



वी.पी.कोइराला स्वास्थ्य विज्ञान प्रतिष्ठान धरानको
उपकरण खरिद प्रक्रिया गर्ने सम्बन्धमा दररेट माग बारेको
सूचना ।

(सूचना प्रकाशित मिति: २०८३।०२।१२)

यस प्रतिष्ठानको लागि आवश्यक तपशिल बमोजिमको **Laser Proctology Device (Diode Laser Generator System)** को खरिद प्रक्रिया गर्नुपर्ने भएकोले अनुमानित लागत प्रयोजनको लागि संलग्न Technical Specifications अनुसारको उपकरणको दररेट प्रस्ताव व्यवसाय (फर्म) दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व. २०८१/०८२ को कर चुक्ताको प्रमाणपत्रको प्रतिहरू संलग्न गरी यो सूचना प्रकाशित मितिले ७ (सात) दिन भित्र पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तोकिएको म्याद भित्र प्रतिष्ठानको दर्ता, चलानी फाँटमा दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email मार्फत पेश गर्नुपर्नेछ ।

Laser Proctology Device (Diode Laser Generator System) : Technical Specifications Attached here

| S.No | Purchaser's Requirments, | Priority | Conformity | Unit Price | Total Amount |
|------|---|----------|------------|------------|--------------|
| | | | Yes/No | | |
| 1 | Diode Laser Generator System | | | | |
| 2 | | 1 no | | | |
| | The System Should support EVLA Treatment and Proctology, removal of Polyps ,Treatment of Hemorrhoids, Fistulas, Pilonidal Sinus, Fissures | | | | |
| 3 | Laser power shall be 24Watt or more and 1470nm with atleast 15watt | | | | |
| 4 | Treatment and Laser wavelength should be 1470nm & 980nm | | | | |
| 5 | Aiming beam should be 635nm - 650nm red not less than 3mW from fiber tip | | | | |
| 6 | Operation mode should be Continuous wave (CW) and Pulse | | | | |
| 7 | Display should be Digital touch screen display, color, wide viewing angle, 5 inch or more bigger will be preferable | | | | |
| 8 | Display should displayed following parameters. | | | | |
| | 1.Power Display / Control | | | | |
| | 2.Power Up/Down Control Panel | | | | |
| | 3.Pulse Length | | | | |
| | 4.Interval Length | | | | |
| | 5.Pulse/Energy Display | | | | |
| | 6.Standby / Ready Button | | | | |
| | 7.Pulse lengths should be 0.02 ms to 900ms, CW | | | | |
| 9 | Auto Cooling system should be internal, forced air and thermal or better technologies. | | | | |
| 10 | Footpedal should have safety lock with wireless or wired connection | | | | |
| 11 | The system should have support to Conical, Radial fibre and Bare fibre | | | | |
| 12 | Fiber should not have any locking mechanism | | | | |
| 13 | Machine should not have any software calibration locking | | | | |
| 14 | Should have emergency Stop button , Error Alert | | | | |
| 15 | Bare fiber: | 2 nos | | | |
| | Used for Cutting & Coagulation | | | | |
| | 400 & 600-micron fiber thickness available | | | | |
| | SMA 905A Connector | | | | |
| | Used for all the machine | | | | |
| | Used in Piles & Fissure | | | | |

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|------|---|----------|------------|------------|--------------|
| | | | Yes/No | | |
| | Sterilized by using ethylene oxide | | | | |
| 16 | Radial Fiber: | 2 nos | | | |
| | Non-cutting tip | | | | |
| | 400 & 600-micron thickness | | | | |
| | Outer diameter: 1.0 mm to 1.8mm | | | | |
| | Standard length 2.5 m | | | | |
| | Wavelength 980 nm or 1470 nm | | | | |
| | Typical transmission 98 % | | | | |
| | Emission angle 60° cone angle from fiber axis | | | | |
| | Numerical aperture up to 0.36 | | | | |
| | SMA 905A Connector | | | | |
| | Indicated in Fistula & Varicose vein | | | | |
| | Sterilized by using ethylene oxide | | | | |
| 17 | Conical fiber: | 2 nos | | | |
| | Only used for piles treatment | | | | |
| | Outer diameter (tip) 1.8mm | | | | |
| | Standard length 2.5 m | | | | |
| | Wavelength 980 nm or 1470 nm | | | | |
| | Typical transmission 98 % | | | | |
| | Emission angle Forward Direction | | | | |
| | Numerical aperture up to 0.36 | | | | |
| | SMA 905A Connector | | | | |
| | 600-micron thickness | | | | |
| 18 | Accessories | | | | |
| | Handpiece - Straight & curved handpieces should be given along with the machine | 1 Set | | | |
| | Power Supply with Main Cable 5 Meter | 1 Pc | | | |
| | Wireless & Wired Foot Pedal with Cover | 1 Pc | | | |
| | Laser Safety Goggles | 5 Pcs | | | |
| | Eye Shield (For Patient) | 5 Pcs | | | |
| | Fibre Holding Stand | 2 Pcs | | | |
| | Fibre Cutter | 2 Pcs | | | |
| | Proctoscope Plastic | 10 Pcs | | | |
| | Company Trolley | 1 Pc | | | |

| S.No | Purchaser's Requerments, | Priority | Conformity | Unit Price | Total Amount |
|------|---|----------|------------|------------|--------------|
| | | | Yes/No | | |
| 19 | Power Supply : 220V to 240V 50Hz fitted with appropriate plug | | | | |
| 20 | Certification : ISO 13485:2016 , CE, USFDA , Manufature Licence Class A or Class B | | | | |
| 21 | Warranty : The system should be provided with comprehensive warranty of two years. | | | | |
| 22 | The bidder must be completely liable for installation of the system. The bidder must provide proper operational and maintenance training. | | | | |
| 23 | The bidder must also provide User manual and Service (Technical / Mantinance) Manual in English | | | | |