

12-07-2017

Amendment No. 1**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/09/NRSG/2017-18 dated 20-06-2017**

The following changes are being incorporated in the above referred Tender Enquiry Document

**Section I
Notice Inviting Tender**

| Sl. No. | Rfx No. | Item Description | Remarks |
|---------|------------|---|--|
| 1 | 3000002047 | Neuro Endoscopy System brain & spine | Items kept on hold; revisions in technical specifications likely to take place. The same will be notified later. |
| 3 | 3000002049 | Intra-operative ultrasound with transcranial doppler system | |
| 4 | 3000002050 | Neuro Navigation System with Brain & Spine Attachment | |
| 8 | 3000002054 | Mobile Surgical C-Arm with DSA | |

**Section VII
Technical Specification**

| SCH 02. High Speed Electrical Drill system | | |
|---|--|--|
| Para | TENDER SPECIFICATION | READ AS |
| 01 | Universal High Speed Electrical Drill system with Variable speed setting with maximum speed of upto 70,000 rpm or more. | Universal High Speed Electrical Drill system with Variable speed setting with maximum speed of 70,000 rpm or more. |
| 06 | Should have customizable settings like Acceleration and stopping characteristics for individual motors, oscillation angle. | Should have customizable settings like Acceleration and stopping characteristics for individual motors, oscillation cpm |
| 07 | Should have single pedal foot control for varying the speed and forward & reverse rotation. | Should have pedal foot control for varying the speed and forward & reverse rotation. |
| 19 | Weight of the hand piece should be 50gm – 100gm | Deleted |
| II.A.'ii | Disposable cranial perforators for adult and pediatric sizes (10 each) to be supplied. (Price should be quoted seperately) | Disposable cranial perforators for adult and pediatric sizes (10 each) OR Reusable 1 no to be supplied. (Price should be quoted separately) |

| | | |
|----------|---|---|
| II.C.iii | Ten sets of necessary blades to be supplied. (price of disposable blades should be quoted seperately) | Oscillating and reciprocating blades (10 disposable each or 1 reusable each) to be supplied |
| | BOQ | BOQ |
| 2.a | Disposable cranial perforators: Adult - 10 nos | Disposable cranial perforators: Adult - 10 nos OR Reusable cranial perforators: Adult - 1 nos |
| 2.b | Disposable cranial perforators: Pediatric - 10 nos | Disposable cranial perforators: Pediatric - 10 nos OR Reusable cranial perforators: Pediatric - 1 nos |
| 4 | Osteotomy saw set (Optional) - 1set | 4.Osteotomy oscillating and reciprocating saw set (Optional) - 1 set each |
| 4.a | Disposable blades - 20 nos. | 4a. oscillating and reciprocating blades (10 disposable each OR 1 reusable each) |
| 7 | Steel Cutter 1 set | Steel Cutter 1 set(Optional) |
| | | Added para in BOQ |
| | | 8.Perforated SS sterilization basket (Optional) - 1 no |

| SCH 05.Intra operative neurophysiological monitoring system | | |
|--|---|--|
| PARA | TENDER SPECIFICATION | READ AS |
| 3 | Independently controlled high level stimulators driving 12 stimulator sites and 1 dedicated low level stimulator and should have TCMEP stimulator (500-1000)V | Independently controlled high level stimulators driving 8 stimulator sites and 1 dedicated low level stimulator and should have two TCMEP stimulators (500-1000)V |
| 4 | Sample rate/ channel should be 12,000 Hz or better. | Sample rate/ channel should be 5,000 Hz or better. |
| 8 | Lower cranial nerve stimulator integrated into the endotracheal tube (Optional-price to be quoted seperately) | Deleted |
| 15)c | Disposable Subdermal Needles - 200 Nos. | Disposable single Subdermal Needles (1.5m) - 200 Nos. Disposable twisted Subdermal Needles (1m) - 200 Nos. |
| 15 h) | Ten 20 Paste - 10 Nos | Conductive paste (200gms or more)-10 Nos. |
| 15 i) | Nu Prep Gel 05 - Nos | Prepping Gel (100gm or more)-05 Nos |

| | | |
|----|---|---|
| 17 | Laptop with latest Intel Core i7, 8 GB RAM, 1 TB or better Hard drive, DVD writer, Windows based or suitable operating system must be provided. | Laptop with latest Intel Core i5 or better, 8 GB RAM, 1 TB or better Hard drive, DVD writer, Windows based or suitable operating system must be provided. |
| | BOQ | BOQ |
| 6 | Lower cranial nerve stimulator integrated into the endotracheal tube (Optional-price to be quoted separately)- 1 Nos | Deleted |
| 13 | Disposable Subdermal Needles - 200 Nos. | 13a.Disposable single Subdermal Needles (1.5m) - 200 Nos. 13b.Disposable twisted Subdermal Needles (1m) - 200 Nos. |
| 18 | Ten 20 Paste 10 Nos. | Conductive paste (200gms or more)-10 Nos. |
| 19 | Nu Prep Gel - 5 Nos | Prepping Gel (100gm or more)- 05 Nos |

| SCH 06. Neurosurgical Operating Microscope | | |
|---|---|--|
| PARA | TENDER SPECIFICATION | READ AS |
| G.1 | Contravis stand technology | Counterweight balance technology |
| H | INTEGRATED DIGITAL VIDEO CAMERA SYSTEM: | |
| 3 | Should be capable of doing video speed focus for impendent focusing apart from microscopic focus. All imaging to be DICOM compatible. Should provide hardware and software for DICOM compatibility. | All imaging to be DICOM compatible. Should provide hardware and software for DICOM compatibility. |
| J | VIDEO/ IMAGE DATA MANAGEMENT SYSTEM: | |
| | Should have attached video recording system & Still photo in the microscope stand with internal HDD of at least 2 TB, and high speed DVD writer/USB. | Should have attached video recording system & Still photo in the microscope stand with internal HDD of at least 1 TB, and high speed DVD writer/USB. |
| K.1 | Medical grade 19" Touch screen Colour LCD display should be mounted on Microscope stand. | Medical grade 19" or more Colour LCD/LED display should be mounted on Microscope stand. |
| L.2 | Manufacturer certificate for ALA upgradation capability for the quoted model to be submitted along with the bid. | Deleted |
| N.2 | Disposable drapes for microscopes- 250nos. Price of drapes should be fixed during the warranty period | Disposable drapes for microscopes- 250nos. |
| | | Added Para |
| | | BOQ |
| | | 6. Mouth control (Optional) 1 nos |

| | |
|--|---|
| | 7. Image guided neurosurgery facility - 1 nos |
|--|---|

| SCH 07. Patient Warming system | | |
|---------------------------------------|---|---|
| PARA | TENDER SPECIFICATION | READ AS |
| 2 | Should have Two Air flow setting for the air flow 48cfm / 32cfm for adult and infant patient in same machine. | Should have Two Air flow setting for the air flow 48cfm /49.9cfm/ 32cfm for adult and infant patient in same machine. |
| 5 | Should have over temperature sensor at the end of the Hose. | Should have over temperature sensor |
| 8 | Three heater elements to eliminate flicker of OR lighting. | Deleted |
| 10 | Should have High Efficiency Air Filter of 0.2 Micro size. | Should have High Efficiency Air Filter of 0.3 Micro size or better |

| SCH 09. LED Head Light | | |
|-------------------------------|---|---|
| Para | TENDER SPECIFICATION | READ AS |
| 8 | white light of 1,00,000 lux intensity. Color temperature should be less than 6000K. | white light of 60,000 lux intensity. Color temperature should be less than 6000K. |
| 10 | Battery should run atleast 5 hrs. or more. | Battery should run atleast 4 hrs. or more. |

| SCH 10. ULTRASONIC ASPIRATOR | | |
|-------------------------------------|---|---|
| PARA | TENDER SPECIFICATION | READ AS |
| 3.4 | The vacuum pump should provide preferable the suction of > 580mm of Hg. | The vacuum pump should provide preferable the suction of > 500mm of Hg. |
| 3.10 | Standard (short & long), micro precision (short & long) and bone sculpting reusable handpieces - 1 each should be supplied.(Angled) | Standard (short & long), micro (short & long), precision (short & long) handpieces - 1 each or Universal handpiece with all mentioned tips and bone sculpting reusable handpiece should be supplied |
| 4.1.4 | Double foot switch-1 | Foot switch- 1 nos |
| 4.1.8 | Autoclavable compatible instrument tray - 5 nos. | Autoclavable compatible instrument tray - 2 nos. |

| | | |
|------------|--|---|
| 4.1.9 | Protective cover-4 pieces. | Deleted |
| 5.3 | Comprehensive training for 2 surgeon and 2 assistant services till familiarity with the supplied system. | Comprehensive training for 2 surgeon and 2 assistant services till familiarity with the supplied system at site |
| | BOQ | BOQ |
| 5 | Double foot switch 1 nos | Foot switch-1 nos |
| 8 | Instrument connection cables | Deleted |
| 9 | Autoclavable compatible instrument tray 5 nos | Autoclavable compatible instrument tray - 2 nos |
| 11 | Protective cover-4 pieces. 4 Nos. | Deleted |

| SCH 11. OT Table Electro Hydraulic | | |
|---|---|--|
| PARA | TENDER SPECIFICATION | READ AS |
| A.4 | 100% Kidney Bridge position should be obtained without moving the patient, through remote Control by using extension/break function. | 100% Kidney Break position should be obtained without moving the patient, through remote Control by using extension/break function. |
| A.8 | The robust handset should offer 8 controls namely Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension and Height functions. One button auto levelling should be available | The robust handset should offer controls for Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension, horizontal sliding and Height functions. One button auto levelling should be available |
| B.1 | Special-design, maintenance-free rechargeable batteries with capacity for about a week's use in the operating room. | Special-design, maintenance-free rechargeable batteries with capacity for about a week's or more than 50 positions use in the operating room |
| C.4 | Maximum height (without mattress): Minimum of 1050 mm | Maximum height (without mattress): Minimum of 1000 mm or more |
| C.8 | Head section adjustment : -90 deg to + 60 deg | Head section adjustment : -90 deg to + 45 deg |
| C.12 | Cranial & caudal traversing: 200-300 mm | Horizontal sliding: 200 mm or more |
| C.13 | Back section adjustment: -30 deg to +90 deg | Back section adjustment: -30 deg to +80 deg |
| | BOQ | BOQ |
| 11 | Accessories for operating in prone (including a radioluscent Wilson frame), sitting & lateral position 1 set | Accessories for operating in prone (including a radioluscent Wilson frame) - 1set |

All other contents of the tender enquiry including terms & conditions remain unaltered.

Note:

- i. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids**

| Prebid-Representations (Pre-Bid date: 30.06.2017) | | | |
|---|---|--|--|
| HITES/PCD/PMSSY-III/09/NRSG/17-18 | | | |
| SCH 02. High Speed Electrical Drill system | | | |
| Para | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
| 01 | Universal High Speed Electrical Drill system with Variable speed setting with maximum speed of upto 70,000 rpm or more. | Maximum upto 75,000 rpm or more As discussed in prebid | Amended as: Universal High Speed Electrical Drill system with Variable speed setting with maximum speed of 70,000 rpm or more. |
| 06 | Should have customizable settings like Acceleration and stopping characteristics for individual motors, oscillation angle. | Oscillating angle which has been mentioned is wrong, it's oscillation speed in cpm for saw. As discussed in prebid | Amended as: Should have customizable settings like Acceleration and stopping characteristics for individual motors, oscillation cpm |
| 07 | Should have single pedal foot control for varying the speed and forward & reverse rotation. | it should be double pedal foot control for simuntaneous usage of forwarda nd reverse speed, and it should also control irrigation | Amended as: Should have pedal foot control for varying the speed and forward & reverse rotation. |
| 14 | A perforated sterilization basket of SS should be supplied. The sterilization basket should have racks to hold the cables, motor and various hand pieces (Optional- Price should be quoted separately)" | There should be provision for separate sheet in price bid to quote for optional products. | Added in BOQ |
| 19 | Weight of the hand piece should be 50gm – 100gm | there are two types of technology availble, one is hand piece with has attached cable for that weight is 300 to 350 grms and other is which has separate cabel and seprate hand piece for that weight is 100 to 150 grms, so we will request that both the provisions should be given. | Deleted |
| II.A. 'ii | Disposable cranial perforators for adult and pediatic sizes (10 each) to be supplied. (Price should be quoted seperately) | As some compamnies ahs one size for both purposes, so we wou;d request that it should be adult/ pediatic, total 20 no's | Amended as: Disposable cranial perforators for adult and pediatic sizes (10 each) OR reusable 1 no to be supplied. (Price should be quoted seperately) |
| II.B.i | Should have footed attachments (dural guard) for craniotomy in pediatic and adult sizes (one each). | footed/ steering | No change |
| II.C.i | Should be supplied saw system with oscillating and reciprocating attachments necessary to perform cranial osteotomies for skull base, orbital and neurospinal surgeries. | oscillating and reciprocating attachments are separate and dedicated saw hand pieces, so dedicated saw hand pieces i.e. oscillating and reciprocating saws qty 01 each should be asked. | Amended in BOQ point no 4 & 4a 4. Osteotomy oscillating and reciprocating saw set (Optional) - 1 set each 4a. oscillating and reciprocating blades (10 disposable each or 1 reusable each) |

SCH 02. High Speed Electrical Drill system

| Para | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|---|--|
| II.C.iii | Ten sets of necessary blades to be supplied. (price of disposable blades should be quoted seperately) | 10 blades for each type, total 20 no's for two types of saws. | Oscillating and reciprocating blades (10 disposable each or 1 reusable each) |
| | BOQ | | |
| a | Disposable cranial perforators: Adult - 10 nos | Disposable cranial perforators - 20 no's | No change |
| b | Disposable cranial perforators: Pediatric - 10 nos | | No change |
| 7 | Steel Cutter 1 set | | Steel Cutter 1 set(Optional) |

Prebid-Representations (Pre-Bid date: 30.06.2017)

HITES/PCD/PMSSY-III/09/NRSG/17-18

SCH 05.Intra operative neurophysiological monitoring system

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|---|--|
| 3 | Independently controlled high level stimulators driving 12 stimulator sites and 1 dedicated low level stimulator and should have TCMEP stimulator (500-1000)V | The specifications are asking for a feature which is available with specific make. So we request you to delete the point As discussed in prebid | Amended as: Independently controlled high level stimulators driving 8 stimulator sites and 1 dedicated low level stimulator and should have two TCMEP stimulators (500-1000)V |
| 4 | Sample rate/ channel should be 12,000 Hz or better. | The specifications are asking for a feature which is available with specific make. So we request you to amend the point “Sample rate/ channel should be 5,000 Hz or better.” | Amended as: Sample rate/ channel should be 5,000 Hz or better. |
| 8 | Lower cranial nerve stimulator integrated into the endotrachial tube (Optional-price to be quoted seperately) | The specifications are asking for a feature which is available with specific make. So we request you to amend the point “Lower cranial nerve stimulator should have stimulation option for endotrachial area (Optional-price to be quoted seperately)” As discussed in prebid | Deleted BOQ to be changed accordingly |
| 15 a) | Extension Cables - 06 Nos. | The specifications are asking for a item which is not required. So we request you to delete the point. | No change |
| 15)c | Disposable Subdermal Needles - 200 Nos. | As discussed in prebid | Disposable single Subdermal Needles (1.5m) - 200 Nos. Disposable twisted Subdermal Needles (1m) - 200 Nos. BOQ to be changed accordingly |
| 15 f) | Electrode Linkers - 04 Nos. | The specifications are asking for a item which is not required. So we request you to delete the point. | No change |
| 15 h) | Ten 20 Paste - 10 Nos | The specifications are asking for a specific make. So we request you to amend the point “Conductive paste-10 Nos.” | Amended as: Conductive paste (200gms or more)- 10 Nos. BOQ to be changed accordingly |
| 15 i) | Nu Prep Gel 05 - Nos | The specifications are asking for a specific make. So we request you to amend the point “Prepping Gel-05 Nos.” | Amended as: Prepping Gel (100gm or more)-05 Nos BOQ to be changed accordingly |

SCH 05.Intra operative neurophysiological monitoring system

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|--|--|
| 17 | Laptop with latest Intel Core i7, 8 GB RAM, 1 TB or better Hard drive, DVD writer, Windows based or suitable operating system must be provided. | Our OEM PC comes with i5 Processor, so we request you to amend the point as “Laptop with latest Intel Core i5, 8 GB RAM, 1 TB or better Hard drive, DVD writer, Windows based or suitable operating system must be provided.” | Amended as: Laptop with latest Intel Core i5 or better, 8 GB RAM, 1 TB or better Hard drive, DVD writer, Windows based or suitable operating system must be provided. |

Prebid-Representations (Pre-Bid date: 30.06.2017)

HITES/PCD/PMSSY-III/09/NRSG/17-18

SCH 06. Neurosurgical Operating Microscope

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|--|---|
| E | ILLUMINATION SYSTEM: | | |
| 2 | Should have automated illumination Brightness control linked to working distance and magnification. | Should have automated illumination Brightness control linked to working distance and Field of view linked to magnification. Magnification linked illumination is Proprietary feature & specific to one company only. | No change |
| G.1 | Contravis stand technology | As discussed in prebid | Amended as: Counterweight balance technology |
| H | INTEGRATED DIGITAL VIDEO CAMERA SYSTEM: | | |
| 3 | Should be capable of doing video speed focus for impendent focusing apart from microscopic focus. All imaging to be DICOM compatible. Should provide hardware and software for DICOM compatibility. | All imaging to be DICOM compatible. Should provide hardware and software for DICOM compatibility. Independent Camera fine focus is not available with any Manufacturer. As discussed in prebid | Amended as: All imaging to be DICOM compatible. Should provide hardware and software for DICOM compatibility. |
| J | VIDEO/ IMAGE DATA MANAGEMENT SYSTEM: | | |
| | Should have attached video recording system & Still photo in the microscope stand with internal HDD of at least 2 TB, and high speed DVD writer/USB. | Should have attached video recording system & Still photo in the microscope stand with internal HDD of at least 1 TB, and high speed DVD writer/USB. 1 TB HDD is standard with all Manufacturers. | Amended as: Should have attached video recording system & Still photo in the microscope stand with internal HDD of at least 1 TB, and high speed DVD writer/USB. |
| K.1 | Medical grade 19" Touch screen Colour LCD display should be mounted on Microscope stand. | As discussed in prebid | Amended as: Medical grade 19" or more Colour LCD/LED display should be mounted on Microscope stand. |
| L.2 | Manufacturer certificate for ALA upgradation capability for the quoted model to be submitted along with the bid. | As discussed in prebid | Deleted |
| N.2 | Disposable drapes for microscopes- 250nos. Price of drapes should be fixed during the warranty period | As discussed in prebid | Amended as: Disposable drapes for microscopes- 250nos. |
| | | | Added Para |
| | | | BOQ |
| | | | 6. mouth control (Optional) 1 no |

SCH 06. Neurosurgical Operating Microscope

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|-----------------------------|--|---------------------------------------|
| | | | 7. Image guided neurosurgery facility |

Prebid-Representations (Pre-Bid date: 30.06.2017)**HITES/PCD/PMSSY-III/09/NRSG/17-18****SCH 07. Patient Warming system**

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|--|--|
| 2 | Should have Two Air flow setting for the air flow 48cfm / 32cfm for adult and infant patient in same machine. | As discussed in prebid | Amended as: Should have Two Air flow setting for the air flow 48cfm /49.9cfm/ 32cfm for adult and infant patient in same machine. |
| 5 | Should have over temperature sensor at the end of the Hose. | As discussed in prebid | Amended as: Should have over temperature sensor |
| 8 | Three heater elements to eliminate flicker of OR lighting. | As discussed in prebid | Deleted |
| 10 | Should have High Efficiency Air Filter of 0.2 Micro size. | As discussed in prebid | Should have High Efficiency Air Filter of 0.3 Micro size or better |

Prebid-Representations (Pre-Bid date: 30.06.2017)

HITES/PCD/PMSSY-III/09/NRSG/17-18

SCH 09. LED Head Light

| Para | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|---|---|
| 8 | white light of 1,00,000 lux intensity. Color temperature should be less than 6000K. | 60,000 Lux or more, as 1,00,000 lux is required for xenon and for led light source it's very high | Amended as: white light of 60,000 lux intensity. Color temperature should be less than 6000K. |
| 10 | Battery should run atleast 5 hrs. or more. | 4 hrs or more | Amended as: Battery should run atleast 4 hrs. or more. |

Prebid-Representations (Pre-Bid date: 30.06.2017)

HITES/PCD/PMSSY-III/09/NRSG/17-18

SCH 10. ULTRASONIC ASPIRATOR

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------|---|---|--|
| 3.4 | The vacuum pump should provide preferable the suction of > 580mm of Hg. | till 500 mmHg or more | Amended as: The vacuum pump should provide preferable the suction of > 500mm of Hg. |
| 3.10 | Standard (short & long), micro precision (short & long) and bone sculpting reusable handpieces - 1 each should be supplied.(Angled) | Standard (short & long), micro precision (short & long) and bone sculpting reusable hand pieces - 1 each should be supplied. (Angled) OR- Universal Handpiece Straight and Curved 1 (each) should be supplied with Interchangeable Tips comprising of <u>Standard Tip, Micro Tip ,Precision Tips, Bone Sculpting Reusable Tips (Short /Long) 5 Each</u> As you have mentioned above at point no. 2.1, there are two types of systems available, which are as below (i) there are two types of systems, one has different hand pieces with attached tips, others have common hand piece with different tips, so we will request that options should be given to quote either of the types of system available with multiple manufacturers | Amended as: Standard (short & long), micro (short & long) precision (short & long) handpieces - 1 each or Universal handpiece with all mentioned tips and bone sculpting reusable handpiece should be supplied BOQ to be changed accordingly |
| 3.11 | Assorted tips for bone sculpting 10 nos. should be supplied | 1. Assorted tips 10 no's each for Standard (short & long), micro precision (short & long) and bone sculpting should be provided, total 50 no's 2. As you have asked for 5 types in the above mentioned points, where as 10 no's tuips have been asked for only one type, so it should eb asked for all the types as asked above. | No Change |
| 3.12 | The irrigation pump should be inbuilt in the unit, the irrigation output 0-25cc/min or more. | some companies mention the same in cc/min and other mention the same in ml/min, so we will request the range should be given with both the options, it's 3 to 40 ml/min in ml/min termanology | No Change |
| 4.1.4 | Double foot switch-1 | single/ double footswitch | Amended as: Foot switch-1 BOQ to be changed accordingly |
| 4.1.8 | Autoclavable compatible instrument tray - 5 nos. | do we really need 5 trays | Amended as: Autoclavable compatible instrument tray - 2 nos. |

SCH 10. ULTRASONIC ASPIRATOR

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|--|--|--|
| 4.1.9 | Protective cover-4 pieces. | As discussed in prebid | Deleted BOQ to be changed accordingly |
| 5.3 | Comprehensive training for 2 surgeon and 2 assistant services till familiarity with the supplied system. | please specify Training in India/Locally/Abroad | Amended as: Comprehensive training for 2 surgeon and 2 assistant services till familiarity with the supplied system at site |
| | BOQ | | |
| 5 | Double foot switch 1 nos | double / single pedal footswitch | Amended as: Foot switch-1 |
| 8 | Instrument connection cables | | Deleted |
| 9 | Autoclavable compatible instrument tray 5 nos | kindly check the qty, it's on heigher side. | Amended as: Autoclavable compatible instrument tray 2 nos |
| 12 | Assorted tips for bone sculpting 10 nos | should be 50 no's for Standard (short & long), micro precision (short & long) and bone sculpting as mentioned in the requirement | No Change |

Prebid-Representations (Pre-Bid date: 30.06.2017)

HITES/PCD/PMSSY-III/09/NRSG/17-18

SCH 11. OT Table Electro Hydraulic

| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
|-------------|---|--|---|
| A.4 | 100% Kidney Bridge position should be obtained without moving the patient, through remote Control by using extension/break function. | By using Motorized Kidney elevator As discussed in prebid | Amended as: 100% Kidney Break position should be obtained without moving the patient, through remote Control by using extension/break function. |
| A.8 | The robust handset should offer 8 controls namely Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension and Height functions. One button auto levelling should be available | should have buttons for sliding feature also The table should have longitudinal slide of 400 mm or more for superior imaging and access. | Amended as: The robust handset should offer controls for Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension, horizontal sliding and Height functions. One button auto levelling should be available |
| B.1 | Special-design, maintenance-free rechargeable batteries with capacity for about a week's use in the operating room. | Point should be amended to Special-design, maintenance-free rechargeable batteries with capacity for about a week's or more than 50 positions use in the operating room. | Amended as: Special-design, maintenance-free rechargeable batteries with capacity for about a week's or more than 50 positions use in the operating room . |
| C.3 | Minimum height (without mattress) : 410 mm -550mm | 410-600mm, some wider range should be given | No change |
| C.4 | Maximum height (without mattress): Minimum of 1050 mm | Point should be amended to Maximum height (without mattress): Minimum of 1000 mm | Amended as: Maximum height (without mattress): Minimum of 1000 mm or more |
| C.8 | Head section adjustment : -90 deg to + 60 deg | Point should be amended to Head section adjustment : -90 deg to + 45 deg | Amended as: Head section adjustment : -90 deg to + 45 deg |
| C.12 | Cranial & caudal traversing: 200-300 mm | 400-450mm button for the same should be available on the remote also | Horizontal sliding: 200 mm or more |
| C.13 | Back section adjustment: -30 deg to +90 deg | Point should be amended to Back section adjustment: -30 deg to +80 deg | Amended as: Back section adjustment: -30 deg to +80 deg |
| C.14 | Maximum patient weight : 250 kg or more | 400 Kg or more | No change |

| SCH 11. OT Table Electro Hydraulic | | | |
|---|--|--|---|
| PARA | TENDER SPECIFICATION | RESPRESENTATION RECEIVED FROM THE BIDDERS | RECOMMENDATION |
| D.11 | 3 pin skull clamp with silicone or equivalent horse shoes for adult & pediatric sizes. Adult & Pediatric pins (6 nos each) | silicon is not availbale on 3 pin skull clamp | No change |
| | BOQ | | BOQ |
| 11 | Accessories for operating in prone (including a radioluscent Wilson frame), sitting & lateral position 1 set | | Accessories for operating in prone (including a radioluscent Wilson frame) - 1set |