

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
ANSARI NAGAR, NEW DELHI: 110 029.  
STORES SECTION (DO)**

**Ref. No. 16/Stores (DO)/Surg/Proprietary/2015-16/FSC**

**Dated 08.09.2015**

**Sub:-** Purchase of **Force Triad Energy Platform on buy back basis** for the department of Surgery, (AIIMS), New Delhi-29, on proprietary basis - Inviting comments thereon.

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The Institute is in the process to purchase **Force Triad Energy Platform on buy back basis** for the department of Surgery, (AIIMS), New Delhi from M/s.Covidien Healthcare India Pvt. Ltd., HR through M/s.Arogya International, Delhi on proprietary basis. The proposal submitted by M/s.Arogya International, Delhi and PAC Certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 21 days giving reference No.16/Stores (DO)/Surg/Proprietary/2015-16/FSC. The comments should be received by office of Sr. Stores Officer (DO), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before 05.10.2015 upto 12.30 p.m., failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**Yours faithfully,**

**SR. STORES OFFICER (DO)**

**Encl: Related documents enclosed.**

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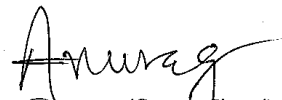
ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
ANSARI NAGAR, NEW DELHI - 110 029


PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item/Type/Model No. required along with specification **Force Triad Energy Platform on buy back basis**
2. Is the item a spare part attachment or accessory for an existing equipment **No**
3. Name of the manufacturers/Supplier of the item proposed by the indenter. **M/s.Covidien, USA / M/s Arogya International, New Delhi**
4. Are they sole manufacturers/sold distributors of the item **Yes**
5. Is there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. **No**  
If the answer is yes, why the same can't be procured. Demanding Officer should bring out comparative functional advantage/cost effectiveness of the recommended item from these offered by other.
6. What were the efforts made to locate alternative source of supply of use other substitutes. **Through internet & no other alternative source for supply of other substitutes**
7. Why open/limited tender can't be resorted to, for locating alternative source. **These are proprietary items of M/s.Covidien, USA**
8. Are the proprietary items certifying that the rates are reasonable or not. **Rates certificate from the firm is enclosed**
9. Any other justification for procuring item from single source. **Three same machine installed in the Surgery OT.**

The above mentioned information is provided by the firm.

Signature of Indenter  
(Demanding Officer)



 (Counter Signed)  
(Head of the Department) VA  
आचार्य एवं विभागाध्यक्ष / Professor & Head  
शल्य चिकित्सा विभाग / Dept. of Surgical Disciplines  
I certify that the item at Sr. No.1 above is required to be procured on single tender basis as the source of supply is definitely known/the specified brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

(Strike our whichever is not applicable)



A R O G Y A

15<sup>th</sup> Jul, 2015

To,

**The Head,  
General Surgery Department,  
All India Institute of Medical Sciences,  
Ansari Nagar, Delhi.**

Subject: **Buy Back proposal for Covidien ForceTriad Energy Platform (Proprietary Ligasure Technology)**  
Reference: **Covidien ForceTriad bearing serial number: T9F12459E, installed in O.T. No. 5 of General Surgery department**

Dear Sir/Madam,

This refers to Covidien ForceTriad RF generator installed in General Surgery department; the aforesaid equipment is estimated to be over 7 years old, currently not in working condition.

We need to bring to your notice:

- Above said equipment was repaired by us 13 times since installation without any charge as a part of goodwill.
- Current repair charges of the aforesaid generator will be approx. Rs.2,00,000/-.
- Equipment is out of warranty or CMC/AMC contract.
  - CMC cost for 1 year will be Rs.1,96,266/-; quote attached.
  - CMC cost for 5 years will be Rs.11,05,786.76; quote attached.
- Total cost to bring the machine back in to working condition along with 5years CMC will be Rs.13,02,052.76/- to institution.

With reference to above stated, we would like to propose a buy-back offer of the old, non-working machine, to be replaced with new one, benefits of the same:

- Department will continue to work on proprietary ValleyLab LigaSure technology.
- Hardware accessories (new) will be provided as a part of package.
- All electrosurgical accessories & lap/open vessel-sealing instruments currently with department will be compatible with the new machine.

Further, as a part of goodwill gesture under this buy-back offer, we are pleased to provide:

- A buy-back discount of Rs.2,20,000/- (Two lac twenty thousand only) against 7years old, non-working machine (depreciated value estimated by our service team)
- 5 years warranty
- FOC vessels sealing instruments (2 units)
- Latest software pre-installed in the equipment that will enhance the performance of old vessel-sealing instruments and allows user to use advance vessel-sealing instruments.

**Arogya International**

303/D-6, Kumar House,  
Central Market, Prashant Vihar,  
Delhi-110085 India  
Tel. : (011) 27555433  
Fax : (011) 27555233  
E-mail : vvv124@gmail.com

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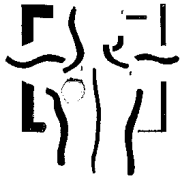
A R O G Y A

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| S. No.   | Code           | Description   | Qty. | Price INR           |
|--|----------------|---|------|---------------------|
| 1  | TForceTriadGen | <b>ForceTriad Generator</b><br>- Monopolar Cut & Coagulation, Bipolar and Vessel Sealing technology all integrated in one system.<br>- 3 independent LCD touch screen display for monopolar, bipolar and Vessel sealing technology<br>- Tissue sensing technology at least 3333 decisions per second on real time basis<br>- Vessel Fusion system seal artery, veins along with tissue bundle up to 7mm in diameter<br>- Performance Efficiency Rating (PER) - 95-99 in different modes<br>- Monopolar outputs: Pure cut for clean, precise cut in general surgery having maximum power of 300 W. Blend mode for cutting with homeostasis having maximum power of 200 W.<br>- Coagulation modes: maximum power of 120 W, Fulgurate and spray mode.<br>- 3 bipolar modes with maximum power of 95W.<br>- Auto Bipolar start and stops where users can set the Auto start delay time and Auto Stop impedances range.<br>- Seal vessels or tissue bundles faster than any conventional devices (2-4 seconds)<br>- USFDA approved<br>- Meet IEC60601-1, IEC60601-1-2 & IEC 60601-2-2 requirements | 01   |                     |
| 2  | TE6008B        | Monopolar Footswitch for ForceTriad   | 01   |                     |
| 3  | TE6009         | Bipolar Footswitch for ForceTriad   | 01   |                     |
| 4  | TLS0300        | Ligasure Vessel sealing Footswitch for ForceTriad   | 01   |                     |
| 5  | TE0017         | Universal Monopolar adaptor for ForceTriad  | 01   |                     |
| <b>A. Total cost of the equipment with 5 years warranty</b>                      |                |   |      | <b>20,70,000.00</b> |
| <b>Vessel sealing accessories under rate contract Tender No .126/H/2013-2014</b> |                |   |      |                     |
| 6  | LF 1212        | <b>LigaSure Small Jaw Open Instrument</b><br>Dolphin tip Curved Jaw (16.5mm seal) scissor type, 20 cm vessel sealer and divider instrument, used for vessels up to 7 mm for open surgeries.   | 01   | 37462.00            |
| 7  | LF 1637        | <b>LigaSure Blunt Tip Laparoscopic Instrument</b><br>Laparoscopic Vessel sealing devices; 5 mm Blunt tip 37 cm double action jaw laparoscopic vessel sealer and divider instrument ,used for vessels up to 7 mm.  | 01   | 40000.00            |
| <b>B. Total cost of vessel sealing accessories</b>                               |                |   |      | <b>77,462.00</b>    |
| <b>Total Cost (A + B)</b>  |                |   |      | <b>21,47,462.00</b> |
| <b>LESS : Buy-back discount on old, non-working machine</b>                      |                |   |      | 2,20,000.00         |
| <b>LESS: Vessel sealing accessories – S.no. 6 &amp; 7 given as FOC</b>           |                |   |      | 77,462.00           |

**Arogya International**

303/D-6, Kumar House,  
 Central Market, Prashant Vihar,  
 Delhi-110085 India  
 Tel. : (011) 27555433  
 Fax : (011) 27555233  
 E-mail : vv124@gmail.com



A R O G Y A

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|  |  |                     |
|--|--|---------------------|
|  | Net Value before taxes                                     | 18,50,000.00        |
|  | Vat @ 5%   | 92,500.00           |
|  | <b>TOTAL COST OFEQUIPMNET ANDASSESSORIES INCLUDING VAT</b> | <b>19,42,500.00</b> |

**Terms and Conditions:**

- Delivery F.O.R. stores.
- 5years CMC after warranty on TForceTriadGen-**Rs. 4,33,200 (inclusive of taxes)**
- Buy Back value is valid till 31<sup>st</sup> December 2015.
- 100% payment against delivery, inspection and satisfactory installation.

We look forward to your continuous patronage towards Covidien (now Medtronic) products.

Best Regards

For Arogya International

Authorized Signatory

**Arogya International**

303/D-6, Kumar House,  
Central Market, Prashant Vihar,  
Delhi-110085 India  
Tel. : (011) 27555433  
Fax : (011) 27555233  
E-mail : vvv124@gmail.com

Page 3 of 3



Covidien Healthcare India Private Limited  
 Service Department  
 10th Floor, Building No-9B  
 DLF Cyber City, Phase III, Gurgaon, Haryana 122002  
 Tel: 91-124-4709800  
 Fax: 91-124-4206850  
 www.covidien.com  
 CIN: U51397HR2002FTCD40216

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**CMC QUOTATION**

Ref No. **COV/CMC/AIIMS/09072015** 09-07-2015  
 To **ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)**  
 Address **ANSARI NAGAR, EAST GAUTAM NAGAR, NEW DELHI-110029**  
 Department **OT-5**  
 Tel No  
 Fax/Email

**SUBJECT : Comprehensive Maintenance Contract Quotation**

| Product Code | Product Description                     | Serial no. | Year     | Model       | Currency | Price(EA) | TOTAL  | Svc Tax @14% ON 70% OF TOTAL AMOUNT | CST @8% ON 70% OF TOTAL AMOUNT | TOTAL With Tax   |
|--------------|---|------------|----------|-------------|----------|-----------|--------|-------------------------------------|--------------------------------|------------------|
| TSVAMCHW     | Comprehensive Maintenance Contract - HW | T9F12459E  | 1st Year | Force Triad | INR      | 175000    | 175000 | 17150.00                            | 6125.00                        | 198275.00        |
| TSVAMCHW     | Comprehensive Maintenance Contract - HW | T9F12459E  | 2nd Year | Force Triad | INR      | 192500    | 192500 | 18865.00                            | 6737.50                        | 218102.50        |
| TSVAMCHW     | Comprehensive Maintenance Contract - HW | T9F12459E  | 3rd Year | Force Triad | INR      | 211750    | 211750 | 20751.50                            | 7411.25                        | 239912.75        |
| TSVAMCHW     | Comprehensive Maintenance Contract - HW | T9F12459E  | 4th Year | Force Triad | INR      | 232925    | 232925 | 22826.65                            | 8152.38                        | 263904.03        |
| TSVAMCHW     | Comprehensive Maintenance Contract - HW | T9F12459E  | 5th Year | Force Triad | INR      | 256218    | 256218 | 25109.36                            | 8967.63                        | 290294.99        |
|              |   |            |          |             |          |           |        |                                     |                                | Rs. 12,16,489.27 |

**TERMS & CONDITIONS :**

- Above Contract is effective from 09/07/2015 to 08/07/2020
- Payment : payment yearly after invoice.
- Equipment to be in working condition, prior to entering into the service contract.
- Two no. of PM's to be provided within one year of contract and any no. of breakdown calls would be attended.
- Include cost of Spare parts if required to be replaced. However consumables and disposable if needed would charged extra.
- Any other duty apart from sales tax will be charged extra if applicable.
- The quoted price is 10% of the total price of the equipment. If you have any other price than let
- Quote Validity : 6 Months

Please feel free to contact us If you have any query related to the above.

Thank You we look forward to getting your valued order.

For Covidien Healthcare India Pvt Ltd



NL SHARMA  
 Technical Service Engineer  
 Cell No. 9873174207  
 Toll No. 1800-102-9800  
 Email ID : Techservice.ISC@covidien.com / nl.sharma@covidien.com



COVIDIEN

Date: 8th July, 2015



## Proprietary Article Certificate

This is to certify that "FORCETRIADGEN - Force Triad Generator" is the proprietary products of M/s Covidien llc, 15 Hampshire Street, Mansfield, MA 02048 USA.

The product design and specifications are the proprietary of and controlled by Covidien LLC, 15 Hampshire Street, Mansfield, MA 02048, USA.

For Covidien Healthcare India Pvt. Ltd  
Sincerely,



**Pragati Srivastava**  
**Regulatory Affairs Specialist – Indian Subcontinent**

COVIDIEN HEALTHCARE INDIA PVT LTD  
CIN: U51397HR2002FTC040216

04TH FLOOR, TOWER A & B,  
SAS TOWER,  
MEDANTA THE MEDICITY COMPLEX,  
SECTOR-38, GURGAON-122001,  
HARYANA, INDIA

91-124-4709800 [T] WWW.COVIDIEN.COM  
91-124-4206850 [F]

**Technology and Key Components:**

- The system should have Monopolar Cut & Coagulation, Bipolar and Vessel Sealing technology all integrated in one system.
- The System should have user friendly 3 independent LCD touch screen (of at least 5.7inches diagonally) display for monopolar, bipolar and Vessel sealing technology, with auto LCD Backlight adjustment for good visibility in operating room.
- The equipment should have Microcontroller based device incorporating closed loop control coagulation for all output modes in the microcontroller firm wire.
- The equipment should incorporate tissue sensing technology at least 3333 decisions per second on real time basis and it should have the technology to convert electrical energy to radiofrequency energy thus providing radiofrequency seal. It should also identify the tissue impedance and adjust power accordingly to get the desired surgical effect on various tissue types.
- Vessel Fusion system should be able to seal artery, veins along with tissue bundle up to 7mm in diameter, sealed vessels should be able to withstand 3 times the cystolic blood pressure.
- The Performance Efficiency Rating (PER) should be between 95-99 in different modes.
- Low Frequency Leakage should be between 50-60 Hz.
- High frequency leakage (RF) should be less than 100mA in monopolar and vessel sealing mode and less than 60mA in bipolar mode.
- The system should have RS232, USB, Ethernet port or any other computer connectivity for on field software downloads upgrades and serviceability.
- The system should have recall facility to recall the last setting used by user before turning off the power.
- The system should be upgradeable or should have bipolar resection (under water cutting).
- The system should be compatible with Argon, CUSA & Da Vinci robotic systems.
- It should be supplied with the mounting cart manufactured by the same manufacturer of the system.

**Monopolar and Bipolar**

- The system with separate monopolar mode that gives optimum cutting and coagulation will be preferred.
- The system should have twin monopolar socket with independent power setting but only one can be activated at a time. The system should also have one universal adaptor socket for footswitch operation and one bipolar socket.
- Monopolar outputs should have minimum two cutting modes: -
  - o Pure cut for clean, precise cut in general surgery having maximum power of 300 W.
  - o Blend mode for cutting with homeostasis having maximum power of 200 W.
- It should have minimum two Coagulation modes with maximum power of 120 W.
  - o Fulgurate mode for efficient non-contact coagulation in most applications.
  - o Spray mode should have effect of varying amplitude and frequency for coagulating large tissue areas with minimum depth of necrosis.

*Anurag*  
 Dr. ANURAG KUMAR STAVA  
 & Head  
 ipines  
 I.S.  
 अंसारी नगर, नई दिल्ली-25/Ansar Nagar, Delhi-25



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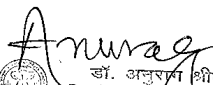
- It should have minimum 3 bipolar modes with maximum power of 95W.
  - o Standard, Low & Macro
- The Equipment should have On Screen review of error codes and diagnostics.
- The Equipment should have the following Alert Tones :-
  - o Patient Pad monitoring Error Alert
  - o Reactivate/Regrasp Tissue Error Alert
  - o Instrument Checking Alert
  - o Complete or Incomplete Seal Alert
  - o Malfunctioning or System Error Alert
- It should have patient plate contact quality monitoring system, should give audiovisual alarm and deactivate output if contact between patient and patient plate is not proper to eliminate the risk of patient burns.
- The System should have Auto Bipolar start and stops where users can set the Auto start delay time and Auto Stop impedances range. User Time delay in intervals of 0.5seconds from 0 to 2.5seconds. Activation impedance 20-1000 Ohms.

**Vessel Sealer:**

- Vessel sealing system should have the user control mechanism so that the surgeon can decide for a repeat seal before actually cutting it or even not cutting it. (No Auto-Cut)
- The system should be able to Seal vessels or tissue bundles faster than any conventional devices (preferably within 2-4 seconds).
- All Laparoscopic instruments should have facility for both 5 mm and 10 mm and should have a blade for instant cutting.
- The system should have following vessel sealing instruments:
  - o Dolphin tip Curved Jaw (16.5mm seal) scissor type, 20 cm vessel sealer and divider instrument, used for vessels up to 7 mm for open surgeries.
  - o Laparoscopic Vessel sealing devices; 5 mm Blunt tip 37 cm double action jaw laparoscopic vessel sealer and divider instrument, used for vessels up to 7 mm.

**Certification:**

- The Equipment Should be USFDA approved.
- System should meet IEC60601-1, IEC60601-1-2 & IEC 60601-2-2 requirements.

  
डॉ. अनुराग श्रीवास्तव  
DR. ANURAG SRIVASTAVA  
Senior Lecturer, Professor & Head  
राज्य विधि विद्यापीठ, दिल्ली  
अखिल भारतीय वैद्यकीय विद्यापीठ, दिल्ली  
असाही नगर, चंडी दिल्ली-29 / Ansari Nagar, New Delhi-29



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Date: 24/07/2015

**To Whomsoever It May Concern**

This is to certify that the product "FORCETRAID – FORCETRIAD GENERATOR" is the proprietary product of Covidien IIC, 15 Hampshire Street, Mansfield, MA 02048 USA.

The key Features of the Device are as follows:

- **Tissue Fect Sensing Technology** is a valleylab controlled system designed to precisely manage energy delivery, creating a range of options for desired tissue effect.
- **Valleylab mode:** This mode provides a unique combination of monopolar hemostasis and dissection.
- **Ligasure technology:** Ligasure tissue fusion technology permanently fuses vessels up to and including 7mm, lymphatics, pulmonary vasculature and tissue bundles.

The Product design and specifications are the property of and controlled by Covidien IIC, USA.

For Covidien Healthcare India Pvt. Ltd.

Sincerely,



Pragati Srivastava  
Regulatory Affairs Specialist- Indian Sub-Continent

COVIDIEN HEALTHCARE INDIA PVT LTD  
CIN: U51997HR2002PTC010216

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