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CORRIGENDUM-II

**Tender for rate contract and supply of Medical Devices/Consumables for
different healthcare facilities of state of Bihar**

Notice Inviting Tender Ref No.: -BMSIC/MEDICAL DEVICES/CONSUMABLES/24-07

Dated: - 09-08-2024

(Only through E- Tender on website: -www.eproc2.bihar.gov.in)

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) invites E-Bids from the interested parties for “**Tender for rate contract and supply of Medical Devices/Consumables for different healthcare facilities of state of Bihar**”, vide Notice Inviting Tender No.- **BMSIC/MEDICAL DEVICES/CONSUMABLES/24-07**. Detailed tender document containing eligibility criteria, selection mechanism, other terms and conditions are available on the website www.eproc2.bihar.gov.in.

After considering the suggestion/queries received from the prospective bidders & after due deliberation on all aspects, certain amendments have been made in the Annexure- I of the standard bid document in this Corrigendum-II. Rest of the terms and condition shall remain unchanged.

**Sd/-
GM (Procurement)
BMSICL**

Tendered Product List

S.No.	Item Description	Estimated Tendered Quantity
1	MVA Kit Double Valve MVA Aspirator & MVA Cannulae	1600 Units

Technical Specifications of Double Valve MVA Aspirator & MVA Cannulae**I. Device Name: Double Valve MVA Aspirator-**

Device Description: Product description of Double Valve MVA Aspirator is as follows:

Double Valve MVA Aspirator is made of polypropylene with double locking valves allowing at least 24 inches (609.6 mm) of mercury vacuum to be created prior to the procedure. The barrel of the aspirator has 60 cc volume or higher and features a secure stopping mechanism for the plunger when pulled. The plunger also features a locking mechanism to avoid plunger retraction. The aspirator should be able to maintain a minimum vacuum equivalent to 24 inches (609.6 mm) of mercury for at least one hour. The aspirator should be able to withstand sterilization in a steam autoclave for 30 minutes at 121°C (250°F) at a pressure of 106 kPa (15lbs/in²) and is reusable under normal use and maintenance.

The device will contain the following parts:

Component	Description	Material Type
Plunger	Component, which inserts into the barrel.	All components should be of materials that are able to withstand sterilization in a steam autoclave and HLD by boiling water.
Barrel	Main cylinder of the aspirator.	
Valve Body	Case to enclose the valve mechanism for the aspirator.	
Collar stop	Clip on top of the barrel which prevents the plunger from being removed from the barrel.	
O-ring	Rubber ring inserted onto the end of the plunger making the plunger slide into the barrel and creating the air lock.	
Buttons	Knob when pressed causes the liner clamp to seal of the liner	
Liner Clamp	Mechanism which closes off the liner which holds a vacuum in the barrel.	
Liner	Soft tubular part which clamps off to create the vacuum	
Valve Cover	Component at the end of the valve body that helps to hold the cannulae or adapters in place.	

Vacuum Requirements for aspirator

Minimum of 24 inches (equivalent to 609.6mm) of mercury (Hg)

Maintenance Purpose: (Lubricating oil: Silicon oil)

Easy Assembling of all parts of plunger during sterilization process as it is reusable.

Processing Requirements for aspirator

The aspirator should be able to withstand the following processing methods:

Sterilization by

- Steam autoclave: 30 minutes at 121° C (250°F) with a pressure of 106kPa (15lbs/in²)
- 2% Glutaraldehyde solution: soak for 10 hours

High-level disinfection by

- Boil: 20 minutes
- 0.5% Chlorine solution: 20 minutes
- 2% Glutaraldehyde solution: soak for 20 minutes

II. Device Name: MVA Cannulae-

Device Description: Product description of MVA Cannulae is as follows:

MVA cannulae manufactured from latex-free plastics that are semi-rigid and have permanently affixed (integrated) adaptors that are color-coded by size for rapid differentiation and are constructed with features (grips/wings) to facilitate easy insertion and removal from the aspirator. Each MVA cannula (of 8 sizes 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm & 12mm) is compatible with autoclavable Double Valve MVA Aspirator. Each cannula should be individually wrapped in a sterilized packing. The packing should remain sterile for at least three years from the date of manufacture or as long as the wrapper is intact.

Device Characteristics

The device should conform to the following design features and characteristics:

Characteristics	MVA Cannulae
Size available	4, 5, 6, 7, 8, 9, 10, 12 mm (total 8 sizes)
Flexibility	Semi-rigid
Compatibility with aspirators	Directly fitting tightly with all Double Valve MVA aspirators without any vacuum loss from the adaptor base and the top end (aperture/s) MVA Cannulae after being fitted.
Need for separate adapter	No requirement of separate adapter
Adapter design	Permanently-integrated winged base Color coded by size
Aperture placement:	
2 opposing apertures	In diameter: 4mm; 5mm; 6mm; 7mm and 8mm
Single scoop aperture	In diameter: 9mm; 10mm; and 12mm
Configuration of sounding dots	First dot is 6cm from the tip of the cannula, others follow at 1 cm intervals; all cannulae have 6 dots

Processing Requirements for Cannulae

The MVA Cannulae should be able to withstand the following processing methods:

Sterilisation by

- Steam autoclave: 30 minutes at 121° C (250°F) with a pressure of 106kPa (15lbs/in²).
- Ethylene Oxide (ETO)
- 2% Glutaraldehyde solution: soak for 10 hours

High-level disinfection by

- Boil: 20 minutes
- 0.5% Chlorine solution: 20 minutes
- 2% Glutaraldehyde solution: soak for 20 minutes

Note- I :-

Please refer to the Annexure-I of this corrigendum for Revised price bid before submission of the bid. Those bidders who have already submitted their bids shall also have to Re-Submit their bids accordingly.

Note- II :-

Tendered quantity is just a tentative quantity and shouldn't be treated as final. It may increase or decrease, as per need of the State. Keeping this in mind, the supplier isn't allowed to seek termination of the Rate Contract after finishing supply of tendered quantity.

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