

03.09.2022

Amendment No. 3**Sub: Extension of due dates to the referred tender enquiry****Ref.: HITES/PCD/AIIMS-IV/54/Burn/22-23 dated 30-06-2022 read with amendment no 1 and 2 dated 25.07.2022 and 20.08.2022 respectively**

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

SECTION I**NOTICE INVITING TENDER (NIT)****2) Tender timeline:****Existing:**

Sl. No.	Description	Schedule
b.	Closing date & time for submission of online bids	05-09-2022, 1400 hrs
c.	Closing date & time for submission of tender processing fee in physical form*	06-09-2022, 1400 hrs
d.	Time and date of opening of online bids	06-09-2022, 1430 hrs

Read as:

Sl. No.	Description	Schedule
b.	Closing date & time for submission of online bids	14-09-2022, 1400 hrs
c.	Closing date & time for submission of tender processing fee in physical form*	15-09-2022, 1400 hrs
d.	Time and date of opening of online bids	15-09-2022, 1430 hrs

SECTION – VII**TECHNICAL SPECIFICATIONS**

Nd Yag Laser with IPL (Tender ID : 2022_HLL_120181_1)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Page 44; Para 1	Spot size (ND YAG) : 6mm & 2 mm x 4 mm, 1.5 mm and 9 mm	Spot size (ND YAG) : Variable spot size from 1mm to 10mm +/- 0.5mm (with the help of different hand pieces, if required).
Page 44; Para 2	Repetition rate : 1-10 Hz	Repetition rate : Should fall in the range of 1-10 Hz

Page 44; Para 4	cooling system: Closed loop continuous liquid cooling	cooling system: Closed loop continuous liquid cooling (where ever available). The vendor should provide an undertaking from the manufacturer, if the cooling system is not applicable.
Page 44; Para 6	Wave length: 1064nm	Wave length: 1064nm & 532nm
Page 44; Para 7	Pulse width: 10 nS	Pulse width: 6 nano second to 300 micro second
Page 44; Para 8	The ND: YAG must have multiple sequential pulsing (MSP) and optimal pulse technology.	The ND: YAG must have multiple sequential pulsing (MSP) and optimal pulse technology. (Optional)
Page 44; Para 10	The hand piece must be available along with acne and vascular filters	The hand piece must be available along with acne and vascular filters (if multiple handpieces are offered, dedicated handpieces should be offered for acne and vascular applications).
Power Tools for Craniomaxillofacial and hand surgery (Electric micro drill) (Tender ID : 2022_HLL_120181_2)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Page 44; Para 1	Running Speed Min 8000 rpm - Max.-70000 rpm	Running Speed : 60,000 rpm or more
Page 44; Para 4	Should adapt to different drill attachment like straight, angled, handpiece, cranial perforator and craniotome.	Should adapt to different drill attachment like straight, angled, handpiece
Page 44; Para B	Control Unit- 1 No	Control Unit- 1 No Added Para (under specifications) : B.8 : Shold have flow rate control settings. B.9 : It should have connections to two handpieces on the console. B.10 : Should be able to change the setting of the braking speed to provide hard or soft brake and acceleration of the hand piece.
Page 44; Para B.6	Multi functional foot switch	Multi functional foot switch : (Should have fully programmable footswitch as user need. User should be able to control following functions via footswitch: Forward,Reverse, Oscillation, and Select hand piece,irrigation, switch over to high/ low speed,Increase or decrease speed increase and decrease water flow rate)
Page 44; Para C.1	C Connection Cord- 2 Nos 1.Thin, Flexible, autoclavable	C Connection Cord- 2 Nos 1.Thin, Flexible, autoclavable, Length : 10 feet or more.
		Added Para under Handpieces : D.4 : cranial perforator (of vaious sizes, if available)

		Added Para under Handpieces : D.5 : craniotome with 3 sizes of Dura Guards
		Added Para under Handpieces : D.6 : Straight Drill Attachment with Mini Quick Coupling
		Added Para under Handpieces : D.7 :2. Kirschner Wire Attachment with tensioning lever (Speed 2700 rpm approx.) Attachment dia 0.6 – 2.5 mm Kirschner wires Self gripping
1b	Speed 8000–20000,Osc/per minute	Deleted
Page 45; Para F.2a	Reciprocating saw - 1 No a.Speed 8000– 15000cpm.	a.Speed 15,000cpm or more
Page 45; Para F.3b	Saggital Saw - 1 No b. Brushless motor	Added Para 3.c : Speed : 20,000cpm or more
		Added Para : Following burrs should be supplied: 1. Round burrs : 2mm & 4mm sizes : 5 Nos each. 2. Fissure burrs (dia 1.6 mm to 3.0 mm , Head Length 4.3 mm to 16.0 mm) : 1.5 mm diameter, 2.0 mm, 2.5 mm diameter 5 nos each
		Added Para : The following should be supplied along with the system: 1. Drill bits - 12 mm length : 1 mm, 1.5 mm & 2 mm - 5 Nos each.
		Added Para: Burrs for Craniotome Attachment (Diameter X Usable head length) 1.2 – 1.8 X 11 1.2 – 2.2 X 16 10 each
Operating Microscope (Tender ID : 2022_HLL_120181_5)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Page 48; Para 3	Should have stereo bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable dovetail mount for binocular tubes for face to face co-observation. Magnification should be upto 20x or more.	Should have stereo bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable dovetail mount for binocular tubes for face to face co-observation. Magnification should be upto 20x or more without any magnification booster.

Page 48; Para 5	Should have xenon illumination of 300 W, high intensity, automatic iris control for adjusting the illumination and a 300 W xenon backup lamp integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.	Xenon Light source 300W and backup xenon lamp with automatic lamp exchange OR LED illumination equivalent to 300W xenon lamp; having high intensity, automatic iris control for adjusting the illumination and integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.
Page 48; Para 8	Should have 3- CCD Medical grade HD video camera with HD recording and storage facility with CCTV attachment.	It should have 3- CCD completely integrated Full HD Medical grade camera with HD recording and storage facility with CCTV attachment.
Page 48; Para 10	Medical grade monitor 24" or more	Medical grade touchscreen monitor 24" or more
12	Camera should be independent of microscope.	Deleted
		Added Para : Should have built in infra-red camera function for intra-operative fluorescence
Wound Closure System (Tender ID: 2022_HLL_120181_6)		
Tender Page & Para	TENDER SPECIFICATION	AMENDED AS
Page 49; Para B. Accessories	1. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit	1. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Small size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)
Page 49; Para B. Accessories	2. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit	2. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Medium size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)
Page 49; Para B. Accessories	3. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit	3. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Large size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)
Page 49; Para C.8.	The system should have Bluetooth enabled app for data collection of patient for wound analysis and system management.	The system should have Bluetooth enabled app for data collection of patient for wound analysis and system management. (OPTIONAL)

Reply to the pre-bid query

Tender Ref : HITES/PCD/AIIMS-IV/54/Burn/22-23 dated 30-06-2022 (Tender ID: 2022_HLL_120181_1)				
Nd Yag Laser with IPL				
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Page 44; Para 1	Spot size (ND YAG) : 6mm & 2 mm x 4 mm, 1.5 mm and 9 mm	1.Since Q switched has 2 wavelengths 1064 and 532, 532 is must for red tattoo and freckles (dots on face), that is basic requirement, small lentigon. 2.Asked system is Conventional as 2mm, 6mm but now laser comes with Fractional q switched 5mm x 5mm, which is must for fractional anti-ageing. So, it's requested that this point may be amended as variable spot size from 1 to 5 mm, and 10mm	Spot size (ND YAG) : Variable spot size from 1mm to 10mm +/- 0.5mm (with the help of different hand pieces, if required).	For wider participation
Page 44; Para 2	Repetition rate : 1-10 Hz	Repetition rate: 4Hz is what is maximum available in q switched, but maximum used is 2 Hz, as overlapping is avoided. IPL has 10Hz and more than that.	Repetition rate : Should fall in the range of 1-10 Hz	For wider participation
Page 44; Para 4	cooling system: Closed loop continuous liquid cooling	Colling system is only available in IPL not Q switched; this is globally common to all.	cooling system: Closed loop continuous liquid cooling (where ever available). The vendor should provide an undertaking from the manufacturer, if the cooling system is not applicable.	For wider participation
Page 44; Para 6	Wave length: 1064nm	Since Q switched has 2 wavelengths 1064 and 532, 532 is must for red tattoo and freckles (dots on face), that is basic requirement, small lentigon. so both must be added in the specs, different wave lengths has different applications.	Wave length: 1064nm & 532nm	Dept requirement
Page 44; Para 7	Pulse width: 10 nS	Pulse width 20 ns or more, for fractional mode Pulse width should be 10 ms (Seem a typographic error) Pulse width should be 10 ms (Seem a typographic error)	Pulse width: 6 nano second to 300 micro second	Dept requirement

Page 44; Para 8	The ND: YAG must have multiple sequential pulsing (MSP) and optimal pulse technology.	This is specific to one make Lumenis, we would request it should be AFT technology which is common to all - hand pieces must have advanced florescent technology and in motion too, which is continuous not stamping.	The ND: YAG must have multiple sequential pulsing (MSP) and optimal pulse technology. (Optional)	For wider participation
Page 44; Para 10	The hand piece must be available along with acne and vascular filters	It should be separate dedicated hand piece, filters are specific to lumenis, all manufacturers has dedicated handpiece life of filters is 10,000 shots and dedicated hand piece will provide minimum 10,000 shots moreover if one hand piece as asked is down then, no application can be performed, whereas with individual hand pieces if one hand piece is sown then other hand piece can be used.	The hand piece must be available along with acne and vascular filters (if multiple handpieces are offered, dedicated handpieces should be offered for acne and vascular applications).	For wider participation
Page 44; Para 11	Quoted model should be BIS or USFDA or European CE with 4 digit notified body number approved (or) Should meet IEC 60601-1 & IEC 60601-2 & IEC 60601-2-22 and should submit valid test report for the quoted model from NABL accredited laboratory or from labs in their country of origin in case of foreign manufacturer	IEC should be from notified NABL body, when compared with notified body CE and USFDA	No Change	

Tender Ref : HITES/PCD/AIIMS-IV/54/Burn/22-23 dated 30-06-2022 (Tender ID: 2022_HLL_120181_2)				
Power Tools for Craniomaxillofacial and hand surgery (Electric micro drill)				
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Page 44; Para 1	Running Speed Min 8000 rpm - Max.- 70000 rpm	Should be 75,000 rpm or more.	Running Speed : 60,000 rpm or more	For wider participation
Page 44; Para 4	Should adapt to different drill attachment like straight, angled, handpiece, cranial perforator and craniotome.	Micro motor is different on which only straight and angled attachments are mounted, cranial perforator and craniotome are attached directly to the electric console by connecting cord.	Should adapt to different drill attachment like straight, angled, handpiece	For wider participation
Page 44; Para B	Control Unit- 1 No	Specs are incomplete for the control unit; suggestive specs areas below: Should have Software upgradeable Provision, Should have touch screen display control for incorporating, Multifunction into systems, should have inbuilt irrigation system, should be able to identify different hand pieces with display on console, should have function of controlling brightness, contrast and alarm volumes on the console, ability to accept two hand pieces at the same time able to change the setting of the braking, speed to provide hard or soft brake and acceleration of the hand piece. Torque sensing feedback capability, should be programmable as per surgeon preference, should be able to store user setting for different surgeries.	Control Unit- 1 No Added Para (under specifications) : B.8 : Should have flow rate control settings. B.9 : It should have connections to two handpieces on the console. B.10 : Should be able to change the setting of the braking speed to provide hard or soft brake and acceleration of the hand piece.	For better clarity in specifications
Page 44; Para B.6	Multi functional foot switch	Specs are incomplete, suggestive specs are as below: Should have fully programmable footswitch as user need, user should be able to control following functions via footswitch- Forward, Reverse, Oscillation, and Select hand piece, irrigation, switch over to high/ low speed, Increase or decrease speed increase and decrease water flow rate	Multi functional foot switch : (Should have fully programmable footswitch as user need. User should be able to control following functions via footswitch: Forward, Reverse, Oscillation, and Select hand piece, irrigation, switch over	For better clarity in specifications

			to high/ low speed, increase or decrease speed increase and decrease water flow rate)	
Page 44; Para C.1	C Connection Cord- 2 Nos 1.Thin, Flexible, autoclavable	10ft long, 3/8" diameter flexible electrical connecting cords. Should have color-coding or dot-to-dot type push-pull connectors at both ends, should be autoclavable	C Connection Cord- 2 Nos 1.Thin, Flexible, autoclavable, Length : 10 feet or more.	Dept requirement
		Committee Recommendation	Added Para under Handpieces : D.4 : cranial perforator (of various sizes, if available)	Dept requirement
		Committee Recommendation	Added Para under Handpieces : D.5 : craniotome with 3 sizes of Dura Guards	Dept requirement
		Committee Recommendation	Added Para under Handpieces : D.6 : Straight Drill Attachment with Mini Quick Coupling	Dept requirement
		Committee Recommendation	Added Para under Handpieces : D.7 : 2. Kirschner Wire Attachment with tensioning lever (Speed 2700 rpm approx.) Attachment dia 0.6 – 2.5 mm Kirschner wires Self gripping	Dept requirement
Page 45; Para F.1a	Oscillating Saw - 1 No a. Speed 8000–15000, Osc/per minute	To be deleted as this is less and is duplication as well.	No Change	
1b	Speed 8000–20000, Osc/per minute	Committee Recommendation	Deleted	For better clarity in specifications
Page 45; Para F.2a	Reciprocating saw - 1 No a.Speed 8000– 15000cpm.	Must be 20,000 cpm or more	a.Speed 15,000cpm or more	For wider participation

Page 45; Para F.3b	Saggital Saw - 1 No b. Brushless motor	Speed is missing, must be 20,000cpm or more	Added Para 3.c : Speed : 20,000cpm or more	For wider participation
Page 46; Para J	Manufacturer should have ISO 13485 certification issued from : i. Any Certification Bodies registered with NABCB under Medical Devices Quality Management System (or) ii. Any notified body registered with CDSCO (or) iii. Any 4-digit CE notified body	Or iv. USFDA approved.	No Change	
		Committee Recommendation	Added Para : Following burrs should be supplied: 1. Round burrs : 2mm & 4mm sizes : 5 Nos each. 2. Fissure burrs (dia 1.6 mm to 3.0 mm , Head Length 4.3 mm to 16.0 mm) : 1.5 mm diameter, 2.0 mm, 2.5 mm diameter 5 nos each	Dept requirement
		Committee Recommendation	Added Para : The following should be supplied along with the system: 1. Drill bits - 12 mm length : 1 mm, 1.5 mm & 2 mm - 5 Nos each.	Dept requirement
		Committee Recommendation	Added Para: Burrs for Craniotome Attachment (Diameter X Usable head length) 1.2 – 1.8 X 11 1.2 – 2.2 X 16 10 each	Dept requirement

Tender Ref : HITES/PCD/AIIMS-IV/54/Burn/22-23 dated 30-06-2022 (Tender ID: 2022_HLL_120181_5)				
Operating Microscope				
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Page 48; Para 3	Should have stereo bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable dovetail mount for binocular tubes for face to face co-observation. Magnification should be upto 20x or more.	Should have stereo bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable dovetail mount for binocular tubes for face to face co-observation. Magnification should be minimum 20x or more without any magnification booster. (Remarks : In Plastic & rconstruction surgery high range of magnification required for anastomosis.)	Should have stereo bridge, tiltable binocular tube f=170mm, 0-180 deg Wide angle, push in eyepiece 10x /12.5x, rotatable dovetail mount for binocular tubes for face to face co-observation. Magnification should be upto 20x or more without any magnification booster.	For better specification
		1. It should be amended to tiltable binocular tube F=170mm/175mm. 2. Magnification upto 15x or more (Justification: To increase more participation in this tender.)		
Page 48; Para 4	Should have motorized internal continuously variable focus system, with working range from 200 mm to 400 mm or more with one front lense, continuously variable, adjustable via handgrips or foot control panel.	Should have motorized internal continuously variable focus system, with working distance range from 200 mm to 500 mm or more with one front lense, continuously variable, adjustable via handgrips or foot control panel. (Remarks :High working distance range helps surgen to use bigger surgical instruments.)	No Change	

<p>Page 48; Para 5</p>	<p>Should have xenon illumination of 300 W, high intensity, automatic iris control for adjusting the illumination and a 300 W xenon backup lamp integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.</p>	<p>It should have high intensity LED illumination equivalent to 300Watt Xenon having working life upto 5000 hr. (Remarks: LED illumination saves recurring cost of Xenon 300 watt consumable bulb which needs replacement after every 500hrs.)</p> <hr/> <p>Should be amended to Xenon / LED illumination. (Justification: LED are of more advance in technology than Xenon with features of lesser heat generations, so specs should have option of both LED/Xenon. No backup lamp required with LED illumination source.)</p>	<p>Xenon Light source 300W and backup xenon lamp with automatic lamp exchange OR LED illumination equivalent to 300W xenon lamp; having high intensity, automatic iris control for adjusting the illumination and integrated in the sturdy floor stand with day light characteristics illuminating through fiber-optic light guide.</p>	<p>For wider participation</p>
<p>Page 48; Para 8</p>	<p>Should have 3- CCD Medical grade HD video camera with HD recording and storage facility with CCTV attachment.</p>	<p>It should have 3- CCD completely integrated Full HD Medical grade camera with HD recording and storage facility with CCTV attachment. (Remarks : External camera cables creates hinderances during surgery so completely integrated camera makes microscope ergonomics much better.)</p>	<p>It should have 3- CCD completely integrated Full HD Medical grade camera with HD recording and storage facility with CCTV attachment.</p>	<p>For better specification</p>
<p>Page 48; Para 10</p>	<p>Medical grade monitor 24" or more</p>	<p>Medical grade touchscreen monitor 24" or more</p>	<p>Medical grade touchscreen monitor 24" or more</p>	<p>For better specification</p>
<p>12</p>	<p>Camera should be independent of microscope.</p>	<p>Committee Recommendation</p>	<p>Deleted</p>	<p>For better clarity in specification</p>
		<p>Committee Recommendation</p>	<p>Added Para : Should have built in infra-red camera function for intra-operative fluorescence</p>	<p>Dept requirement</p>

Tender Ref : HITES/PCD/AIIMS-IV/54/Burn/22-23 dated 30-06-2022 (Tender ID: 2022_HLL_120181_6)				
Wound Closure System				
Tender Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Page 49; Para B. Accessories	1. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit	Wound Drainage kit comes in different sizes such as Small (S), Medium (M), Large (L), Extra-Large (XL) & the size required is not mentioned clearly in the specification. You are requested to provide the same enabling us to submit our offer accordingly. The quantity required for each size may also be defined.	1. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Small size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)	For better clarity in specifications
Page 49; Para B. Accessories	2. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit		2. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Medium size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)	For better clarity in specifications
Page 49; Para B. Accessories	3. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit		3. Closed Cyclic Negative Pressure Wound Therapy PU Wound Drainage kit - Large size - minimum 250 nos (Unit price to be quoted separately, and the same should be valid for warranty period)	For better clarity in specifications

Page 49; Para C.1.	The system should provide controlled, Instillation, continuous or intermittent negative pressure in the range of 20-220 of Hg.	S.No. C-Point No. 1-Specifications mentions the range of negative pressure as 20-220mmHg which is restrictive as it is offered by 1-2 companies. You are thus requested to change the range to 50-250mmHg for wider participation.	No Change	
Page 49; Para C.8.	The system should have Bluetooth enabled app for data collection of patient for wound analysis and system management.	S.No. C-Point No. 8-Specifications needs to be deleted as this is specific to one company.	The system should have Bluetooth enabled app for data collection of patient for wound analysis and system management. (OPTIONAL)	For wider participation

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**
- II. In reference to the extension of bid opening date, participating bidders, who had submitted or are submitting their Bid security/EMD in the form of Bank Guarantee (BG) or FDR are instructed to extend the validity of their BG/FDR accordingly, i.e. required validity of EMD is to be kept in line with the extended bid opening date.**