

REGIONAL CANCER CENTRE
MEDICAL COLLEGE CAMPUS
TRIVANDRUM.695011
KERALA STATE
Ph.0471 2442541 Fax.0471 2447454

TENDER NO.5/RCC/09:10

Competitive tenders in separate sealed covers superscribed with the name and number of tender are invited in two-bid system for the supply and installation of one Computerized Radiography system in RCC. The tender forms with detailed specifications and terms and conditions may be had from the Purchase division of RCC on payment of cost.

Due date and time for receipt of tenders : 22.2.2010 1 PM
Due date and time for opening of tenders : 22.2.2010 2 PM
Cost of tender form (original) : Rs.4,163 including tax
Cost of tender form (duplicate copy if required) : Rs. 2,138 including tax

Application for tender form should be accompanied by DD/cash/money order remittance of Rs.3,700 plus 12.5% tax (Rs.4,163) which is the price fixed for the original form/set of forms and is not refundable under any circumstances. Tender form is not transferable.

The tender documents should contain two parts namely **Technical bid** and **Financial bid**. The technical bid should contain

- a) Prescribed tender form duly signed and sealed
- b) Detailed technical specifications
- c) Original brochure & literature supporting the technical specification.
- d) Earnest Money Deposit of Rs.25,000
- e) Agreement in Rs.50 stamp paper
- f) List of installations in India
- g) Details of service facility
- h) Compliance to payment condition
- i) Delivery period
- j) Place of delivery
- k) Warranty
- l) Training details etc

The Financial bid should contain

- a) Price of the equipment and its accessories
- b) AMC details
- c) Price list of essential spare parts
- d) Compliance to penalty conditions etc

The tenders duly filled and signed by the tenderer along with necessary documents should be submitted to the Director, Regional Cancer Centre, Trivandrum on or before 1 PM on 22.2.2010. Specimen of the agreement to be submitted in stamp paper is in the last page of the tender form. Earnest Money Deposit (EMD) amount of Rs. 25,000 shall be submitted by way of demand draft, deposit receipt or bank guarantee in favour of Director, Regional Cancer Center, Trivandrum. In the case of bank guarantee, its validity should be up to 31/3/2011.

The technical bids will be opened at 2 PM on 22.2.2010 at RCC main conference hall in the presence of such tenderers or their authorized representatives who may be present at that time. The financial bids of technically qualified firms will be opened at a later stage and the date will be intimated. The Director of Regional Cancer Centre, Trivandrum reserves the right to accept or reject all or any tender at his sole discretion without assigning any reason. For legal purposes, the cause of action will be deemed to have arisen in Trivandrum, Kerala state.

TERMS AND CONDITIONS

1. The latest model shall be quoted and certified.
2. The quoted price should include cost of the equipment, freight, insurance, installation and commissioning.
3. Payment condition: (a) If the price is quoted in Indian rupees, 100% payment will be released after successful commissioning & acceptance by the end user. (b) If the price is quoted in foreign currency, letter of credit will be opened for 100% CIF value on a deferred payment system as noted below.
 - 75% of the CIF value (total value) will be released on presentation of dispatch documents through bank and balance 25% after successful commissioning and acceptance by the end user.
4. Delivery Place:- (a) If the product is indigenous and supply is from within the country, the equipment shall be delivered to the Imageology dept of RCC. If entry tax is leviable by the State Government, that will be paid by RCC. (b) If the product is imported and supply from abroad, the equipment shall be airlifted to Trivandrum airport. If so, the customs clearance from Trivandrum customs will be done by RCC by paying customs duty and clearance charges.
5. The installation should be done by the supplier free of cost.

6. Delivery period:- The equipment and its accessories should be completely supplied, installed and commissioned to satisfaction by RCC within 4 months from the date of supply order or date of L/C whichever is later. If it is delayed, RCC will charge a penalty of Rs. 3,000 per day for the first 30 days and thereafter Rs.4,000 per day.
7. Warranty:- The entire equipment and its accessories should have comprehensive warranty of three years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.
8. The rates and terms of AMC (both comprehensive and labour) for a minimum period of 7 years after the warranty period shall be clearly specified. The labour AMC amount will be taken in to consideration for final selection.
9. Penalty clause: - During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more. There will be a penalty at the rate of Rs.3,000 per day for every day falling short of 95% uptime guarantee. If the machine lies non functional for a period of more than one week continuously, the same penalty will be imposed even if 95% uptime clause is met with. The uptime guarantee will be calculated at the rate of 24 hours a day and 7 days a week.
10. Training:-In order to fully and optimally utilize the equipments, free on site training should be given to the hospital staff free of cost.
11. List of installations in India over past 3 years shall be provided.
12. Number of trained engineers available in Kerala and nearest service Station shall be mentioned.
13. The specification of the equipment is given below.

Trivandrum
12th January 2010

Sd/-
D I R E C T O R

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TENDER NO.6/RCC/09:10

Competitive tenders in separate sealed covers superscribed with the name and number of tender are invited in two-bid system for the supply and installation of one Video Endoscopy system in RCC. The tender forms with detailed specifications and terms and conditions may be had from the Purchase division of RCC on payment of cost.

Due date and time for receipt of tenders : 23.2.2010 1 PM
Due date and time for opening of tenders : 23.2.2010 2 PM
Cost of tender form (original) : Rs.2,700 including tax
Cost of tender form (duplicate copy if required) : Rs. 1,350 including tax

Application for tender form should be accompanied by DD/cash/money order remittance of Rs.2,400 plus 12.5% tax (Rs.2,700) which is the price fixed for the original form/set of forms and is not refundable under any circumstances. Tender form is not transferable.

The tender documents should contain two parts namely **Technical bid** and **Financial bid**. The technical bid should contain

- a) Prescribed tender form duly signed and sealed
- b) Detailed technical specifications
- c) Original brochure & literature supporting the technical specification.
- d) Earnest Money Deposit of Rs.16,000
- e) Agreement in Rs.50 stamp paper
- f) List of installations in India
- g) Details of service facility
- h) Compliance to payment condition
- i) Delivery period
- j) Place of delivery
- k) Warranty
- l) Training details etc

The Financial bid should contain

- a) Price of the equipment and its accessories
- b) AMC details
- c) Price list of essential spare parts
- d) Compliance to penalty conditions etc

The tenders duly filled and signed by the tenderer along with necessary documents should be submitted to the Director, Regional Cancer Centre, Trivandrum on or before 1 PM on 23.2.2010. Specimen of the agreement to be submitted in stamp paper is in the last page of the tender form. Earnest Money Deposit (EMD) amount of Rs. 16,000 shall be submitted by way of demand draft, deposit receipt or bank guarantee in favour of Director, Regional Cancer Center, Trivandrum. In the case of bank guarantee, its validity should be up to 31/3/2011.

The technical bids will be opened at 2 PM on 23.2.2010 at RCC main conference hall in the presence of such tenderers or their authorized representatives who may be present at that time. The financial bids of technically qualified firms will be opened at a later stage and the date will be intimated. The Director of Regional Cancer Centre, Trivandrum reserves the right to accept or reject all or any tender at his sole discretion without assigning any reason. For legal purposes, the cause of action will be deemed to have arisen in Trivandrum, Kerala state.

TERMS AND CONDITIONS

1. The latest model shall be quoted and certified.
2. The quoted price should include cost of the equipment, freight, insurance installation and commissioning.
3. Payment condition: (a) If the price is quoted in Indian rupees, 100% payment will be released after successful commissioning & acceptance by the end user. (b) If the price is quoted in foreign currency, letter of credit will be opened for 100% CIF value on a deferred payment system as noted below.
 - 75% of the CIF value (total value) will be released on presentation of dispatch documents through bank and balance 25% after successful commissioning and acceptance by the end user.
4. Delivery Place:- (a) If the product is indigenous and supply is from within the country, the equipment shall be delivered to the Endoscopy dept of RCC. If entry tax is leviable by the State Government, that will be paid by RCC. (b) If the product is imported and supply from abroad, the equipment shall be airlifted to Trivandrum airport. If so, the customs clearance from Trivandrum customs will be done by RCC by paying customs duty and clearance charges.
5. The installation should be done by the supplier free of cost.
6. Delivery period:- The equipment and its accessories should be completely supplied, installed and commissioned to satisfaction by RCC within 75 days from the date of supply order or date of L/C whichever is

later. If it is delayed, RCC will charge a penalty of Rs. 2,000 per day for the first 30 days and thereafter Rs.3,000 per day.

7.Warranty:- The entire equipment and its accessories should have comprehensive warranty of three years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.

8.The rates and terms of AMC (both comprehensive and labour) for a minimum period of 7 years after the warranty period shall be clearly specified. The labour AMC amount will be taken in to consideration for final selection.

9.Penalty clause: - During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more. There will be a penalty at the rate of Rs.2,000 per day for every day falling short of 95% uptime guarantee. If the machine lies non functional for a period of more than one week continuously, the same penalty will be imposed even if 95% uptime clause is met with. The uptime guarantee will be calculated at the rate of 24 hours a day and 7 days a week.

10.Training:-In order to fully and optimally utilize the equipments, free on site training should be given to the hospital staff free of cost.

11.List of installations in India over past 3 years shall be provided.

12.Number of trained engineers available in Kerala and nearest service Station shall be mentioned.

13.The specification of the equipment is given below.

Item No.1 - Video Processor and light source 1 No

- Video signal output – RGB, Y/C, BNC, XGA, DVI, S-video
- Built in memory for patient data storage
- Control panel should be illuminated and easy to use with separate controls for light and air pump
- Should have image magnification/zoom function
- Should have separate controls for light and air pump
- Should have lamp cooling system
- Power supply: 200-240 volts and 50 hz
- 150 w xenon light source with halogen lamp back up
- should have automatic and manual illumination and colour adjustments
- should be compatible with items 11,111,IV,V below

Item No.11 - Monitor

1 No

- Digital LCD 19", flat screen with DVI,RGB,S video, BNC inputs

Item No.111 - Gastroscope

1 No

- Field of view 140 degree or more
- Depth of field 3-100 mm
- Up down 210/90 degree
- Right/left 100/100 degree
- Insertion tube diameter 9-9.8mm
- Instrument channel 2.8mm
- Working length 1025 mm

Item No.IV - Colonoscope

1 No

- Field of view 140 degree
- Depth of field 3-100 mm
- Up down 180 - 180 degree
- Right left 160 - 160 degree
- Insertion tube diameter <13.5 mm
- Instrument working channel > 3.5 mm
- Working length >1600 mm

Item No.V - Bronchoscope

1 No

- Field of view 120 degree
- Depth of field 3-100 mm
- Tip deflection up down = 180/130 degree
- Insertion tube diameter <5 mm
- Instrument channel >2 mm
- Working length 600 mm

Other requirements

- Standard biopsy forceps 6 each for item 111, IV and V
- Foreign body handling forceps 3 each for item 111, IV and V
- Dormia basket 3 nos
- Channel cleaning brush 3 each for 111, IV and V
- Injection forceps 3 nos
- Compact trolley manufactured by the company

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TENDER NO.7/RCC/09:10

Competitive tenders in separate sealed covers superscribed with the name and number of tender are invited in two-bid system for the supply and installation of one Hybrid Capture 11 unit for HPV DNA test in RCC. The tender forms with detailed specifications and terms and conditions may be had from the Purchase division of RCC on payment of cost.

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|--|---------------------------|
| Due date and time for receipt of tenders | : 24.2.2010 1 PM |
| Due date and time for opening of tenders | : 24.2.2010 2 PM |
| Cost of tender form (original) | : Rs.2,363 including tax |
| Cost of tender form (duplicate copy if required) | : Rs. 1,181 including tax |

Application for tender form should be accompanied by DD/cash/money order remittance of Rs.2,100 plus 12.5% tax (Rs.2,363) which is the price fixed for the original form/set of forms and is not refundable under any circumstances. Tender form is not transferable.

The tender documents should contain two parts namely **Technical bid** and **Financial bid**. The technical bid should contain

- a) Prescribed tender form duly signed and sealed
- b) Detailed technical specifications
- c) Original brochure & literature supporting the technical specification.
- d) Earnest Money Deposit of Rs.14,000
- e) Agreement in Rs.50 stamp paper
- f) List of installations in India
- g) Details of service facility
- h) Compliance to payment condition
- i) Delivery period
- j) Place of delivery
- k) Warranty
- l) Training details etc

The Financial bid should contain

- a) Price of the equipment and its accessories
- b) AMC details
- e) Price list of essential spare parts
- f) Compliance to penalty conditions etc

The tenders duly filled and signed by the tenderer along with necessary documents should be submitted to the Director, Regional Cancer Centre, Trivandrum on or before 1 PM on 24.2.2010. Specimen of the agreement to be submitted in stamp paper is in the last page of the tender form. Earnest Money Deposit (EMD) amount of Rs. 14,000 shall be submitted by way of demand draft, deposit receipt or bank guarantee in favour of Director, Regional Cancer Center, Trivandrum. In the case of bank guarantee, its validity should be up to 31/3/2011.

The technical bids will be opened at 2 PM on 24.2.2010 at RCC main conference hall in the presence of such tenderers or their authorized representatives who may be present at that time. The financial bids of technically qualified firms will be opened at a later stage and the date will be intimated. The Director of Regional Cancer Centre, Trivandrum reserves the right to accept or reject all or any tender at his sole discretion without assigning any reason. For legal purposes, the cause of action will be deemed to have arisen in Trivandrum, Kerala state.

TERMS AND CONDITIONS

1. The latest model shall be quoted and certified.
2. The quoted price should include cost of the equipment, freight, insurance installation and commissioning.
3. Payment condition: (a) If the price is quoted in Indian rupees, 100% payment will be released after successful commissioning & acceptance by the end user. (b) If the price is quoted in foreign currency, letter of credit will be opened for 100% CIF value on a deferred payment system as noted below.
 - 75% of the CIF value (total value) will be released on presentation of dispatch documents through bank and balance 25% after successful commissioning and acceptance by the end user.
4. Delivery Place:- (a) If the product is indigenous and supply is from within the country, the equipment shall be delivered to the Pathology dept of RCC. If entry tax is leviable by the State Government, that will be paid by RCC. (b) If the product is imported and supply from abroad, the equipment shall be airlifted to Trivandrum airport. If so, the customs clearance from Trivandrum customs will be done by RCC by paying customs duty and clearance charges.
5. The installation should be done by the supplier free of cost.
6. Delivery period:- The equipment and its accessories should be completely supplied, installed and commissioned to satisfaction by RCC within 75 days from the date of supply order or date of L/C whichever is

later. If it is delayed, RCC will charge a penalty of Rs. 2,000 per day for the first 30 days and thereafter Rs.3,000 per day.

7.Warranty:- The entire equipment and its accessories should have comprehensive warranty of three years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.

8.The rates and terms of AMC (both comprehensive and labour) for a minimum period of 7 years after the warranty period shall be clearly specified. The labour AMC amount will be taken in to consideration for final selection.

9.Penalty clause: - During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more. There will be a penalty at the rate of Rs.2,000 per day for every day falling short of 95% uptime guarantee. If the machine lies non functional for a period of more than one week continuously, the same penalty will be imposed even if 95% uptime clause is met with. The uptime guarantee will be calculated at the rate of 24 hours a day and 7 days a week.

10.Training:-In order to fully and optimally utilize the equipments, free on site training should be given to the hospital staff free of cost.

11.List of installations in India over past 3 years shall be provided.

12.Number of trained engineers available in Kerala and nearest service Station shall be mentioned.

13.The specification of the equipment is given below.

HPV DNA testing by Hybrid Capture 2 is a recently introduced US FDA approved test to detect semi quantitatively HPV DNA from cervical samples in relation to clinical situations. The test is objective, clinically relevant and highly reproducible with high positive (PPV) and negative predictive value (NPV). The HPV Hybrid Capture 2 (HC2) test has an important predictive role. It detects probable pre cancer lesions, including high grade variants with positive predictive value exceeding 90%. An overall sensitivity above 95% for CIN 1 (or low SIL) and above 97% for CIN 2 or 3 (or high SIL) can best be compared to 50% with pap smear under high expertise. Analytically, the test can detect and distinguish between a wide array of genital high risk HPVs in the range of 5×10^3 to 5×10^7 HPV genome per assay which is clinically relevant in identifying current disease status. There is no detectable cross reactivity of HC 2 to a panel of over 30 different bacteria or to any of 15 different human viruses.

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TENDER NO.8/RCC/09:10

Competitive tenders in separate sealed covers superscribed with the name and number of tender are invited in two-bid system for the supply and installation of the following equipments in RCC.

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|-----------------------------|------|
| 1. Blood Bank Refrigerator | 1 No |
| 2. Refrigerated Centrifuge | 1 No |
| 3. Blood Collection Monitor | 5 No |

The tender forms with detailed specifications and terms and conditions may be had from the Purchase division of RCC on payment of cost.

| | |
|--|---------------------------|
| Due date and time for receipt of tenders | : 25.2.2010 1 PM |
| Due date and time for opening of tenders | : 25.2.2010 2 PM |
| Cost of tender form (original) | : Rs.4,613 including tax |
| Cost of tender form (duplicate copy if required) | : Rs. 2,363 including tax |

Application for tender form should be accompanied by DD/cash/money order remittance of Rs.4,100 plus 12.5% tax (Rs.4,613) which is the price fixed for the original form/set of forms and is not refundable under any circumstances. Tender form is not transferable.

The tender documents should contain two parts namely **Technical bid** and **Financial bid**. The technical bid should contain

- a) Prescribed tender form duly signed and sealed
- b) Detailed technical specifications
- c) Original brochure & literature supporting the technical specification.
- d) Earnest Money Deposit of Rs.27,500
- e) Agreement in Rs.50 stamp paper
- f) List of installations in India
- g) Details of service facility
- h) Compliance to payment condition
- i) Delivery period
- j) Place of delivery
- k) Warranty
- l) Training details etc

The Financial bid should contain

- A)Price of the equipment and its accessories
- b) AMC details
- c) Price list of essential spare parts
- d) Compliance to penalty conditions etc

The tenders duly filled and signed by the tenderer along with necessary documents should be submitted to the Director, Regional Cancer Centre, Trivandrum on or before 1 PM on 25.2.2010. Specimen of the agreement to be submitted in stamp paper is in the last page of the tender form. Earnest Money Deposit (EMD) amount of Rs. 27,500 shall be submitted by way of demand draft, deposit receipt or bank guarantee in favour of Director, Regional Cancer Center, Trivandrum. In the case of bank guarantee, its validity should be up to 31/3/2011.

The technical bids will be opened at 2 PM on 25.2.2010 at RCC main conference hall in the presence of such tenderers or their authorized representatives who may be present at that time. The financial bids of technically qualified firms will be opened at a later stage and the date will be intimated. The Director of Regional Cancer Centre, Trivandrum reserves the right to accept or reject all or any tender at his sole discretion without assigning any reason. For legal purposes, the cause of action will be deemed to have arisen in Trivandrum, Kerala state.

TERMS AND CONDITIONS

- 1.The latest model shall be quoted and certified.
- 2.The quoted price should include cost of the equipment, freight, insurance installation and commissioning.
- 3.Payment condition: (a) If the price is quoted in Indian rupees, 100% payment will be released after successful commissioning & acceptance by the end user. (b) If the price is quoted in foreign currency, letter of credit will be opened for 100% CIF value on a deferred payment system as noted below.
 - 75% of the CIF value (total value) will be released on presentation of dispatch documents through bank and balance 25% after successful commissioning and acceptance by the end user.
- 4.Delivery Place:- (a) If the product is indigenous and supply is from within the country, the equipment shall be delivered to the Blood Bank of

- RCC. If entry tax is leviable by the State Government, that will be paid by RCC. (b) If the product is imported and supply from abroad, the equipment shall be airlifted to Trivandrum airport. If so, the customs clearance from Trivandrum customs will be done by RCC by paying customs duty and clearance charges.
- 5.The installation should be done by the supplier free of cost.
 - 6.Delivery period:- The equipment and its accessories should be completely supplied, installed and commissioned to satisfaction by RCC within 75 days from the date of supply order or date of L/C whichever is later. If it is delayed, RCC will charge a penalty of Rs. 3,000 per day for the first 30 days and thereafter Rs.4,000 per day.
 - 7.Warranty:- The entire equipment and its accessories should have comprehensive warranty of three years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.
 - 8.The rates and terms of AMC (both comprehensive and labour) for a minimum period of 7 years after the warranty period shall be clearly specified. The labour AMC amount will be taken in to consideration for final selection.
 - 9.Penalty clause: - During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more. There will be a penalty at the rate of Rs.3,000 per day for every day falling short of 95% uptime guarantee. If the machine lies non functional for a period of more than one week continuously, the same penalty will be imposed even if 95% uptime clause is met with. The uptime guarantee will be calculated at the rate of 24 hours a day and 7 days a week.
 - 10.Training:-In order to fully and optimally utilize the equipments, free on site training should be given to the hospital staff free of cost.
 - 11.List of installations in India over past 3 years shall be provided.
 - 12.Number of trained engineers available in Kerala and nearest service Station shall be mentioned.
 - 13.The specification of the equipment is given below.

1. Blood Bank Refrigerator

1 No

- Model Vertical, single/double door 600L capacity
- Temperature +2 degree C to + 6 degree C to be maintained
- Chart range 0 – 40 degree C
- Digital display, alarm device
- Audiovisual alarm when the temperature goes below or exceeds optimum range or on power failure, or door open. Alarm system independent of power mains, battery operated.
- Cabinet Internal stainless steel
External powder coated
Mounted on castor wheels
- Temperature chart recordable on ink on a weekly chart paper
- Automatic evaporation of condensate
- Flicker free internal lighting, 5 or more sliding trays
- Built in voltage stabilizer
- Voltage 220V to 250 V, single phase, 50Hz
- Door glass, Thermal, triple plated, cloud free
- Meeting ISO standards

2. Refrigerated Centrifuge

1 No

- Programmable microprocessor controlled
- User friendly, digital display for controlling basic functions
- Automatic lid lock
- Speed 300 – 8000 rpm with 10 rpm increments
- RCF – up to 6000 g, adjustable
- Memory, tamper proof
- 12 quadruple bag (450ml quadruple bag) capacity
- swing out buckets
- temperature range -10 C to 40 degree C, adjustable
- imbalance detection, automatic shut down.
- Stainless steel, corrosion resistant chamber, drain
- HCFC, CFC free refrigerant fluid
- Capacity to store 30 or more programmes
- Digital display for temperature
Time, RCF, Rpm, Acceleration/Deceleration,
Imbalance, lid open
- Movable on castor wheels, lockable
- Security lock

- Plastic insert, complete with spacers to spin triple blood bags for RBC, PRP, FFP, PC
- Power input 220 – 240 VAC 50 Hz fitted with Indian plug
- Stabilizer/UPS if required for operation, rating to be provided
- Safety features for imbalance, lid interlock, over temperature, rotor over speed
- Data should remain stored in the event of power failure
- Log book
- Certificate of calibration and inspection from factory
- List of important spare parts and accessories with their part numbers and cost to be provided
- Possibility of connection to computer

3. Blood Collection Monitor

5 No

- User friendly, portable, light weight, low breakdown
- Programmable with digital display for LCD
 - Total weight (ml of blood)
 - Target volume
 - Elapsed time
 - Unit of displayed figure (ml or gm)
- Volumes to be set in 5ml increments
- Provision for switching over to standard volumes
- Provision for pausing
- Detachable easily cleanable tray
- Collection volume range 10 – 990 ml
- Input power 220 – 240 V 50 Hz
- Protection against electrical shock
- 12 ± 2 oscillations/minute, motor driven
- Motor activated clamping, automatic release of clamp when bag is lifted at end of collection
- Automatic clamping when flow is less than 20ml/minute
- Audiovisual alarm for low flow
 - higher rate flow
 - end of collection
 - power failure
- Rechargeable battery
- Compliance with ISO

