



| Running Contract Details | |
|--------------------------------|-------------------------------------|
| Equipment Name | Endoscopic Ultrasound |
| Running Contract Valid Till | 05-02-2027 |
| Tender Ref No | KMSCL/EP/T557/1167./2024 |
| Tendered Quantity | 4 |
| Supplier Name | M/s Fuji film India Private Limited |
| GST No | 32AABCF1594J1ZP |
| Installation & Delivery Period | 8 Week(s) |
| Up-time / PM vist | 95% & 4 Visits per year |
| Warranty period | 3 Years |

| Supplier`s Details | | |
|--|-----------------|---|
| Address | Contact Details | |
| Fujifilm India Private Limited 6th Floor Prestige Palladium Bayan S.No-43/1(Old No.12) Door Nos:129 to 140 Greams Road Nungambakkam Division Egmore Chennai-600006 | Contact Person | Rahul Kumar Dereball, S.Ayyappan |
| | Phone | 044-43994000/43994005 |
| | Mobile No | 8884516878/8792412484, 9962733636/9952911816 |
| | Email | rahul.derebail@fujifilm.com,ayyappan.somu@fujifilm.com, balu@fujifilm.com |

| Item-wise Price Details | | | | |
|-------------------------|--|---|------------------------------------|-------------|
| # | Item Details | Unit Rate (Incl.all taxes & charges) | Service Charges (Through KMSCL) | Grand Total |
| 1 | Endoscopic Ultrasound <i>Model & Make : EG-58OUT SU-1 EP-6000/FUJIFILM</i> | 0 Incl.GST :0% | 0 | 0 |
| 2 | Ultrasound Gastrovideoscope (Linear) | 2441600 Incl.GST :12% | 180068 | 2621668 |
| 3 | Ultrasound processor | 2240000 Incl.GST :12% | 165200 | 2405200 |
| 4 | Full HD Video Processor | 800800 Incl.GST :12% | 59059 | 859859 |
| 5 | HD Medical Grade monitor | 172800 Incl.GST :28% | 11151 | 183951 |
| 6 | Indigenous Monitor | 11800 Incl.GST :18% | 826 | 12626 |
| 7 | Leakage Tester | 11088 Incl.GST :12% | 817.74 | 11905.74 |

| Item-wise Price Details | | | | | | | |
|--|---|----------------------|----------------------|--------------------------|----------------------|----------------------|-----------------------|
| 8 | FNAC Needle 22 Gauge (Pack of 5) | | | 67200 Incl.GST :12% | 4956 | 72156 | |
| 9 | FNAC Needle 25 Gauge (Pack of 5) | | | 67200 Incl.GST :12% | 4956 | 72156 | |
| 10 | 5 core biopsy needle | | | 15680 Incl.GST :12% | 1156.4 | 16836.4 | |
| 11 | Recording software with hardware | | | 85668 Incl.GST :18% | 5996.76 | 91664.76 | |
| 12 | Sonofilter | | | 14160 Incl.GST :18% | 991.2 | 15151.2 | |
| 13 | UPS | | | 35400 Incl.GST :18% | 2478 | 37878 | |
| 14 | Color laser printer A4 | | | 41300 Incl.GST :18% | 2891 | 44191 | |
| 15 | Cost for training | | | 118000 Incl.GST :18% | 8260 | 126260 | |
| 16 | Ultrasound Gastrovideoscope (Radial) (Not taken for evaluation) | | | 2184000 Incl.GST :12% | 161070 | 2345070 | |
| 17 | "Balloons for ultrasonic gastro Videoscope Linear (for additional purchase) quote rate for one balloon (Not taken for evaluation) " | | | 560 Incl.GST :12% | 41.3 | 601.3 | |
| 18 | "Balloons for ultrasonic gastro Videoscope Radial (for additional purchase) quote rate for one balloon (Not taken for evaluation) " | | | 560 Incl.GST :12% | 41.3 | 601.3 | |
| | | | | 8307816 | 609959.7 | 8917775.7 | |
| Annual / Comprehensive Maintenance Charges (Exl.Tax) | | | | | | | |
| Rate | 4 th Year | 5 th Year | 6 th Year | 7 th Year | 8 th Year | 9 th Year | 10 th Year |
| Endoscopic Ultrasound | | | | | | | |
| Labour | 54,335.00 | 54,335.00 | 54,335.00 | 54,335.00 | 54,335.00 | 54,335.00 | 54,335.00 |
| Comprehensive | 1,63,005.00 | 1,63,005.00 | 1,63,005.00 | 1,63,005.00 | 1,63,005.00 | 1,63,005.00 | 1,63,005.00 |

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.

4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Endoscopic Ultrasound

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I. EUS processor with Linear endoscope

A. Ultrasound Gastro Videoscope (Linear)

1. Should have CCD technology ensuring High resolution quality endoscopy image.
2. Should have feature of special light technology FICE/NBI/I-Scan.
3. Should have 150-180 degree electrical curved linear scanning range.
4. Direction of view should be 40 – 55 degrees Forward oblique
5. Field of view should be 120 degree or more.
6. Should have EUS images with four or more selectable frequencies between 5-13 MHZ.
7. Should have Colour Doppler, Power Doppler for effective confirmation of blood flow, Pulse Wave, B Mode, to see the volume & velocity etc.
8. Should have lens cleaning function for keeping the endoscopic field of view clear.
9. Depth of field should be 3 to 100 mm .
10. Insertion tube outer diameter should be around 11.8- 13 mm.
11. Distal end should have short rigid portion for less trauma to the patient with diameter between 12.4 -14.6 mm or less
12. Should have sound speed correction mode for displaying clearer image of targeted area.
13. Should have compound harmonics imaging for visualizing clear images in deep lying areas while maintaining high resolution in shallow lying areas.
14. Angulation Capability should be – Up/Down – 130/90 Degree or more, Right/Left 90/90degree or more
15. Instrument channel diameter should be around 3.7 mm or more.
16. Videoscope should have FNA (therapeutic) capability.
17. Should have Symmetric Layout of US Transducer - biopsy channel and camera, to ensure accuracy while taking FNACor equivalent
18. EUS Scope should be fully immersible for thorough cleaningwith or without cap.
19. Should have gradual changes through maneuverable flexible portion for better push ability to ensure better insertion capability.

I. Video Processor Module

1. Compact & easily transportable one Cart system/unit to be mounted on the trolley for ease to movement on trolleyor standalone system
2. Ultrasonic processor should provide Colour Doppler, Power Doppler for effective confirmation of blood flow, Pulse Wave, B Mode, to see the volume & velocity etc.
3. Should have Compound Harmonic function and Elastography function.
4. Should have Elastography with i-ELST function or image hold elastography function for strain ratio & strain histogram or equivalent technology.
5. Should have S-focus /multifocusfunction or equivalent technology for full range focusing eliminating Manual focus adjustment.
6. Processor should be immigrated processor for electronic scanning.

7. To improve EUS image resolution, system must be equipped with sound speed correction technology or equivalent technology.
8. Should have Needle Guide function to help precise targeting with minimum passes.
9. Flexible image display mode, where in - could see previous freeze multiple images (patient history images) on one monitor or live image of procedure.
10. System should be equipped with direct image storage during examination on Pen Drive or internal hard drive.
11. Should have capacity to record at least 30 sec to 3 minute Video with its retrieval.
12. Option to Generated frequency range: 5 to 12 Mhz.
13. Dedicated and user-friendly keyboard with Touch pad keyboard or track ball option.
14. Cine Memory/memory review: 350 or more frames.
15. Facility to play video of cine memory.
16. Retrieve images thru USB port to record.
17. GAIN, Contrast, Dynamic Range and STC functions for adjustment of image.
18. Optimization functions for auto setting of image by sensing the nature of tissue.
19. Processor should be compatible with the video processor and light source quoted.

I. Full HD Video Processor Module:

1. Equipped with high resolution HDTV or 4 k Imaging capacity.
2. Should be compatible with Analog or Digital output with 1920X1080P output.
3. Minimum 1 HDTV image output(HD-SDI/DVI/HDTV) for HD image transfer.
4. Integrated/Separate, light weight and ergonomically designed.
5. Should have Special light function such as FICE/BLI/NBI/I-SCAN to see the vascular/mucosal pattern.
6. System should support Close focus up to 2 mm to get enhanced image for diagnosis.
7. System should have Edge & Structure enhancement.
8. Recording of both still & moving images
9. Portable Memory & USB Slot for image recording with 4 GB internal memory and external USB (8GB) Automatic IRIS control & automatic white balance.
10. Automatic IRIS control & automatic white balance
11. Electronic Zoom up to 2X.
12. Equipped with memory back up for settings & Lithium battery.

I. Light Source:

1. Long life Multi light LED light source (3 or more LED bulb) with minimum lamp life of 6000 hours, & light intensity equivalent to Xenon 150 watt or more
2. Backlit front panel indicators.
3. Equipped with automatic light adjustment forced air cooling, regulated air feeding pump and fan with low noise.
4. Compact & light weight design weight 15 -30 Kg.
5. Integrated/Separate, light weight and ergonomically designed.

I. HIGH DEFINITION MEDICAL GRADE MONITOR

1. 26" or more High definition medical grade monitor. HD Compatible

I. The System Has to be Supplied With Following Accessories

1. Indigenous trolley for placing all the components with provision for hanging the scope.
2. Leakage Tester
3. 10 FNAC needles (five 22 gauge and five 25 gauge needles)
4. 5 core biopsy needle
5. Should provide an HD recording software, image capturing, storing, retrieving, and reporting system for both endoscopy and EUS images in a portable system with adequate storage capacity (both hardware (Laptop) and software)
6. Sonofilter to block the EMF interference

1. Laptop Specification:

- a. Processor: Intel core i5 or better
- b. Display 14" or better
- c. Hard disk: 1 TB or more
- d. RAM: 8GB or more
- e. Should be supplied with wireless mouse
- f. Licensed windows.
- g. Color laser printer A4 size

1. 3 KVA UPS with isolation Transformer having 2-hour battery back up for smooth functioning during power failure. Batteries should be preferably Gel type batteries.

I. Two Medical officers shall be provided training at a reputed centre.

II. Should have a safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/test report shall be produced along with the technical bid.

III. Company should have good service structure and facility of repairing scopes in India.

IV. Appropriate recording cables and accessories should be in the scope of vendors only for making it fully functional.