



**Government of Pakistan
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY**

TO

PPRA & MIS

Dear Sirs,

Reference: TENDER ENQUIRY NO. 4145-EM-18(08)-FP-PUR-Hosp DATED 22.01.2018
You are requested to submit sealed quotations for the item(s) NOTED ON THE Schedule to the Tender. Please note the following instructions for filling the tender:-

1. SUBMISSION OF TENDER

1.1 Tenders will be opened at **1230** hours on **24-February-2018** and must reach this office on or before **1200** hours. Tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.

1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-

Tender Enquiry No: **4145-EM-18(08)-FP-PUR-Hosp**
Tender to be opened on: **24-February-2018**
Address as follows:- **DY.COMMNADANT-POF-HOSPITAL
POF WAH CANTT. (PAKISTAN)**

2. GENERAL INSTRUCTIONS REGARDING PREPERATION OF QUOTATIONS

2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the schedule, which shall form the Quotation. You may use a separate sheet if necessary.

2.2 For plant and Machinery, you are required to quote in two parts:-

Part-I "Technical Offer": It should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment; validity date; delivery schedule; signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

Part II "Commercial Offer": It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

Each part should be placed in a separate sealed cover. The envelopes should be inscribed with: Part I **"Technical Quotation without price"** and Part II **"Commercial Quotation with Price"**.

- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of tenders.
- 2.4 The quotations should hold good for any reduced or enhanced quantities without notice.
- 2.5 In the event of non-acceptance of offer, intimation may be given to the renderers on their request.
- 2.6 Conditional offers or alternative offers are likely to be ignored.
- 2.7 Quotations should be based on FOB. The consignment will be shipped through Pakistan National Shipping Corporation (PNSC). In case there is no PNSC service in the country of shipping, please quote on C&F basis. The freight should be indicated separately. Insurance premium should not be included in the quoted price. However, where insurance is considered necessary, advice to that effect should be given in the quotation.
- 2.8 Submission of the offer through an agent in Pakistan should be avoided. In case it is considered inevitable, the agent's quotation must invariably be accompanied by the original proforma invoice from the principals/ manufacturers. Offer submitted only by manufacturers/principals will be entertained and respective OEM must be submitted authorization certificate about their sole distributors/ local representative in Pakistan.
- 2.9 Country of origin and port of shipment to be stated.
- 2.10 If the requisite information is not furnished on the T.E forms or offer received is not in conformity with the requirement of T.E, such offer shall be ignored.
- 2.11 The supplier will render necessary information regarding hazardous effects on environment of the material/products supplied by them, alongwith dispatch documents.
- 2.12 Please ensure fulfillment of condition specified in sub para 2.2 alongwith other conditions.
- 2.13 If the requisite information is not furnished on the T.E form or offer received is not in conformity with the requirement of the T.E such offer shall be ignored

3. INSPECTION

- 3.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost. Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the suppliers in accordance with the relevant specifications.
- 3.2 Third party inspection;- Firm will supply the store duly inspected/cleared by the renowned inspecting Agencies like SGS, Lloyd Bureau Varitas etc.
- 3.3 Where considered necessary by the Purchaser, the stores may be obtained on Warranty/Guarantee, subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the supplier at his own expense, within a specified time.

4 ACCEPTANCE OF OFFERS

- 4.1.1 The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.
- 4.1.2 Procuring agency shall incur no liability, solely by virtue of its invoking sub-rule (1.1) towards suppliers or contractors who have submitted bids or proposals.
- 4.1.3 Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.

4.2 PERFORMANCE BOND

- (a) The successful bidders will provide Performance Bond at the rate upto 10% of F.O.B. value of contract in favour of the Controller Military Accounts (CMA) POF Wah Cantt. The Performance Bond will be furnished in the form of an unconditional bank guarantee on prescribed proforma covered by any scheduled bank in Pakistan. The Performance Bond shall be furnished within 45 days from the date of opening of Letter of Credit. It shall be valid for a period of 03 years after the date of expiry of letter of credit. If the Performance Bond is not furnished within the prescribed time of 45 days, the Purchaser reserves the right to:
- i. Impose penalty @ 1 % per month of the value of CDR/BG.
(Clause-4.2 (a i) is not applicable in case of procurement of Plant / Equipment / Machinery items)
- OR
- ii. Cancel the contract and make other arrangements for purchase of the stores at the risk and expense of the Supplier.
- (b) No Performance Bond will be required if the total FOB value of the contract is less than US \$ 50,000 and contract is placed directly on the foreign Supplier.

4.3 FAILURE TO SUPPLY THE STORES

All deliveries must be completed by the specified date. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeure", which the Purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and/or, claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a maximum of 10% of the total contract value; or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the Supplier.

4.4 PAYMENT

Payment will normally be made by means of irrevocable letter of credit. Unless otherwise stated 70% payment will be released on submission of Dispatch documents to Bank while balance 30% payment will be released on receipt and acceptance of store by the consignee.

All Bank charges incurred in Pakistan in connection with the establishment of L.C. will be borne by the Purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of L.C. by the advising Bank/Foreign Bank will be borne by the Supplier.

5. SECURITY OF INFORMATION

The Tenderers and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, alongwith the specification drawings etc, if any, enclosed herewith – even if you are unable to quote.

WARNING

In case the firm abstain from making offers or fail to return/acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry may be issued to them and their names would liable to be removed from the approved list.

Yours faithfully,

(DR.SUMMAYA KHURRAM)
MANAGER-PURCHASE-HOSPITAL
for PAKISTAN ORDNANCE FACTORIES

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER ENQUIRY NO. 4145-EM-18(08)-FP-PUR-HOSP

DATE 22.01.2018.

(1) **FOR MATERIALS**

Item No	Description with Spec etc.	Unit	Quantity	Price Figure	Price in Words	Delivery Date
1	<u>Detail of Machinery:-</u> Neuro Endoscope Surgery set <u>SPECIFICATIONS</u> Attached As Annexure-“B”	No.	01			Immediate

(2) **For Plant & Machinery:-**

(3) **Special Conditions.**

- 1 The store must be protected adequately and appropriately to the mode of dispatch against damage from environmental effects, water or other substances during the sea voyage and overland journey to withstand the rough handling involved in transit and prove proper preservation of materials while held in storage by the consignee.
2. Firm should not quote the rates, if their Govt. does not permit them for export of the material to Pakistan.
(ATTACHED AS ANNEXURE-C).

(4) **Undertaking**

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of Conditions of Contract embodied in Form POF 1280, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place _____

Signature of the Tenderer _____

Date _____

Name _____

Position _____

Address _____

Income Tax G.I.R No. _____

1. **Detail of Machinery:** **Neuro Endoscope Surgery set (Qty-01 No.)**

Specifications:

High Definition Modular & Upgradeable Camera System Equipped with Advance Surgical Imaging System for Neuro & Spine Endoscopy

3 chip FULL HD CAMERA HEAD FOR MODULAR HD CAMERA SYSTEM

- | | | |
|-----|---|---|
| 1. | CCD Chips | 3 *1/3" CCD Chip |
| 2. | Pixels | 1920*1080 pixels |
| 3. | Scan mode , frame rate, Ratio | Progressive, 50 or 60FPS, 16:9 |
| 4. | camera head buttons | 2 to 3 programmable buttons with 5 to 6 functions in icon form |
| 5. | Zooming & focusing | Optical Zooming and focusing through individual couplers f=15-31mm(2x optical zoom) |
| 6. | Par focal Zoom | 2x par focal zoom |
| 7. | Color system | PAL or NTSC |
| 8. | Minimum light intensity | 1.17 lux (f=1.4mm) |
| 9. | Integrated Control | Should be able to control complete cameras system i.e. light source, endoflator, video processing module, Camera modules, Video Capturing, Still images. Through camera head. |
| 10. | integrated, innovative visualization technology | At least 4 different image enhancement for better visualization in surgery |
| 11. | Cleaning/Sterilization | Sterrad® 100S, NX 100NX, Steris® System1, V-Pro1, ETO-Gas Sterilization |

MAIN PROCESSOR

- | | | |
|-----|---|--|
| 1. | FULL HD VIDEO PROCESSING MODULE WITH INTEGRATED DOCUMENTATION FUNCTIONS FOR IMAGE AND VIDEO CAPTURING FOR USE WITH 3 CHIP FULL HD CAMERA HEADS AND VIDEO ENDOSCOPES | |
| 2. | Video output connections | 2x dVI-D , 1x3G-SDI, 3x inputs for compatible camera modules, LAN Connection |
| 3. | USB Recording | 4x USB Connection (2x front , 2x rear) for video recording and stills |
| 4. | Resolution | 1920x1080P |
| 5. | Power supply | 100-120VAC, 50/60Hz, 200-2014VAC 50/60HZ |
| 6. | Certification | IEC601-1, 601-2-18, CSA 22.2 No. 601, UL2601-1 and CE acc. to MDD, |
| 7. | Special Display | Parallel live display of visualization modes besides white light mode (picture-in-picture) with 5 display settings |
| 8. | 3D Compatibility | Should be able to upgrade in 3D Camera system. |
| 9. | Modularity | Compatible Up to three camera modules can be connected to Video processing module |
| 10. | Integrated PIP | Primary and secondary camera signals display through PIP in 5 different sizes in full HD mode simultaneously |
| 11. | Video Capturing | Via USB in Full HD quality (MPEG4) |
| 12. | Still Images | Via USB in FULL HD Quality (JPEG) also can be able to adjust by 4 different ways. |

13.	Presets	Storage of up to 20 presets
14.	Patient record	Up to 50 patients data record facility
15.	White balancing	Can be perform through button on video processing module
16.	Light Control System	Should be able to control the intensity of light source
17.	Orientation features	At least 3 selections during procedure: 1- grid. 2- pointer 3- Grid+pointer
18.	Integrated control	Parameters can be adjust during surgery
19.	Brightness and fiberscope filters	Integrated digital imaging processing module for a 5 level brightness regulation and 2 electronic anti-moirée filters for fiberscope's

LED LIGHT SOURCE UNIT

CAMERA PROCESSOR

1.	Digital FULL HD camera module for use with Three-Chip-FULL-HD camera Head	
2.	Camera Input	1 x three-chip-FULL HD camera head.
3.	Resolution	1920x1080
4.	Automatic Gain Control	Microprocessor Controlled
5.	Power supply	100 - 120 VAC, 50/60 Hz, 200 - 240 VAC, 50/60 Hz.
6.	Certified to:	IEC601-1, 601-2-18, CSA 22.2 No. 601, UL2601-1 and CE according to MDD, protection class 1/CF defib.
1.	Lamp type	High Performance LED
2.	Color Temperature	6400K
3.	Lamp Out let	1
4.	Control	Through Knob or Buttons
5.	Integrated Control	Should be able to control through Camera Head
6.	Fiber optic light cable	From same manufacture. Fiber Optic Light Cable, size 3.5 mm, length 230 cm, heat-resistant

27" Full HD MONITOR

1.	Max. screen resolution	1920 x 1080
2.	Image Format	16:9
3.	Video Signal Input	DVI, VGA, S-Video, Composite /FBAS
4.	Video Signal Output	DVI, S-Video, Composite/FBAS
5.	Power Supply	24V External Power Supply
6.	Monitor quality	From same manufacture

ENDOSCOPIC LENS CLEANING UNIT

1.	function	Rinsing of lens during procedure
2.	operating	Foot switch control
3.	Speed control	Through knob/buttons
4.	Flow	At least 1 liter in 30 mints or better
5.	Voltage	100-240vac,50/60Hz
6.	Standard	IEC 601-1,CE acc.to MDD

Neuro drill, shaver with irrigation system.

1.	Drill and shaving Control unit	Should be compatible for both drill and shaving with irrigation
2.	Display	LCD with touch function or better
3.	Speed Controls	Various dill and shaving hand peace speed functions
4.	Foot control	Should have foot control for drill, shaver with irrigation
5.	Irrigation tubing	Should have irrigation tubing set
6.	Integrated control	Should be compatible to real interface control system
7.	Neuro drill motor	Speed 50 to 60 thousand RPM or better Should be compatible for various hand peaces

8.	Craniotrome and dura protector	Craniotome hand piece with Small, medium , large dura protectors
9.	Perforator	Perforator hand piece with burr.
10.	Hand pieces angled	Qty 3 of each, Diameter 5.5 mm and length 51,71,91 mm. speed 50 to 60 Thousand RPM
11.	Hand pieces straight	Qty 1 of each, diameter 5.5 mm and length 71 mm
12.	Hand piece melliabe	Qty 1 of each, diameter 4.7 mm and length of 128 mm
13.	Shaver hand piece	Compatable with same drive unit
14.	Shaver Blades straight	Qty 2 of each, Diameter 3 mm and 4 mm , Suction burr 12 cm
15.	Shaver Blades Curved	Qty 3 of each, Drill Diameter 3mm,3.6,4mm and Shaft diameter 4mm

Sterilization Tray

Should be compatible to sterilization of 6 to 8 hand pieces , cable and motor and portion for small pieces

Endoscopy set for spine surgery

1.	Forward Oblique Telescope 25°, eyepiece angles 90°, Diameter 4mm, Length 9 cm	1
2.	Trocar 19mm diameter	1
3.	Trocar 23mm diameter	1
4.	Attachment for 19 mm Trocar	1
5.	Optic Holder 19mm	1
6.	Attachment for 23 mm Trocar	1
7.	Optic Holder 23mm	1
8.	KERRISON Bone Punch 40°, up biting forward, size 4 mm, working length 24 cm	1
9.	KERRISON Bone Punch 40°, up biting forward, size 2 mm, working length 24 cm	1
10.	Spoon Forceps, dismountable, robust, oval, single action jaws, spoon size 3 x 10 mm, working length 20 cm	1
11.	Hook Scissors, single action jaws, size 2.7 mm, working length 25 cm	1
12.	Surgical handle, bayonet-shaped with working length 15 cm	1
13.	Palpation Hook, straight, distally 10 mm long and 90° angled, with ball, working length 20 cm	1
14.	Dissector n. MORTINI dead hand, bayonet shaped, 3 mm, curved upwards, with round handle , sharp, working length 16 cm	1
15.	Nerve retractor, 30° angled, distal width 5 mm, working length 17 cm	1
16.	Curette, small, curette size (l x w): 2.7 x 4 mm, bajonet-shaped, distal angled 45°, working length 20 cm	1
17.	Suction Tube, with cut-off hole and stilet, LUER, working length 15 cm, 2.5 mm	1
18.	Bipolar Coagulating Forceps, insulated, bayonet-shaped, tip 1.2 mm, length 23 cm, for use with bipolar high frequency cord	1
19.	Bipolar Grasping Forceps, size 3,4 mm, length 20 cm,	1
20.	Rotation Socket to clamp on the operating table with one already mounted butterfly nut, for use with European and United States standard rails, with lateral clamping element for height and angle adjustment of the articulated stand	1
21.	Articulated Stand, reinforced version, only, L-shaped, with one mechanical central clamp for all five joint functions, height 48 cm, operating range 52 cm, with fastener: Lock (female)	1
22.	Bipolar High Frequency Cord, 300 cm	1
23.	Plastic Container for sterilizing, applicable for hydrogen peroxid- (Sterrad-) sterilizing and for storage, Perforated, with lid, for use with two rigid endoscopes, with max. working length of 200 mm	1

24.	Plastic Container Set with accessories. For sterilization and storage of variable sets of instruments	1
	Endoscopic Transphenoidal Surgery set	
1.	Suction Tube, with cut-off hole, drop-shaped, with distance markings, conical distal end, 8 Fr., working length 15 cm	1
2.	Suction Tube, with cut-off hole, drop-shaped, with distance markings, conical distal end, 6 Fr., working length 15 cm	1
3.	Scissors, 45°, delicate, Sheath 360° rotatable, working length 18 cm	1
4.	Forceps, very delicate, oval cupped jaws 0.9 mm, curved upwards, working length 18 cm	1
5.	Forceps, round cupped jaws, diameter 0.6 mm, extra delicate, straight, working length 18 cm	1
6.	Miniature Grasping Forceps, serrated, straight, working length 18 cm	1
7.	Miniature Forceps, through-cutting, with fine flat jaws, bite 1 mm, curved up, working length 18 cm	1
8.	Miniature Forceps, through-cutting, with fine flat jaws, bite 1 mm, straight, working length 18 cm	1
9.	Miniature Forceps, through-cutting, with fine flat jaws, bite 1 mm, curved up, working length 15 cm	1
10.	Miniature Nasal Forceps, with extra fine flat jaws, through-cutting, for tissue-sparing, sheath curved 30°, straight jaws, width of cut 1.5 mm, with cleaning connector, working length 13 cm	1
11.	Hook, 90°, blunt, length 25 cm, with round handle	1
12.	Seeker, angled 45°, with ball end, diameter 1 mm, length 25 cm	1
13.	Seeker, 90°, with ball end, diameter 1 mm, length 25 cm	1
14.	Dissector, sharp, tip angled 15°, with round handle, size 2 mm, length 25 cm	1
15.	Dissector, sharp, slightly curved spatula, tip angled 15°, size 1 mm, with round handle, length 25 cm	1
16.	Micro Raspatory, single curved to left, width 2 mm, length 25 cm	1
17.	Micro Raspatory, single curved to right, width 2 mm, length 25 cm	1
18.	Curette, round wire, ID 3 mm, tip angled 45°, with round handle, length 25 cm	1
19.	Ring- Curette, round wire, ID 3 mm, tip laterally angled 90°, with round handle, length 25 cm	1
20.	Curette, round spoon, tip slightly angled, size 2 mm, with round handle, length 25 cm	1
21.	Curette, round spoon, tip slightly angled, size 3 mm, with round handle, length 25 cm	1
22.	Scalpel, with telescopic blade, Micro-knife, pointed	1
23.	Scalpel, with telescopic blade, Micro-knife, sickle-shaped	1
24.	Grasping forceps, bayonet-shaped, 0.5 mm, smooth, working length 10 cm	1
25.	Forceps, bayonet-shaped, spoon, 2 mm, working length 10 cm	1
26.	Forceps, bayonet shaped, 4 mm, spoon, working length 10 cm	1
27.	Micro Scissors, horizontal, bayonet-shaped, sharp/sharp, straight, working length 10 cm	1
28.	Micro Scissors, bayonet-shaped, sharp/sharp, left curved, working length 10 cm	1
29.	Micro scissors, bayonet shaped, sharp/sharp, jaw curved to right, working length 10 cm	1
30.	Telescope 0°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated.	1
31.	Telescope 30°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated.	1
32.	Suction and Irrigation System	1

33.	Tubing Set	10
34.	irrigation sheath 0° for use with Ø4mm telescopes.	1
35.	irrigation sheath 30° for use with Ø4mm telescopes	1
36.	Bipolar Forceps, with fine jaws, width 1 mm, distally angled 45°, vertical closing, diameter 3.4 mm, working length 20 cm	1
37.	Bipolar High Frequency Cord,	1
38.	Suction & Irrigation System	1
39.	Sterilization Tray for Instruments	1
40.	Tray for cleaning, sterilization and storage of two rigid endoscopes and one light cable. Including holder for adaptors, silicone telescope holders and lid. External dimensions (w x d x h): 352 x 125 x 54 mm. For rigid endoscopes with up to 10mm diameter and 20cm working length.	1
	Endoscopic Third Ventriculostomy Set	
1.	Ventriculoscope with Wide Angle Straight Forward Telescope 6°, angled eyepiece, outer diameter 6.1 mm, length 18 cm, working channel diameter 2.9 mm, irrigation / suction channel diameter 1.6, autoclavable, fiber optic light transmission incorporated	1
2.	Operating sheath for ventriculoscope outer diameter 6.8 mm, working length 13.3 cm	1
3.	Obturator	1
4.	Scissors, single action jaws, pointed, diameter 2 mm, working length 30 cm	1
5.	Biopsy Forceps, both jaw parts movable, Ø 2.0 mm, working length 30 cm	1
6.	Ventriculostomy Forceps, diameter 2.0 mm, working length 30 cm	1
7.	Grasping Forceps with teeth, 2.0 mm, working length 30 cm	1
8.	Biopsy Forceps, single action jaw part, 2.7 mm ø, working length 30 cm	1
9.	Biopsy Forceps, double action jaws, flexible, diameter 1 mm, working length 30 cm	1
10.	Ventriculostomy Forceps, diameter 1.0 mm, flexible, working length 30 cm	1
11.	Coagulating Electrode, bipolar, 5 Fr.	1
12.	Adaptor, autoclavable, facilitates changing of telescopes in sterile conditions	1
13.	Holding System, autoclavable, with quick release coupling	1
14.	Guillotine Knife, outer diameter 2.7 mm, working length 30 cm	1
15.	Bipolar High Frequency Cord	1
16.	Plastic Container for Sterilizing and Storage Two level	1
17.	Endoscopic Third Ventriculostomy Set	
1.	Ventriculoscope with Wide Angle Straight Forward Telescope 6°, angled eyepiece, outer diameter 3.6 mm, length 18 cm, working channel diameter 1.6 mm, irrigation / suction channel diameter 0.8, autoclavable, fiber optic light transmission incorporated	1
2.	Operating sheath for ventriculoscope outer diameter 4.5 mm, working length 13.3 cm	1
3.	Obturator	1
4.	Scissors, single action jaws, pointed, diameter 1.3 mm, working length 30 cm	1
5.	Biopsy Forceps, both jaw parts movable, Ø 1.3 mm, working length 30 cm	1
6.	Ventriculostomy Forceps, diameter 1.3 mm, working length 30 cm	1
7.	Grasping Forceps with teeth, 1.3 mm, working length 30 cm	1
8.	Biopsy Forceps, single action jaw part, 1.3 mm ø, working length 30 cm	1
9.	Biopsy Forceps, double action jaws, flexible, diameter 1 mm, working length 30 cm	1
10.	Ventriculostomy Forceps, diameter 1.0 mm, flexible, working length 30 cm	1
11.	Coagulating Electrode, bipolar, 5 Fr.	1
12.	Adaptor, autoclavable, facilitates changing of telescopes in sterile conditions	1
13.	Holding System, autoclavable, with quick release coupling	1

- | | | |
|-----|--|---|
| 14. | Guillotine Knife, outer diameter 1.3mm, working length 30 cm | 1 |
| 15. | Bipolar High Frequency Cord | 1 |
| 16. | Plastic Container for Sterilizing and Storage Two level | 1 |
| 17. | holding system autoclavable with quick release coupling KS lock with rotation socket,article stand ,clamping jaw | |

Endoscopic Shunt Placement

- | | | |
|----|--|---|
| 1. | Miniature straight forward telescope 0°, Diameter 1 mm, length 16 cm, semi rigid 1 with remote eye piece and light connection, LUER-lock , Adaptor Fibre optic light Transmission incorporated including protective Tube | 1 |
| 2. | Examination Sheath outer diameter 1.3 mm working length 16 cm with blend 1 obturator,1 LUER- lock adaptor, for use with miniature endoscope. | 1 |
| 3. | Metal Tray for cleaning and sterilization | 1 |
| 4. | Trolley : from same manufacture to accommodate all of equipment | |

Standard Terms & Conditions:

1. **Hands on training:**
The firm will also ensure hands on training of one neurosurgeon at a dedicated hospital for at least one week and it must include both cranial and spinal applications on patients in operation theater settings.
All expenses will be responsibility of firm.
2. Comprehensive operational & maintenance training of concerned doctors, staff and Electromedical engineer / technicians for two weeks will be provided by local firm.
3. Warranty: The vendor will be responsible for FOC maintenance of the equipment including parts and service for the period of 5 years. Detailed warranty terms and conditions are mentioned below.
4. List of equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual.
5. The firm should have more than 05 years experience in concern line of business.
6. Firm must arrange demo unit of quoted model at the time of technical evaluation
7. Sole distribution in original must be attached with technical bid otherwise bid will be ignored at tender opening.
8. Firm should have certified company trained engineers who must be trained on quoted system.(certificates must be attached with technical bid)
9. A comprehensive list of above said units installed in reputable hospitals along with after sale service infrastructure in Rawalpindi / Islamabad will be provided.(list must be attached with technical bid)
10. Original manufacturer's service manuals, operational manual and brochure of quoted model with detailed specifications must be provided by the firm. Net generated brochure will not be acceptable.
11. POF reserves the right to reject any firm's offer on the basis of quality/ services issues
12. Firm to guarantee the supply of spare parts up to 10 years on as and when required basis
13. Standardization: FDA and CE
14. Power Supply: 220 V AC \pm 10%, 50 Hz.
15. Country of Origin: Europe/USA/Japan/UK

SPECIAL CONDITIONS

1. STANDARD ACCESSORIES THE COST OF WHICH IS COVERED IN BASIC UNIT SHOULD BE CLEARLY INDICATED AND LISTED AS A PART OF BASIC EQUIPMENT.
2. OPTIONAL ACCESSORIES, IF AT ADDITIONAL COST, SHOULD BE SHOWN SEPARATELY.
3. THE LIST AND PRICE OF RECOMMENDED SPARE PARTS REQUIRED FOR THREE YEARS TROUBLE FREE OPERATION SHOULD BE QUOTED.
4. EQUIPMENT WILL BE INSTALLED AND COMMISSIONED AT POF HOSPITAL WAH CANTT FREE OF CHARGE.
5. THE FIRM WILL PROVIDE **05 YEARS** WARRAANTY/GUARANTEE OF THE ENTIRE SYSTEM FROM THE DATE OF SUCCESSFUL COMMISSIONING. DURING THIS PERIOD REPLACEMENT OF ANY COMPONENT/PART IF NECESSARY WILL BE MADE BY THE FIRM FREE OF CHARGE IN ADDITION TO FREE SERVICE. THE SUPPLIER SHOULD ALSO CONFIRM THAT THEY HAVE PROPER SERVICES AND CONFIRM THAT THEY HAVE LOCCAL REP. ADDRESS, TELEPHONE/FAX NUMBER AND THE CONTACT PERSONS SHOULD BE CLEARLY STATED IN THE QUOTATION AND UNDERTAKING DULY SIGNED BY YOUR LOCAL REP. FOR MAINTAINING AND PROVIDING AFTER SALES SERVICES TO THE EQUIPMENT ON YOUR BEHALF DURING AND AFTER WARRAANTY/GUARANTEE PERIOD MUST BE ENCLOSED.
6. THE FIRM WILL ENCLOSE AN UNDERTAKING TO GUARANTEE FOR SUPPLY OF SPARE PARTS UP TO 10 YEARS AS AND WHEN REQUIRED.
7. CONSUMABLE BEING OFFEREDE FREE OF CHARGE WILL BE IDENTIFIED SEPARATELY.
8. THE FIRM SHOULD MENTION PRODUCT YEAR OF MAUNFACTURING AND REFERENCES WHERE THE QUOTED MODEL IS AVAILABLE/ INSTALLED IN PAKISTAN.
9. THE PAYMENT WILL BE MADE AGAINST L.C. TO BE ESTABLISHED IN FAVOUR OF FOREIGN PRINCIPAL/FIRM. 70% PAYMENT WILL BE MADE AGAINST SHIPPING DOCUMENTS AND BALANCE 30 % ON RECEIPT AND ACCEPTANCE OF MACHINE/EQUIPMENT IN POF.
10. THE SUCCESSFUL BIDDER WILL PROVIDE PERFORMANCE BOND AT THE RATE OF 10% OF FOB VALUE.
11. OEMS HAVING AFTER SALE/BACK-UP SERVICES IN PAKISTAN WILL BE ELIGIBLE TO PARTICIPATE.
12. PERIOD OF VISIT/NO. OF DAYS ALONG WITH NAME OF CITY OF VISITING COUNTRY IS ALSO REQUIRED FOR CALCULATION OF DA. PROVISION OF PAYMENT OF 20/30 % DA OF THE VISITING TEAM WILL BE BORNE BY THE FIRM.

WARRANTY/ GUARANTEE CERTIFICATE

Firm's Name _____

Contract No. _____

1. We hereby guaranty that the goods supplied against the above contract are in all respect in accordance with the relevant specifications and terms of the contract and that the material used, whether or not of our manufacture, are in accordance with the latest approved standard specifications complete, are of good workshop/quality throughout, and that we shall replace free of cost, every article or part thereof which before use or in use, shall be found defective, or not within the limits and tolerance of specification requirements, or in any way not in accordance with the terms of the contract.

2. In case of our failure to replace the defective stores free of cost within the period specified by the purchaser, we will refund the relevant cost.

3. The Warranty/ Guaranty will remain valid for **05 years** after the receipt of stores by the consignee/installation of the equipment.

Signature _____

Name _____

Status in firm _____

Date _____

**BANK GUARANTEE FOR PERFORMANCE ON
JUDICIAL STAMP PAPER OF RS.100/- OR AS
SUITABLE TO THE AMOUNT OF B.G.**

- i) Contract No. _____ Date. _____
- ii) Name of Firm/Contractor _____
- iii) Address of Firm/Contractor _____
- iv) Name of Guarantor _____
- v) Address of Guarantor _____
- vi) Amount of Guarantee Rs. _____
(_____)
(in words)
- vii) Date of Expiry of Guarantee _____

To: The President of the Islamic Republic of Pakistan through the Controller of
Military Accounts (CMA) POFs, Wah Cantt.

Sir,

1. Whereas your goodself have entered into Contract No. _____
_____ dated _____ with Messrs

(Full Name and Address)

hereinafter referred to as our customer and that one of the conditions of the contract is the
submission of unconditional Bank Guarantee by our customer to your goodself for a sum of Rs.

_____ Rupees/FE (as applicable) _____

2. In compliance with this stipulation of the contract, we hereby agree and undertake as under:-
- a. To pay to you unconditionally on demand and/or without any reference to our
Customer and amount not exceeding the sum of Rs. _____
Rupees or FE (as applicable) _____ as
would be mentioned in your written Demand Notice.
 - b. To keep this Guarantee in force till _____
 - c. That the validity of this Bank Guarantee shall be kept **FIVE** clear year ahead of
the original/extended delivery period or the warrantee of the stores which so ever
is later in duration on receipt of information from our Customer i.e. M/S
_____ or from your office. Claim, if any, must
be duly received by us on or before this day. Our liability under this Bank
Guarantee shall cease on the closing of banking hours on the last date of the
validity of this Bank Guarantee. Claim received thereafter shall not be entertained

by us whether you suffer a loss or not. On receipt of payment under this guarantee, this document i.e. Bank Guarantee must be clearly cancelled, discharged and returned to us.

- d. That we shall inform your office regarding termination of the validity of this Bank Guarantee one clear month before the actual expiry date of this Guarantee.
- e. That with the consent of our customer you may amend/alter any term/clause of the contract or add/delete any term/clause to/from this contract without making any reference to us. We do not reserve any right to receive any such amendment/alteration or addition/deletion provided such like actions do not increase our monetary liability under this Bank Guarantee which shall be limited only to or FE (as applicable) Rs._____ (Rupees_____).
- f. That the Bank Guarantee herein before given shall not be affected by any change in the constitution of the Bank or Customer/Seller or Vendor.
- g. That this is an unconditional Bank Guarantee, which shall be encashed on sight on presentation without any reference to our Customer/Seller or Vendor.

Guarantor

Dated: _____

(Bank Seal and Signatures)