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TENDER/HMH/2024/032

AUGUST 5, 2024
HULHUMALE 'HOSPITAL
Huvandhuma Hingun, Hulhumale', Rep. of Maldives

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ANNEX1: SPECIFICATION SHEET

GENERAL INFORMATION

NAME	HYFRECATOR
CATEGORY	Medical Equipment
CLINICAL PURPOSE	A hyfrecator is used in medical procedures to control bleeding, remove unwanted tissue, and destroy abnormal growths. It effectively stops bleeding by coagulating blood vessels and seals wounds to reduce infection risk.

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION	<p>Minimum Requirement Sheet for Hyfrecator</p> <p>1. Specifications:</p> <ol style="list-style-type: none"> 1. Generator Modes: <ul style="list-style-type: none"> ○ Monopolar mode ○ Bipolar mode ○ Foot control operation 2. Output Terminals: <ul style="list-style-type: none"> ○ High Output Terminal for heavy desiccation and fulguration requiring high intensity ○ Low Output Terminal for light desiccation and fulguration requiring low intensity and increased precision 3. Hand Control: <ul style="list-style-type: none"> ○ Autoclavable, reusable hand control pencil with all tips included 4. Bipolar Cable: <ul style="list-style-type: none"> ○ Includes bipolar cable with forceps 5. Consumables: <ul style="list-style-type: none"> ○ 10 sets of all necessary consumables included with the machine <p>2. Additional Features:</p> <ol style="list-style-type: none"> 1. Dual Microprocessors: <ul style="list-style-type: none"> ○ One microprocessor to control the output and functionality ○ One microprocessor to monitor the system and suspend the process if any safety hazards are detected 2. Power Settings: <ul style="list-style-type: none"> ○ Low Output: 0-20 watts (increments of 1/10 watt up to 10 watts) ○ High Output: 0-35 watts ○ Bipolar Output: 0-35 watts <p>3. Required Accessories:</p> <ol style="list-style-type: none"> 1. Sterility Maintenance: <ul style="list-style-type: none"> ○ Sterile and non-sterile sheaths for the reusable pencils ○ Sterile sheath designed to fit over handheld instruments 2. Electrodes:
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	<ul style="list-style-type: none"> ○ Disposable sharp and blunt Electrolase electrodes ○ Reusable electrodes in various sizes and shapes <p>3. Bipolar Forceps:</p> <ul style="list-style-type: none"> ○ Designed for precise tissue manipulation and coagulation <p>4. Telescoping Stand:</p> <ul style="list-style-type: none"> ○ Mobile stand for easy and flexible movement <p>4. Warranty:</p> <ul style="list-style-type: none"> • Warranty and technical support must be provided for a minimum of 3 years. <p>5. Additional Requirements:</p> <ul style="list-style-type: none"> • User manual and training materials for operating the hyfrecator. • Installation and calibration services to ensure optimal performance. • The supplier must either have an in-house biomedical engineer or provide proof of a contract with a biomedical engineer capable of supporting the service and maintenance of the equipment. <p>6. Delivery and Installation:</p> <ul style="list-style-type: none"> • The supplier must provide delivery and installation services. • Installation must include initial calibration and verification of equipment functionality. • Application and service training must be provided. <p>7. Compliance:</p> <ul style="list-style-type: none"> • The equipment must comply with all relevant medical device regulations and standards. <p>8. Tender Submission:</p> <ul style="list-style-type: none"> • Detailed specifications and brochures of the proposed equipment. • Estimated delivery and installation timeline. <p>Note: The successful bidder must ensure that the equipment is fully operational and meets all specified requirements upon delivery and installation.</p>
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