERCURY THERMOMETER**

Should be able to measure body temperature

Should be glass clinical thermometer instrument for determining temperature.

It should consist of a glass bulb attached to a fine tube of glass with a numbered scale, and should contain a liquid (as mercury) that is sealed in and rises and falls with changes of temperature.

Range should include 35-42°C & 95-108°F.

Accuracy $\pm 0.1^\circ\text{C}$ & $\pm 0.2^\circ\text{F}$.

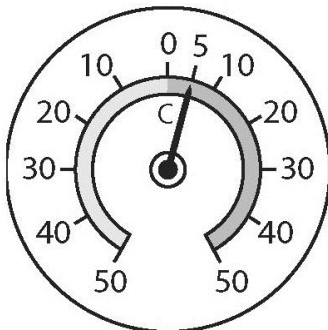
It should be supplied in individual plastic case.

Manufacturer should have ISO certification for quality standards

7. **DIAL THERMOMETER**

On a dial thermometer, the needle moves around the scale, pointing to plus (+) numbers when it is warmer and to minus (-) numbers when it is colder

Most dial thermometers can be re-calibrated by adjusting a facility screw on the back of the thermometer



8. **MAGNIFYING GLASS**

Diameter range 8cm – 12cm , Magnification range – 5X – 10X

9. **FLY TRAP**

Newer mechanical fly catching devices have been developed which have bags with attractants inside which attract the houseflies and on entry inside the bag, they get trapped and eventually are killed.

10. RAT TRAP (SHERMAN TYPE AND CAGE TRAP)

Cage traps

Used for capturing rodents live.

These traps are designed to catch and hold one or more animals by means of a falling or sliding door, triggered when the rodent enters or nibbles at a bait.

Sherman traps

Are foldable box traps made of aluminium?

Used for trapping rodents for research purposes or during epidemic investigation.

Traps live rodents.

Have an added advantage of ensuring that ectoparasites are not lost, even if the trapped rodent dies.

Generally baited with freshly made baits rich in fat e.g. pakoras (fried snack of onion mixed with gram flour) or fried fish, chicken etc.

11. HAND SPRAYER

It is provided with a small can for holding $\frac{1}{2}$ to $1\frac{1}{2}$ l of spray fluid and a cylindrical plunger type air pump. The nozzle size is less than 0.4 mm, in order to produce a fine spray. A number of other light hand sprayers have been designed which can be pressurized in the manner of compression sprayers and are used to produce a mist or fine droplet spray.

12. KNAPSACK SPRAYER



Knapsack Sprayer.

This is designed to fit on to the back of the operator and usually has a capacity of 15 to 20 ltr. It incorporates a light but powerful diaphragm pump actuated by a lever carried forward to the operator's hand where it is worked by an up-and-down movement. These sprayers are used both for larviciding and residual spraying. The nozzle size used for residual spraying varies between 0.78 to 1.0 mm so as to produce a coarse spray.

13. **COMPRESSION PNEUMATIC SPRAYER**

It has a hand operated pump incorporated to build up adequate pressure. When the pressure is released by a trigger on the lance, the liquid is forced out from the tank to the nozzle by the compressed air and a continuous spray of the insecticide formulation is produced. It is slung over the shoulder with one strap or may be carried on the back with two straps. It is operated by one person.



Pneumatic Compression Sprayer

14. **POWER OPERATED SPRAYER**

These are useful for application of insecticides over large areas. These are hydraulic sprayers in which the spray liquid is expelled to the nozzle by positive displacement by the plunger pump. Insecticide tanks built into a truck or mounted over a hand trolley are connected directly to a power operated compressor. By means of a long hose the spraying fluid is conveyed under pressure through the lance to the nozzle.

15. **INSECTICIDAL FOG GENERATOR**

Several types of these are now available for the production of insecticidal fogs in the open on a large scale. In these fogging machines the oily solution of the insecticide is finely atomized by the powerful blast of hot exhaust gases from a petrol engine.

16. **AEROSOL DISPENSER**

These are used for disinsectisation of aircrafts, tents, rooms and similar small enclosures. It contains insecticide and a propellant.

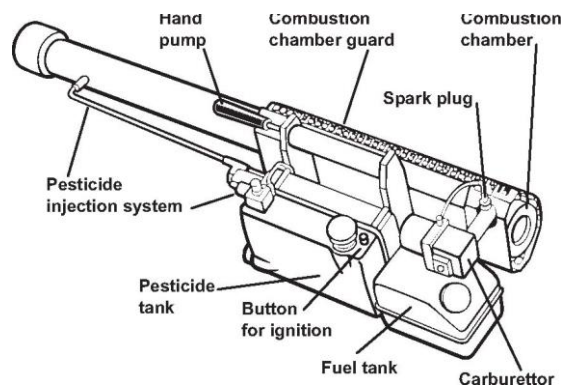
17. **DUST GUN**

Insecticidal dusts are applied against lice, fleas in rat burrows or on water surfaces as dry powders diluted with inert dusts. Small light weight guns are used for mass delousing of infested people.

18. HAND CARRIED THERMAL FOGGER (PULSE JET AND FRICTION PLATE)



Hand-held Thermal Fogger

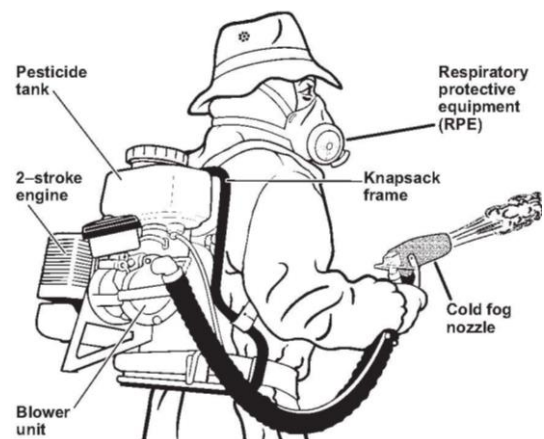


Thermal fog is produced by special devices known as thermal foggers that use heat to break up the chemical into very small droplets (usually in 5-30 micron diameter range) which then disperse in the air. When the chemical (usually diluted with oil-based carrier) is heated, it is vaporized in a combustion chamber and then expelled via an outlet tube to form a dense fog cloud when it condenses on contact with cool ambient air.

The insecticide used in thermal fogs is diluted in a carrier liquid, which is usually oil-based. Hot gas is used to heat the pesticide spray, decreasing the viscosity of the oil carrier, and vaporizing it. When it leaves the nozzle the vapour hits colder air and condenses to form a dense white cloud of fog. Most of the droplets are smaller than 20 μm .

19. HAND CARRIED COLD FOGGER

The cold fog is produced by a special device (cold fogger) that breaks up the chemical into microscopic droplets by mechanical means, basically with a high-pressure pump and an extremely fine nozzle. The spray droplets are generated without any external heat. With cold fogs the volume of spray is kept to a minimum. Ultra-low-volume insecticide formulations are commonly used for such applications. The cold fogger may dispense formulations in a very concentrated form and generate the droplets (usually in the 5-30 micron diameter range) in a precise manner.



Most of these machines have gasoline engine or electric operated which drives a blower unit to discharge air through the nozzle. Air may also slightly pressurize the

insecticide formulation tank so that the liquid is fed via a restrictor to the nozzle. However, negative pressure generated by the air flow passing through the nozzle allows liquid to flow from the tank.

20. FLIT GUN



21. BICONDYLAR CALIPER

BICONDYLAR CALIPER

S.I.No	BICONDYLAR CALIPER
1	To measure bone diameters
2	Measuring range: 0mm to 140mm
2	Leight weight and sturdy

22. ABDOMINAL CALIPER

ABDOMINAL CALIPER

S.I.No	ABDOMINAL CALIPER
	Description of Function
1	To measure the distance between the subject's back and the front of the subject's abdomen.
2	Holtain-Kahn Abdominal Caliper used to aid the prediction of cardiac risk by measuring sagittal abdominal diameter in supine subjects.
3	It makes a direct reading of the distance between the back and the front of the subject's abdomen.

23. HARPENDERS CALLIPERS(for skinfold thickness)

SKIN FOLD CALIPER (HARPENDER'S CALLIPER)

S.I.No SKIN FOLD CALIPER

- 1 Description of Function
 - 1.1 Used to measure thicknesses of skin plus subcutaneous fat.
- 2 Technical Specifications
 - 2.1 Measuring range: 0 mm to 48 mm.
 - 2.2 Pressure between Anvils (constant): 10 gms/sq. mm.
 - 2.3 Net weight: 0.4 kg (Approx.)
 - 2.4 Dial Graduation: 0.2 mm.
- 3 Standards, Safety and Training
 - 3.1 Should be FDA, CE, UL or BIS approved product

24. HEIGHT MEASURING STAND

- » Height Stand with Weighing Scale.
- » Telescopic.
- » Measuring Range: 60-200 cm.

25. GONIOMETER

S.I.No	GONIOMETER
1	Used to measure angular joint movement.
2	The 360° head should have three calibrated scales used with the ISOM (International Standards of Measurement) system.
3	Clear plastic / acrylic to permit observation of the joint's axis and range of motion.
4	Unit should be durable, unbreakable and of high quality.
5	BIS approved product or equivalent

26. NEONATOMETER

S.I.No	NEONATOMETER
1	Neonatometer of high accuracy, counter recording instrument
2	High accuracy, counter recording instrument designed for growth studies.
3	The ball-bearing mounted carriage should have an extremely free movement and to be operated via a constant pressure lever, which automatically locks the carriage at the correct measuring point. This mechanism to ensure reproducibility of measurement and to effectively eliminate variation due to varying operator techniques.
4	Neonatometer should be supplied as a set of two standard lengths: long, for normal neonates and short, which will fit in most incubators, for premature.
5	Measuring range: Long, 188 mm to 750 mm. Short, 180 mm to 600 mm.

27. MEASURING TABLE-INFANT

S.I.No	MEASURING TABLE - INFANT WITH ADJUSTABLE LEGS
1	Counter recording instrument is similar in construction to the Stadiometer.
2	It should have the same ease of movement, the same potential for speedy and error-free direct readings, to the nearest millimetre, over a range of 300 mm to 2100mm
3	This instrument construction similar to the supine measuring table, made of light alloy .
4	Counter recording, should have the same ease of movement, and the same potential for speedy and error-free readings.
5	It should give accurate and direct readings, to the nearest millimetre, over a range of 220 mm to 1150 mm.

28. MEASURING TABLE-HARPENDEN

S.I.No	MEASURING TABLE- Harpenden
1	Adult with adjustable legs - Harpenden
2	Counter recording instrument similar in construction to the Stadiometer.
3	It should have the same ease of movement, the same potential for speedy and error-free direct readings, to the nearest millimetre, over a range of 300 mm to 2100mm.
4	The main frame of the instrument should be rigidly made of light alloy.
5	Its sliding member to operate via ball-bearing rollers in order to ensure a movement which is free yet without cross-play.
6	All the metal parts of the "Harpenden" supine measuring table have a silver/grey hammer finish.

29. ORCHIDOMETER

S.I.No	PRADER ORCHIDOMETER
1.1	To measure the size of the testicles.
2	Operational Requirements
2.1	Testicular size should help distinguish between different types of precocious puberty.
3	Technical Specifications
3.1	This consists of a chain of 12 testis models having defined volumetric capacities, as follows:- 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 25ml.
3.2	Weight in case 0.25kg approx.

30. WHO Hb Colour Scales



The kit should contain the Scale, instructions and minimum 200 test strips along with matching quantity of lancets.

31. X ray View Box (3 X rays)

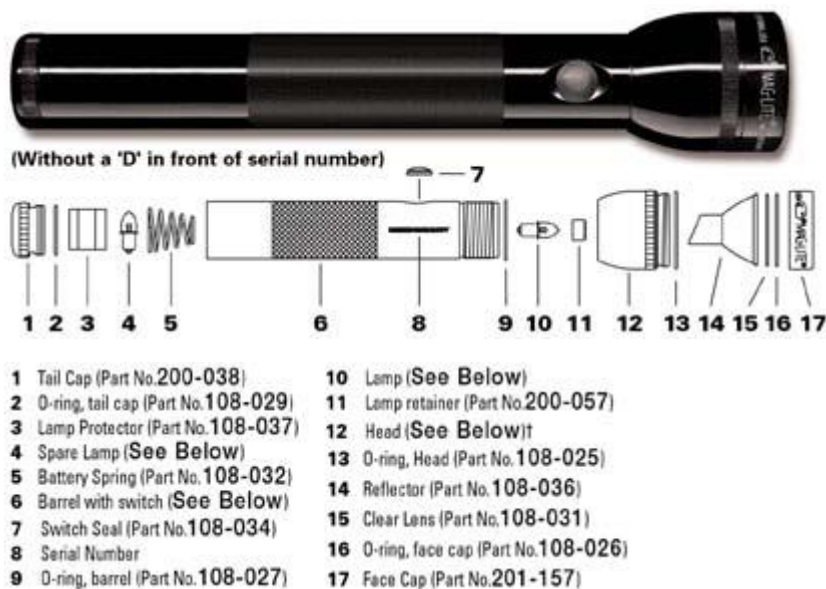
S.I.No	X-RAY VIEWING LOBBY
1	3 Panel Side by Side X-Ray View Box Illuminators; High quality with aesthetic finish.
2	Should have the following Standard Features:
3	1 foot fluorescent tube per panel
4	Roller gravity film holding system
5	Durable steel construction
6	Thin 3" profile
7	Chip resistant hospital white finish
8	Continuous bottom film ledge
9	Even view reflective system, with white acrylic translucent surface.
10	Centralized cluster On/Off switching
11	Optional Features:
12	FAS – Film Activated Switching
13	MS - Master Switch
14	HGP - Hospital Grade Plug Specs: Surface Wall Mount 4 Panel Side by Side 56" x 17" Viewing Area
15	Overall Dimensions approx: 56" (L) 21" (H) 3 3/8" (D) (approx.)
16	Illumination: 2000 cd/m2
17	It should be aesthetic and high quality
18	Power Supply
	Power input to be 220-240VAC, 50Hz

32. X RAY VIEW BOX (1Xrays)

Similar to sr.no 31 but with single panel to view X-ray.

33. TORCH (SMALL SIZE)

Maglite torches -7 inches



34. MONOFILAMENT (10g)

Used in testing sensations in neurological examination and also known as Semmes-Weinstein monofilament.

35. KNEE JERK HAMMER

KNEE JERK HAMMER

A. LONG HANDLE

B. SHORT HANDLE

Technical Specifications:

- Should be able to test deep tendon reflexes
- A rubber component should be attached to a flat metallic handle.
- It should have T-Shape, double point solid rubber with reflex point and brush
- Taylor (fish type) should be with brass nickel plated solid handle, with brush and pin er
- Cane type should be with rubber ring and plastic stem
- Rubber ring should be available in red or black colour

36. X RAY FILMS (set for medical and surgical conditions)conditions

e.g. Chest x-ray of Case of Pulmonary TB , Chronic bronchitis, Emphysema, Asbestosis, silicosis, Congestive cardiac failure, Asthma , Pneumonia, pleural effusion, pericardial effusion, Left ventricular hypertrophy, pneumothorax, lung cancer, aspergillosis, cervical rib, rickets, fracture ribs, diaphragmatic hernia etc.

37. TUBERCULIN SYRINGE

It is 1 cm steel 26 gauge intra dermal needle.

Used for BCG immunization, and skin test with PPD tuberculin.

38. **INSULIN SYRINGE**

39. **SHAKIR'S TAPE**

Used for malnutrition, with mark ups to differentiate various grades of malnutrition based on mid arm circumference.

40. **TUNING FORK (128/256 HZ)**

Technical Specifications

- Should be chrome plated with frequency marked
- Should have frequency sets of 128, & 512Hz

41. **COLOUR CODED BINS (Yellow/Black/Red/Blue)**

Yellow, red, black, blue for waste management practices. 2 sizes each: 40 l and 120 l

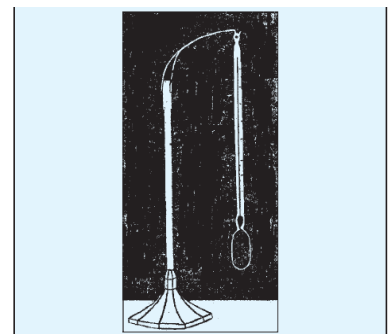
42. **SPRING BALANCE (To Measure Waste)**

A **spring balance** apparatus is simply a spring fixed at one end with a hook to attach an object at the other

43. **KATA THERMOMETER**

Kata thermometer is an alcohol thermometer with a glass bulb 4 cm long and 1.8 cm in diameter. The bulbs are silvered to reduce the errors due to radiation. These thermometers are available to cover the following cooling ranges:

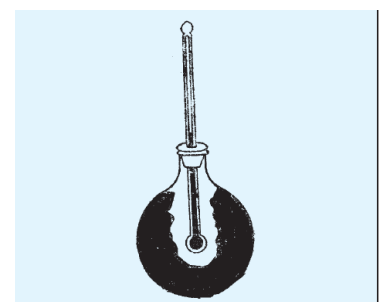
- Standard Kata (Red coloured alcohol) with a cooling range between 100°F to 95°F.
- High temperature Kata (Dark Blue coloured alcohol) with a cooling range between 130°F to 125°F.
- Extra High temperature Kata (Magenta coloured alcohol) with a cooling range between 150°F to 145°F.



Each Kata thermometer has a given kata factor determined by the manufacturers and is provided with standard charts with instructions for use. Two thermometers are used to record air movement, the bulb of one is covered with a wet muslin cloth, called as the wet kata and the other is the dry kata.

44. **BLACK GLOBE THERMOMETER**

The Black Globe thermometer measures the radiant heat directly. It comprises of a hollow copper globe of about 15 cms diameter, with an opening at a side. Through this opening is inserted a calibrated mercury thermometer such that its bulb is placed in the centre of the globe. The globe is



painted with matt-black paint and the equipment is suspended outside on a stand. The matt-black paint absorbs radiant heat from the surrounding objects.

45. **INSECTICIDE TREATED MOSQUITO NETS**

Average area of a single net is 10 sq m. A Long lasting insecticide net is a treated net which can withstand insecticidal efficacy up to at least 20 washes with more than 80% mortality after 24 hrs (95% KD after 60 min)

Permethrin impregnated (500 mg a.i./m² net) Polyethylene net or a regular polyester net treated with 55 mg a.i./ m² Deltamethrin.

46. **TDS METER:**

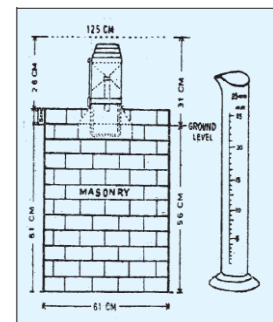
Electronic device that may have following features

- i. Hold Function: saves measurements for convenient reading and recording.
- ii. Auto-off function: the meter shuts off automatically after 10 minutes of non-use to conserve batteries.
- iii. Measurement Range: 0-9990 ppm. From 0-999 ppm, the resolution is in increments of 1ppm. From 1000 to 9990 ppm, the resolution is in increments of 10ppm, indicated by a blinking 'x10' image.

47. **RAIN GAUGE**

The rain-gauge consists of a funnel for collecting rainfall, a receiving vessel and a measuring glass

The funnel is made of copper and is cylindrical in its upper part with a diameter of 20.3 cm. The receiving vessel is a small copper can, which fits inside an outer casing. The measuring glass is calibrated and specific to a particular rain-gauge.



48. **Day Light factor equipment / Lux Meter**

A lux meter is a device for measuring brightness, specifically, the intensity with which the brightness appears to the human eye. This is different than measurements of the actual light energy produced by or reflected from an object or light source. The lux is a unit of measurement of brightness, or more accurately, illuminance. It ultimately derives from the candela, the standard unit of measurement for the power of light. A candela is a fixed amount, roughly equivalent to the brightness of one candle.

While the candela is a unit of energy, it has an equivalent unit known as the *lumen*, which measures the same light in terms of its perception by the human eye. One lumen is equivalent to the light produced in one direction from a light source rated at one candela. The lux takes into account the surface area over which this light is spread, which affects how bright it appears. One lux equals one lumen of light spread across a surface one square meter.

A lux meter works by using a photo cell to capture light. The meter then converts this light to an electrical current, and measuring this current allows the device to calculate the lux value of the light it captured.

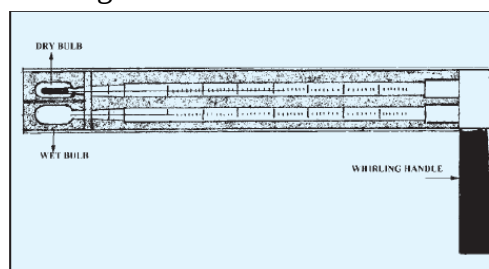


Digital Lux Meter

RANGE	0 to 50000 Lux in 3 ranges of 0 to 2000, 0 to 20000 and 0 to 50000 Lux. Range selection is provided with front panel control.
ACCURACY	$\pm 5\% \pm 2$ least counts.
RESOLUTION	1 in the range of 0 to 2000 Lux. 10 in the range of 0 to 20000 Lux. 100 in the range of 0 to 50000 Lux.
DATA HOLD	Data hold facility is provided.
DISPLAY	3½ Digit, 7 segment LCD type of 12.5mm height. X10, X100, data hold and low battery indications are provided
SENSOR	Separately attached light sensor allows user to take measurements at an optimum position.
POWER REQUIREMENTS	9 volts battery.
SIZE & WEIGHT	23 mm (H) X 73 mm (W) X 108 mm (L). 160 gms
STANDARD ACCESSORIES	Battery, instruction manual and carrying case.

49. SLING PSYCHROMETER

This instrument has a dry and a wet bulb thermometer mounted side by side on a metal strip, which is fixed on a wooden frame. The frame has a handle on a side, which acts as a pivot on which the wooden frame can be rotated. The wet bulb thermometer is kept wet by a piece of wick which soaks water from a small cylindrical water container. The instrument, once ready, is whirled standing with the back to the sun at the rate of 4 rotations per second. The readings on the thermometer show a dip due to evaporation of water brought about by the air movement created due to the rotation. Successive readings are noted on the wet bulb thermometer till they do not show any further change i.e. two successive readings on the wet bulb thermometer are the same and this reading is recorded. The reading on the dry bulb thermometer is also recorded at this point of time. The two thermometer readings are used to determine the relative humidity of the air using suitable tables and charts.



50. COMMUNICABLE DISEASE SLIDES

Full set e.g. Mycobacterium TB, Mycobacterium Leprae, Microfilaria, Staph. Aureus, streptococcus Pyogenes, clostridium tetani, Malaria parasite (vivax, falciparum- various stages), Corynebacterium diphtheria, Pertussis etc.

51. **VECTOR SLIDES (Full Set)**

Mosquitoes (anopheles, aedes, culex, mansonias- adult females, mouth parts, eggs, larvae, pupa), Housefly, Ticks (hard and soft), Mites (trombiculid, scabies), sand-fly, flea, louse, Cyclops etc.

52. **OUTBREAK INVESTIGATION KIT.**

In the items mentioned below, omit those that are already tendered in the document and also the laptop computer.

Generic Outbreak Investigation Kit	
Disposable storage vials (5ml & 10 ml)	Rubber bands
Disposable sample collection vials	Ziploc plastic bags
Vacuutainer (plain and EDTA)	Absorbent material (tissue paper, cotton wool, newspaper)
Cryovials	Filter paper
Syringes and needles disposable (5ml & 10 ml)	Vaccine carrier with ice - packs
Tuberculin syringes and needles	Dry ice packs
Lancets	Glass marking pen
Slides, cover slips and slide holding box	Specimen labels
Tourniquet	Adhesive tape
Gloves	Scissors
Masks (triple layer surgical mask)	Scalpel/ blade
Disposable caps	Spatula
Goggles	Forceps
Disposable gowns	Loop holder
Swabs & gauze pads	Parafilm (small rolls)
Povidone iodine 10%	Leak proof screw capped containers
Isopropyl alcohol 70%	Pasteur pipettes/ pipettes and pipette aids (rubber teats)
Band - aid	Sodium hypochlorite concentrate (4%)
Spirit lamp/ gas lighter	Hand disinfectant
Match - box	Stationary (writing pads, pens, pencils, erasers, sharpeners etc.)
Test tube rack	Calculator
Centrifuge tubes	Torch with spare batteries/ rechargeable batteries
Puncture proof discarding bags (disposable)	OT test kit
Thermometers	Water sampling kits
Tongue depressors (disposable)	Distilled water (100ml)
CSF collection kit	Normal saline in dropper bottle
Stool culture bottle	Magnifying glass
Throat swabs	Patient register book
Blood culture bottles	Laboratory request forms
Viral transport medium (VTM)	Epidemiological survey formats
Cary Blair medium/ Stuart's transport medium	Epidemiological reporting formats
Rapid diagnostic kits (e.g. H2S method kit for water testing, latex agglutination for meningitis, card test for dengue etc.) wherever possible	Outbreak investigation guide/ module
Sharps disposal boxes	Laptop Computer with case
Selected Entomological & Vector Dissection Equipment	
Aspirator and flashlight for indoor/ outdoor mosquito collection	WHO susceptibility kit for adult & larvae with reagents
Kit for outdoor mosquito collection	Bioassay kit
Ladle bottles for keeping larvae, strainer, dropper, trays and funnel net for wells	Charts/ synoptic keys for identification of vectors
White bed sheet to spread on floor	Pyrethrum spray with flit gun
Dissecting microscope	Staining equipment & material
Dissection needle	Filter paper
Petridishes	Mosquito net
Slides, coverslips	Physiological saline

53. **STANDARD LARVAL LADLE**

Used in entomological surveys.

54. **DIGITAL WEIGHING MACHINE (adult)**

1. Should have the capacity of 160 kg or more
2. Accuracy should be 100 g.
3. Platform size should be around 350 x 350 mm (Tolerance +/-10%)
4. Display should be LCD with four digits.
5. Size of display should be of minimum height 24 mm for clear visibility.
6. Should be made up of sturdy mechanical structure to support/ to withstand heavy work load in public health center.
7. The Scale should operate on dry cell batteries and the batteries should sustain up to minimum of six months. The inbuilt batteries should be supplied with the scale.
6. The reading should get locked automatically at stable weight and there should be an indication of Stable weight.
8. The scale should have facility for kg/lb conversion and there should be indication for kg/lb.
9. It should have Battery low indication.
10. The scale should have AUTO-OFF feature for reducing the power consumption and to extend battery back-up period.
10. The scale should have ISI mark.
11. Should have model approval from Legal Metrology Dept., Govt. of India.
12. Manufacturer should be ISO certified

55. **FOOD WEIGHING SCALE, CAPACITY 2 KG**

A base plate on which the weighing balance is mounted
A balance pan with minimum dimension of 30 cm length and 20 cm width
An LED display screen for display of parameters
Range of measurement from 10gram to 2000 gram
Sensitivity of measurement is 1 gram

56. **ISHIHARA CHARTS**

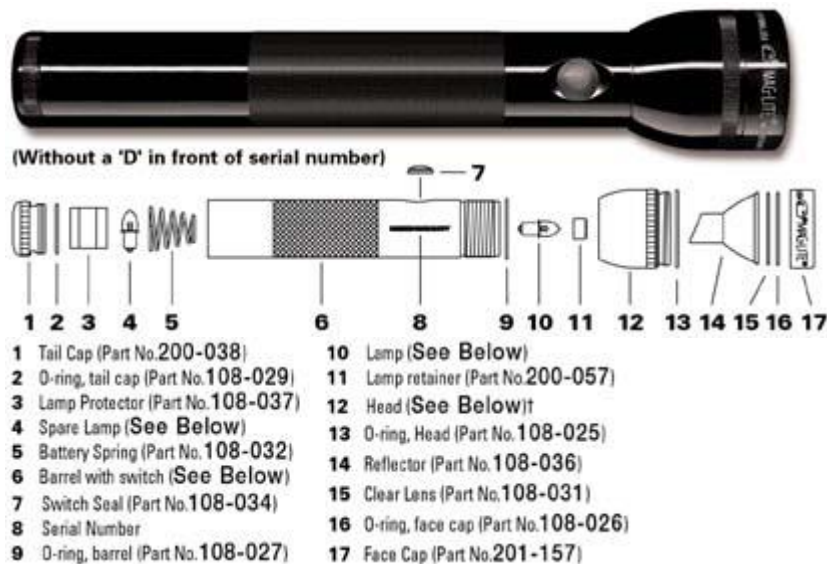
For testing colour vision. it has 38 plates.

57. **GLUCOMETER**

Preferably Developed by Roche diagnostics. Fast and accurate hand-held meter, upto500 memory readings, accompanied by few sample lancet for finger pricking and sample test strips.

58. TORCH (Big size)

Maglite torches -12 inches



59. PEAK FLOW METER

With precoded colour zones as per American lung association



60. OPHTHALMOSCOPE

1. Illumination: 3.5V, 2.8W Mini Halogen Bulb
2. Recharging unit:
3. Input Voltage: 220V $\pm$ 10%V
4. Input Frequency should be 50 Hz $\pm$ 1Hz
5. Input Power should be around 8VA
6. Battery should be rechargeable
7. Viewing Lenses: 0, $\pm$ 1, $\pm$ 2, $\pm$ 3, $\pm$ 4, $\pm$ 5, $\pm$ 6, $\pm$ 8, $\pm$ 10, $\pm$ 12, $\pm$ 16, $\pm$ 20, -25, -35
8. Apertures: Large Spot, Small Spot, Slit, Central Network, and Red-free
9. Instrument should comply with Medical Electrical Equipment Part I General Safety Standard. Class Two, Type B.
10. Manufacturer should be ISO certified for quality standards.

61. SAHLIS HEMOGLOBINOMETER

SAHLI (SAHLI- ADAMS) HAEMOGLOBINOMETER OR HAEMOMETER

- Should be able to determine the haemoglobin in the blood by diluting an acidified sample and comparing it with a coloured standard.
- Should have permanent non-fading colour standards made with optical precision for accurate and exact matching of colour.

Technical Specifications

- Measuring range should be 40-360 g/litre.
- It should measure optical density of a solution with precision not worse than 1 %.
- The total error of definition of concentration of a haemoglobin (in view of an error of a method, and also errors of dosing of a blood and solutions), obtained at comparative medical tests, should not exceed 2 %.
- The volume of liquid for photometry should be not less than 1 ml.
- Optical length of a cuvette or cylindrical test tube should be 10 ± 0.1 mm.

System Configuration Accessories, spares and consumables

- Graduated dilution tube
- Dropping pipette
- Haemoglobin pipette
- Brush
- Glass rod
- Stirrer
- Amber coloured acid vial
- Pasteur pipette etc
- Blood pipette
- Suction tube

62. **Personal Protective Equipment [kit](Gloves, Goggles, Hard Hats, Face Shields, and Ear Muffs)**

Each PPE kit may contain

- a) gloves: heavy duty gloves of size 6 and 7**
- b) goggles: shaded goggles to protect against welding**

They are intended to protect the eyes not only from the heat and optical radiation produced by the welding, such as the intense [ultraviolet](#) light produced by an electric arc, but also from sparks or debris



welding goggles

c) Hard Hats

A **hard hat** is a type of [helmet](#) predominantly used in workplace environments such as industrial or [construction](#) sites to protect the [head](#) from injury due to falling objects, impact with other objects, debris, rain, and electric shock. Suspension bands inside the helmet spreads the helmet's weight and the force of any impact over the top of the head. A suspension also provides space of approximately 30 mm (1.2 inch) between the helmet's shell and the wearer's head, so that if an object strikes the shell, the impact is less likely to be transmitted directly to the skull. Some helmet shells have a mid-line reinforcement ridge to improve impact resistance.



specifications

- ANSI Type II / CSA Type 2 hard hats meet both vertical and lateral impact and penetration requirements and have a foam inner liner made of [expanded polystyrene](#) (EPS). and
- Class G (General) provides dielectric protection up to 2,200 volts.

d) Face Shields: Face shield, a protective device commonly intended to shield the wearer's face, in addition to the eyes, from certain hazards.

specifications:

Mark Z87+: High impact: Faceshields shall be capable of resisting impact from a 6.35 mm (0.25 in) diameter steel ball traveling at a velocity of 91.4 m/s (300 ft/s).

or

[EN 166](#) (European Standard)

These are for protection against high-speed particles, and must withstand the impact of a 6 mm nominal diameter steel ball, striking the oculars and the lateral protection at the speed stated.

- Mark B: 120 m/s.

image for illustration only



e) Ear Muffs

Acoustic earmuffs, also known as **ear defenders**: cups lined with sound-deadening material, like thermal earmuffs and [headphones](#) in appearance, which are worn as hearing protection.



63. NEAR VISION CHARTS [SET]

Set of Reading charts with 90 degree turns, Landolt Ring or Broken Ring , tumbling E reading charts, pocket vision cards, double sided reading charts, reading chart flip cards etc.



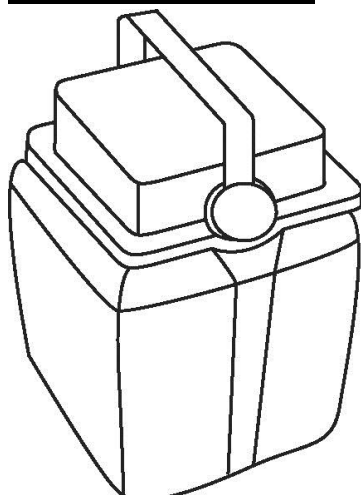
64. AUTO DISABLE SYRINGE.

AD syringes are self-locking syringes that can be used only once.

Most AD syringes have fixed needles. Others have detachable needles that fit only the specific AD syringe they accompany. These needles cannot be used with a standard syringe

All AD syringes have plastic caps to keep the needle sterile, and some also have caps on the plungers.

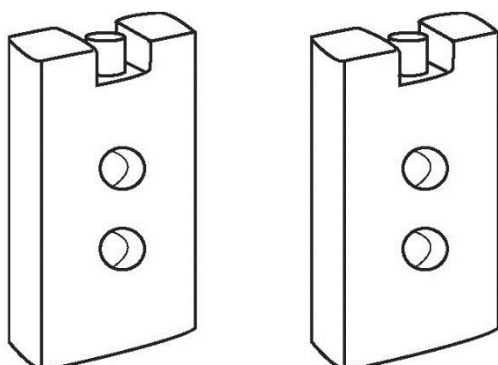
65. **VACCINE CARRIER**



1. It is a part of cold chain system which is used to carry 16-20 vials of vaccines from PHC to the site of vaccination/out reach session.
2. It is a square, fiber plastic box having a detachable lid with plastic handle.
3. The box contains four ice packs.

66. **ICE PACKS**

Ice-packs are flat, square plastic bottles that are filled with water and frozen. Ice-packs are used to keep vaccines cool inside the vaccine carrier or cold box.



67. **COLD BOX**

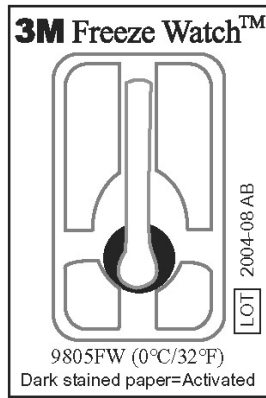
A cold box is an insulated container that can be lined with ice-packs to keep vaccines and diluents cold during transportation and/or short period storage (from two to seven days). Cold boxes are used to collect and transport monthly vaccine supplies from district stores to the health facility. They are also used to store vaccines when the refrigerator is out of order or being defrosted and for outreach and mobile sessions in addition to vaccine carriers.

68. **FREEZE TAG / FREEZE WATCH**

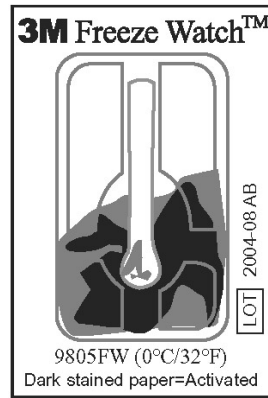
A freeze indicator is an irreversible temperature indicator which shows if a product, such as vaccine, has been exposed to freezing temperatures in blue. It consists of a white backing card and a small vial of coloured liquid, all contained in a plastic casing.

If the freeze indicator(Freeze WatchTM) is exposed to temperatures below 0°C for more than one hour, the vial bursts and releases the coloured liquid, staining the white backing card.

ure 3L: Freeze Watch™ (PIS code E6/45)



Not activated



Activated

FREEZE TAG

Some programmes are using another type of freeze indicator called the Freeze-tag™. It consists of an electronic temperature measuring circuit with associated LCD-display. If the indicator is exposed to a temperature below $0^{\circ}\text{C} \pm 0.3^{\circ}\text{C}$ for more than 60 minutes ± 3 minutes the display will change from the “good” status into the “alarm” status as indicated on the picture below. The indicator is used to warn of freezing and is packed with DTP, TT and DT vaccines as well as with hepatitis BB. Shelf life is 5 years.



Vaccines OK



Do shake test

69. No scalpel vasectomy instruments

Each of this set should contain

- a. The extracutaneous ringed forceps: ring sizes: 3.0 mm
- b. The extracutaneous ringed forceps: ring sizes: 3.5 mm
- c. The extracutaneous ringed forceps: ring sizes: 4.0 mm
- d. The Dissecting forcep:
- e. Straight Scissors:

FIGURE 1. Ringed clamp

Inside dimensions of clamp:
3.0 mm, 3.5 mm, or 4.0 mm

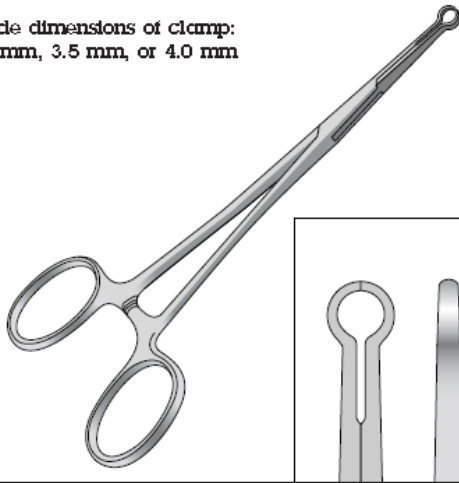
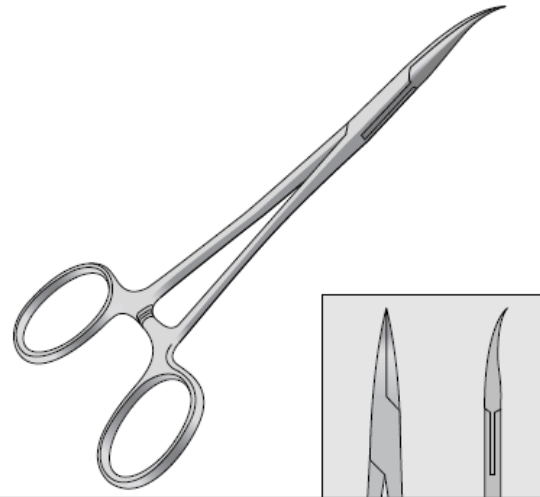


FIGURE 2. Dissecting forceps



70. Needle Destroyer (image for illustration only)



71. Needle Cutter



INVITING OF SEALED TENDER(S) FOR SUPPLY OF EQUIPMENT FOR DEPT. OF
CM & FM AT AIIMS, BHUBANESWAR

TECHNICAL BID

Sl no.	Details / Particulars	Submitted (Yes/No)	Page No
A	Name of Firm/Contractor/Supplier (enclose Authorisation of manufacturer, whichever necessary)		
B	Complete Address & Telephone No.		
C	Name of Proprietor/Partner/Managing Director/ Director.		
D	Phone & Mobile No.		
E	Name and address of service centre nearby Bhubaneswar.		
F	Whether the firm is a registered firm Yes/No (attached copy of certificate)		
G	Please Provide copy of last 3 year IT Return.		
H	PAN No. (enclose the attested copy of PAN Card)		
I	Service Tax No. (enclose the attested copy of Service Tax Certificate)		
J	VAT No. (Enclose the attested copy of VAT Certificate)		
K	Whether the firm has enclosed the DD/Bank Guarantee of Rs.25,000/- as Earnest Money Deposit.(pls. mention in details) Rs 2,000/- as Tender Fees,(Please mention in detail)		
L	Whether the Firm/Agency has signed each and every page of Tender/NIT		
M	Please submit details of case with the police / Court of law against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner. Also submit that proprietor/firm has never been black listed by any organization. Also furnish detail of arbitration cases if any.		
N	Have you previously supplied these items to any government/ private organization? If yes, attach the relevant poof. <i>(Also provide an affidavit that you have not quoted the price higher than previously supplied any government institute)</i>		
O	Any other information, if necessary		

Note:

- The tenderer should furnish specific answers to all the questions/issues mentioned in the Annexure – II with Page number/serial number may be given to each and every page of Tender Documents and photocopies of the attested documents attached. Mention Page number, wherever the copy(ies) of the document(s) is kept. In case a question/issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.
- In case of non – fulfilment of any of the above information/document(s), the Tender will be summarily rejected without giving any notice.

Financial Bid**(To be submitted under the letterhead of the company / firm)**

Sl. No	Name of Item	Rate	Vat/Taxes etc	Total Amount (Per Unit) (Including All Taxes)
1	Filter, Pasteur chamberland, complete set			
2	Filter, Berke Field			
3	Hydrometres, Spirit			
4	Hydrometres, milk			
5	Digital Thermometer			
6	Mercury Thermometer			
7	Dial Thermometer			
8	Magnifying glass			
9	Fly Trap			
10	Rat Trap (Sherman type and Cage Trap)			
11	Hand sprayer			
12	Knapsack Sprayer			
13	Compression Pneumatic Sprayer			
14	Power Operated sprayer			
15	Insecticidal Fog generator			
16	Aerosol Dispenser			
17	Dust Gun			
18	Hand carried Thermal fogger (Pulse jet and Friction Plate)			
19	Hand carried Cold fogger			
20	Flit gun			
21	Bicondylar caliper			
22	Abdominal caliper			
23	Harpenders Callipers (for skinfold thickness)			
24	Height measuring stand			
25	Goniometer			
26	Neonatometer			
27	Measuring table-Infant			
28	Measuring table-Harpenden			
29	Orchidometer			
30	WHO Hb Colour Scales			
31	X ray View Box (3 X rays)			
32	X ray View Box (1Xrays)			
33	torch (Small size)			
34	Monofilament (10g)			
35	Knee jerk Hammer			
36	X ray Films (CxR of TB, Pneumonia, COPD, Asbestosis, Silicosis, CCF)			
37	Tuberculin Syringe			
38	Insulin Syringe			

Sl. No	Name of Item	Rate	Vat/Taxes etc	Total Amount (Per Unit) (Including All Taxes)
39	Shakirs Tape			
40	Tuning fork (128/256 Hz)			
41	Colour Coded Bins (Yellow/Black/Red/Blue)			
42	Spring Balance (To Measure Waste)			
43	Kata thermometer			
44	Black Globe Thermometer			
45	Insecticide treated Mosquito nets			
46	TDS Meter			
47	Rain guage			
48	Day Light factor equipment			
49	Sling Psychrometer			
50	Communicable disease slides			
51	Vector slides (Full Set)			
52	Outbreak Investigation Kit			
53	Standard Larval Ladle			
54	Digital Weighing machine (adult)			
55	Food weighing scale, capacity 2 Kg			
56	Ishihara Charts			
57	Glucometer			
58	Torch (Big size)			
59	Peak Flow Meter			
60	Ophthalmoscope			
61	SahlisHemoglobinometer			
62	Personal Protective Equipment (Gloves, Goggles, Hard Hats, Face Shields, and Ear Muffs)			
63	Near Vision Charts			
64	Auto Disable syringe			
65	Vaccine carrier			
66	Ice packs			
67	Cold box			
68	Freeze Tag / Freeze watch			
69	No scalpel vasectomy instruments			
70	Needle Destroyer			
71	Needle Cutter			

1. I/We have gone through the terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

Signature of the Tenderer with seal.

Date

Telephone No.