

15-04-2021

**Amendment no. 6****Sub: Clarification to the referred tender enquiry**

**Ref.: Tender Enquiry no. HITES/PCD/AIIMS-IV/24/Dent/19-20 dated 29-01-2020 read with amendment no 1 dated 06.03.2020, Amendment no 2 dated 19.03.2020, Notice on Extension of Due Dates dated 25.03.2020, Amendment no 3 dated 26.02.2021, Amendment no 4 dated: 20.03.2021 Amendment no 5 dated: 05.04.2021**

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	19-04-2021, 1200 hrs
c.	Closing date & time for submission of tender processing fee in physical form*	20-04-2021, 1400 hrs
d.	Time and date of opening of online bids	20-04-2021, 1430 hrs

**Read as:**

:

Sl. No.	Description	Schedule
b.	Closing date & time for submission of online bids	<b>26-04-2021</b> , 1200 hrs
c.	Closing date & time for submission of <b>tender processing fee in physical form*</b>	<b>27-04-2021</b> , 1400 hrs
d.	Time and date of opening of online bids	<b>27-04-2021</b> , 1430 hrs

**SECTION VII****Technical Specifications**

Technical Amendment		
NIB Ref: HITES/PCD/AIIMS-IV/24/Dent/19-20 dated 29-01-2020		
Item No. 1 ADVANCE ELECTRONIC DENTAL CHAIR (2021_HLL_71654_1)		
Tender Page & Para	Tender Specification	Amended as

Pg 46 Para 14	Should be over head delivery system with minimum 5 delivery ports for various handpieces, scaler and 3-way syringe ( <b>tip autoclavable, with 6 spare tips</b> )	Should be over head delivery system with minimum 5 delivery ports for various handpieces, scaler and 3-way syringe
Pg 46 Para 16	It should have one in-built Piezon LED Ultrasonic Scaler (frequency 28-36 KHz) with 4 scaler tips and one set of perio-curette tips with one set of all endodontic attachments.	<b>It should have:</b> <b>a. One In-built Piezon LED Ultrasonic scaler (frequency 28-36 KHz) with two handpieces</b> <b>b. Scaler tips - 3 set each (each set containing 4 tips)</b> <b>c. Perio tips - 3 set each (each set containing 4 tips)</b> <b>d. 3 endo tips set (each set containing 4 tips)</b>
Pg 46 Para 20	Autoclavable stainless steel quick disconnect water syringe, with 10 extra tips for each chairs.	<b>High quality</b> Autoclavable stainless steel quick disconnect water syringe, with <b>25 extra tips</b> for each chairs.
Pg 47 Para 21	Should have one Brushless Micromotor fiberoptic light with internal spray of water with speed range of <b>1,000- 40,000 RPM</b> with cutting power in the range between 50 - 70 watt.	Should have one Brushless Micromotor fiberoptic light with internal spray of water with speed range of <b>100- 40,000 RPM</b> with cutting power in the range between 50 - 70 watt.
Pg 47 Para 22	Assistant side should have high vacuum, medium vacuum suction and 3 way syringe with spittoon and Tumbler water connections. The Suction system should be compact, unique, Wetline Suction with flow rate of atleast <b>350 Ltr/minute</b> .	Assistant side should have high vacuum, medium vacuum suction and 3 way syringe with spittoon and Tumbler water connections. The <b>motorized</b> Suction system should be compact, Wetline Suction with flow rate of atleast <b>250 Ltr/minute</b> . <b>Noise level should be less than 65 dB.</b>
Pg 47 Para 24	It should be supplied with following scratch resistant handpieces 1. Fiber optic Air rotor nos. 1. 2. Micromotor straight and contra angle ( <b>nos. 1 each</b> ) 3. Fiber optic Miniature Air rotor handpiece <b>nos. 1</b>	It should be supplied with following scratch resistant handpieces 1. Fiber optic Air rotor- <b>2 nos.</b> 2. Micromotor straight and contra angle <b>-(2 nos. each)</b> 3. Fiber optic Miniature Air rotor handpiece <b>-2 nos.</b> <b>Note: All Handpieces should be covered under warranty and CMC.</b> <b>Burs/tips for the handpieces both in</b>

		<b>diamond and tungsten carbide should be provided (50 each) in various shapes and sizes.</b>
Pg 47 Para 25	Hi resolution LED Dental Camera system with digital signal processor along with $\geq 15$ " LCD Monitor mounted on the Dental Chair.	<b>Deleted</b>
Pg 47 Para 28	With luminosity of minimum 30000 to <b>40000 lux</b> with maximum degrees of rotation of light arm movements	With luminosity of minimum 30000 to <b>50000 lux</b> with maximum degrees of rotation of light arm movements
Pg 48 Para 34	Suitable Medical grade absolutely oil Free Compressor. · It should have air moisture filter · It Should have non retraction Valve · Pressure guage · Minimum <b>0.75 HP power</b> · Air tank capacity of 25 lts to 35 lts · It should have Auto cut off switch · should be Noise less not more than: 64 dB · Dust filter, microbial filter. · Compressor tank should be internally epoxy coated	Suitable Medical grade absolutely oil Free Compressor. · It should have air moisture filter · It Should have non retraction Valve · Pressure guage · Minimum <b>1 HP/0.8 KW</b> power · Air tank capacity of 25 lts to 35 lts · It should have Auto cut off switch · should be Noise less not more than: 64 dB · Dust filter, microbial filter. · Compressor tank should be internally epoxy coated
Pg 48 Para 40	The Dental chair and handpieces along with all other accessories should be European CE with 4 digit notified body no. /US FDA certified.	The Dental chair and handpieces along with all other accessories should be European CE with 4 digit notified body no. /US FDA certified/ <b>BIS certified.</b>
Pg 48 Para 42	System as specified on turn key basis	<b>Deleted</b>
		<b>Added Para:</b> <b>Lifting capacity of dental chair should be at least 180 kgs.</b>
		<b>Added Para:</b> <b>Approximately 3 lubrication sprays from OEM to be supplied free of cost every year during warranty and CMC period.</b>
<b>Item No. 2 TABLE TOP AUTOCLAVE (2021_HLL_71654_2)</b>		

Tender Page & Para	Tender Specification	Amended as
Pg 50 Para 2.	Capacity: 30 liters or more	Capacity: <b>22-25 liters</b>
Pg 50 Para 7.	Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms or equivalent	Should be made of S.S.316 & should comply the Pressure Equipment Directive (PED) & EN 13445 norms <b>or 2014/68 EU norms</b> or equivalent
Pg 51 Para 19.	Alarms: Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase time-out, doors not properly closed, power failure ( <b>less than 10 sec should be ignored</b> ), continuous self checking of all the safety devices, low water level etc. All the alarms should be audio-visual	Alarms: Automatic process checking & failure correction should be possible by the control system. The range of alarm should include Temperature & pressure sensor failure, phase time-out, doors not properly closed, power failure, continuous self checking of all the safety devices, low water level etc. All the alarms should be audio-visual
Page 51 21. Standards & Norms	The product should be US FDA or European CE with 4 digit notified body no. certified.	The product should be US FDA or European CE with 4 digit notified body no. certified <b>Or BIS Certified</b>
Pg 51 Para 26.	Bidder should provide a SS 304 multiple level (minimum 3 levels) storage rack for storing 16" SS drums.	<b>Deleted</b>
Pg 51 Para 27	27. The bidder will give rate list of all possible spares, accessories & consumables if any, as part of financial bid. If price of any spare is not mentioned & is required for repair in life time of equipment/instrument, then the firm will be obliged to give it free throughout life cycle of the equipment.	The bidder will give rate list of all possible spares, accessories & consumables if any, as part of financial bid. If price of any spare is not mentioned & is required for repair in life time of equipment/instrument, then the firm will be obliged to give it free throughout life cycle of the equipment. <b>Added Para;</b> <b>All accessories including gasket and filters should be covered under warranty and CMC.Printer paper for</b>

		900 cycles per annum are to be covered under warranty and CMC. Price for the same to be quoted seperately.
<b>Item No. 3 DENTAL INTRAORAL X-RAY UNIT (2021_HLL_41503_3)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 52 Para 1	Long cone dental X ray unit with 60KV multipulse (DC) technology (accuracy of $\pm 2$ KvP) 7 mA unit with focal point less than <b>8 mm</b>	Long cone dental X ray unit with 60KV multipulse (DC) technology (accuracy of $\pm 2$ KvP) 7 mA unit with focal point less than <b>0.8 mm</b>
Pg 52 Para 9	Should be US FDA or European CE with 4 digit notified body no. approved product for radiation imaging and electrical safety standards.	Should be US FDA or European CE with 4 digit notified body no. approved <b>or BIS certified</b>
Pg 52 Para 11	The unit may be supplied with four wheel dual pantographic base and automatic film processing system.	The unit <b>should be wall mounted and should be supplied with an automatic film processing system.</b>
Pg 52 Para 12	X-ray unit should be supplied with 2 lead aprons and 1 thyroid collar.	X-ray unit should be supplied with 2 lead aprons, 1 thyroid collar <b>and 1 lead screen (approximately 3x5 feet)</b>
		<b>Added Para:</b> X-ray tube and digital display should be covered under warranty and CMC
		<b>Added Para:</b> Compatible servo stabilizer should be supplied
<b>Item No. 4 DENTAL DIGITAL RADIOGRAPHY SENSOR SYSTEM WITH SOFTWARE (2021_HLL_41503_4)</b>		

Tender Page & Para	Tender Specification	Amended as
Pg 53 Para 3. Technical Specifications	Sensor: Should be supplied with 2 sensors (for Paediatric and Adult)	Sensor: Should be supplied with - <b>a. Size 0 - 2 nos.</b> <b>b. Size 1 - 2 nos.</b> <b>c. Size 2 - 2 nos.</b>
Pg 53 Para 3. d.	Dynamic range (accurate measurement of bone density), should be more than or equal to 14 bit mage acquisition	Dynamic range (accurate measurement of bone density), should be <b>12 bit or more</b> image acquisition
Pg 54 Para 4. c.	The Printer should be provided with additional ink supply for 1000 prints	<b>Deleted</b>
Pg 54 Para 6. a. Standards, Safety and Training	Should be US FDA or European CE with 4 digit notified body no. approved product	<b>Amended as</b> : Should be US FDA or European CE with 4 digit notified body no. approved product <b>or BIS approved</b>

<p><b>Pg 53</b> <b>Intra oral X-ray</b></p>	<p>Intra oral X-ray:</p> <ul style="list-style-type: none"> <li>a. Be based on DC current, and high frequency X Ray generator,</li> <li>b. Tube voltage, selection: 60-65-70 kvp,</li> <li>c. Tube current, 6 ma/ 8 ma,</li> <li>d. Focal spot 0.8 x 0.8 mm,</li> <li>e. Total filtration &gt; 2 mm Al,</li> <li>f. Minimum range of exposure time range – 0.02 to 3.2 secs,</li> <li>g. Manufactured with international Safety standards for radiation leakage,</li> <li>h. Electronic selection of exposure time/radiation according to tooth number.</li> <li>i. It should be possible to select exposure time manually</li> <li>j. Option for wall mount/ mobile stand.</li> <li>k. Should have remote hand held trigger button</li> <li>l. The timer should be pre-programmed to automatically calculate settings according to the age, gender, jaw and tooth.</li> <li>m. <b>Should have positioning devices</b> <ul style="list-style-type: none"> <li><b>i. Bitewing</b></li> <li><b>ii. Periapical</b></li> <li><b>iii. Endodontic</b></li> </ul> </li> </ul>	<p>Intra oral X-ray:</p> <ol style="list-style-type: none"> <li><b>1. Long cone dental X ray unit with 60KV multipulse (DC) technology (accuracy of <math>\pm 2</math> KvP) 7 mA unit with focal point less than 0.8 mm</b></li> <li><b>2. Should have pre heating grid (less than 280msec pre heating time)</b></li> <li><b>3. Exposure time setting between 0.01- 3.2 seconds (Timer accuracy <math>\pm 10\%</math>)</b></li> <li><b>4. Compatible with digital imaging</b></li> <li><b>5. Radiation leakage not more than 0.25 Mg/hr from focal spot total filtration wq. To 2 nm Aluminium</b></li> <li><b>6. Triple section Double pantographic arm vibration- damped support arm for smooth movement</b></li> <li><b>7. Digital display timer with pre-set timers for all teeth</b></li> <li><b>8. Should have panel with clearly recognizable tooth icons and digital display for exposure etc.</b></li> <li><b>9. Should be US FDA or European CE with 4 digit notified body no. approved or BIS certified.</b></li> <li><b>10. Should be AERB Type Approved</b></li> <li><b>11. The unit should be wall mounted.</b></li> <li><b>12. X-ray unit should be supplied with 2 lead aprons, 1 thyroid collar and 1 lead screen (approximately 3x5 feet).</b></li> <li><b>13. The bidder will give rate list of all possible spares, accessories &amp; consumables if any, as part of financial bid. If price of any spare is not mentioned &amp; is required for repair in life time of equipment/instrument, then the firm will be obliged to give it free throughout life cycle of the equipment.</b></li> <li><b>14. X-ray tube and digital display should be covered under warranty and CMC</b></li> </ol>
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Pg 53	Should have at least 1,00,000 numbers of disposable plastic sheaths for the placement of sensors in the patient's mouth	Amended as: Should have at least <b>10,000</b> numbers of disposable plastic sheaths for the placement of sensors in the patient's mouth. <b>Rate for 10,000 numbers of disposable plastic sheaths should be quoted separately</b>
Pg 54. Para 4.b	b. The bidder has to provide two sensors as part of this bid i. One adult size with minimum active area of 800mm sq ii. One pediatric size with minimum active area of 600mm sq.	<b>Should be supplied with Sensors:</b> a. Size 0 - 2 nos. b. Size 1 - 2 nos. c. Size 2 - 2 nos.
		<b>Added Para:</b> <b>Vendor/ supplier should provide software for retrieval and integration into existing HMIS system in the institute</b>
<b>Item No. 5 SURGICAL MICROMOTOR WITH CONSOLE (2021_HLL_71654_5)</b>		
<b>Tender Page &amp; Para</b>	<b>TENDER SPECIFICATION</b>	<b>COMMITTEE RECOMMENDATION</b>
Pg 55 Para 1	Should be US FDA or European CE with 4 digit notified body no.	Should be US FDA or European CE with 4 digit notified body no. <b>or BIS certified</b>
Pg 55 Para 6	The Max rpm should be atleast 40000 u/min	The Max rpm should be atleast 40000 <b>rpm</b>
Pg 55 Para 8	The micromotor should be with a illumination (LED Based/Fiber optic)	The micromotor <b>and handpiece</b> should be with a illumination (LED Based/Fiber optic)
Pg 55 Para 17	One straight scratch resistant Handpiece. (Should be able to accept regular Burs)	<b>One Straight surgical handpiece (1 :1), autoclavable, compatible with 2.35mm dental shank bur.</b>
	<b>Added Para</b>	<b>Added Para : Unit price for 200 irrigation tubing should be quoted separately. Price should be valid for warrany and CMC period.</b>
	<b>Added Para</b>	<b>Added Para : 15 Nos. of burr should be provided along with the unit.</b>
<b>Item No. 6 HEAVY DUTY PORTABLE SUCTION (2021_HLL_71654_6)</b>		



Tender Page & Para	Tender Specification	Amended as
Pg 56 Para 2	Should be US FDA or European CE with 4 digit notified body no. certified.	Should be US FDA or European CE with 4 digit notified body no. <b>Certified or BIS approved</b>
Pg 56 Para 6	High vacuum suction unit, run on electricity with two suction jars of 4-5 liters capacity each	High vacuum suction unit, run on electricity with two suction jars <b>made of poly carbonate/ poly sulfonate</b> with 4-5 liters capacity each
Pg 56 Para 11	Should be able to create desired maximum vacuum in least possible time (up to -90 K pascal)	Should be able to create desired maximum vacuum in least possible time
Pg 56 Para 14	One plastic suction jar cover, steam sterilizable to be provided extra.	One <b>compatible suction jar lid</b> , steam sterilizable to be provided extra.
Pg 56 Para 15	Two extra suction jar (Plastic) of capacity 4-5 ltrs. should be quoted along with accessories like lid, tubing and all the other accessories required to make the unit functional should be supplied with the equipment.	Two extra suction jar ( <b>poly carbonate/ poly sulfonate</b> ) of capacity 4-5 ltrs. should be quoted along with accessories like lid, tubing and all the other accessories required to make the unit functional should be supplied with the equipment.
		<b>Added Para</b> : Unit price for suction jar (poly carbonate/ poly sulfonate) of capacity 4-5 ltrs should be quoted separately. The price should be valid for warranty and CMC period.
Pg 56 Para 17	The bidder should clearly indicate in the technical bid itself that the prices of all standard accessories are included in the quoted price	<b>Deleted</b>
<b>Item No. 7 Lab Micromotor (2021_HLL_71654_7)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 57 Para 1	Brushless micro motor which ensures smooth, vibration free rotation	Brushless micro motor <b>with compatible straight handpiece</b> which ensures smooth, vibration free rotation
Pg 57 Para 3	High torque at all speeds	<b>With torque of at least 8.5 Ncm</b>

Pg 57 Para 4	Should have a high concentration of ball bearing to provide stable grinding	Should have a <b>ceramic</b> ball bearing to provide stable grinding
Page 57 Para 10	Should be US FDA or European CE with 4 digit notified body no. certified.	Should be US FDA or European CE with 4 digit notified body no. <b>or BIS Certified</b>
		<b>Added Para</b> : Assorted burs (20 nos.) and mandrels (10 nos.) should be provided along with the system.
		<b>Added Para</b> : All the handpieces should be covered under warranty and CMC period.
<b>Item No. 8 LED LIGHT CURE UNIT (2021_HLL_71654_8)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 57 Para 1	Should be US FDA or European CE with 4 digit notified body no. certified	Should be US FDA or European CE with 4 digit notified body no. <b>or BIS certified</b>
Pg 57 Para 6	Light source: Inbuilt LED with minimum intensity of 2800mW with short curing time	Light source: Inbuilt LED with minimum intensity of 2800mW
Pg 57 Para 8	Should include Eye Protection Shields	Should include <b>two nos. Eye Protection Shields and one handheld shield</b>
Pg 57 Para 14	Should have built-in radiometer.	Should have <b>built-in/seperate radiometer for measuring intensity.</b>
		<b>Added Para</b> : Tip of the curing light should be covered under Warranty and CMC period.
<b>Item No. 9 ENDOMOTOR - ENDODONTIC ELECTRIC MOTOR (2021_HLL_71654_9)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 58 Para 1	Should be US FDA or European CE with 4 digit notified body no. certified	Should be US FDA or European CE with 4 digit notified body no. <b>or BIS certified</b>
Pg 58 Para 5	Should have Variable torque range from 5 – 3 Ncm	Should have Variable torque range from <b>1.5 – 5 Ncm</b>
Pg 58 Para 6	Should have the preset programs as well as the ability to manually set speed, torque and 4:1, 10:1, 16:1 & 20:1 gear ratio	Should have the preset programs as well as the ability to manually set speed, torque and 16:1 gear ratio

Pg 58 Para 7	Should have Auto-Torque/Reverse	Should have Auto-Torque/Reverse <b>and reciprocating and continuous motion.</b>
		<b>Added Para</b> : All the handpieces should be covered under warranty and CMC period.
<b>Item No 10. Ultrasonic cleaner (2021_HLL_71654_10)</b>		
Tender Page & Para	Tender Specification	Amended as
Page 59 para 8	One accurate self measuring bottle of each solution: Super concentrate general purpose cleaner, Enzymatic Solution, Germicidal Cleaner (effective to kill HIV virus), Cement remover solution. All the necessary solutions (Additives and Detergents) should be provided - 5 liters each	One accurate self measuring bottle of each solution: Super concentrate general purpose cleaner, Enzymatic Solution, Germicidal Cleaner (effective to kill HIV virus), Cement remover solution. All the necessary solutions (Additives and Detergents) should be provided - 5 liters each <b>Per litre unit price of each solution to be quoted seperately. It should be valid for warranty and CMC period.</b>
Page 59 para 10	US FDA or European CE with 4 digit notified body no. certified	Should be US FDA or European CE with 4 digit notified body no. certified <b>or BIS or ISO 13485 from notified body along with EC Declaration of conformity</b>
<b>Item No. 11 ELECTRO SURGICAL UNIT (2021_HLL_41503_11)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 59 Para I	The maximum power of different type outputs should be as:- Monopolar Cutting Max - 300W- 400W Bipolar Cutting 90 W or more Bipolar Coagulation 90 W or more Spray Coagulation – Max 120 W at 300 Ohms	The maximum power of different type outputs should be as:- Monopolar Cutting Max - 300W- 400W Bipolar Cutting 90 W or more Bipolar Coagulation <b>80 W</b> or more Spray Coagulation – Max 120 W at 300 Ohms
Page 60 Para n	The equipment should be European CE with 4 digit notified body no or US FDA certificate. It should have IEC 60601-1 certificate	The equipment should be European CE with 4 digit notified body no or US FDA certificate <b>or BIS Certified</b> It should have IEC 60601-1 certificate
	Suggested by Bidder	<b>Added Para</b> : <b>The sizes of electrodes should have +/- 10% in dimensions</b>

		length, width etc.
	Suggested by Bidder	<b>Added Para : A stainless steel/epoxy powder coated trolley suitable for ElectroSurgical Unit should be supplied.</b>
<b>Item No. 12 UV Cabinet For Each Chair (2021_HLL_41503_12)</b>		
Tender Page & Para	Tender Specification	Amended as
Page 61 para 1	The ultraviolet cabinet should be double door.	The ultraviolet cabinet should be <b>Single/double door.</b>
Page 61 para 3	Specialize chamber for all kind of surgical dental instruments	<b>Deleted</b>
		<b>Added Para : UV Tubes to be covered in warranty and CMC period.</b>
<b>Item No. 13 PHYSIODISPENSER WITH REDUCTION GEAR HANDPIECE (2021_HLL_71654_13)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 61 Para 1	Should be US FDA or European CE with 4 digit notified body no. certified	Should be US FDA or European CE with 4 digit notified body no. <b>or BIS certified</b>
Pg 61 Para 5	Automatic thread cutter function	<b>Deleted</b>
<b>Item No. 14 Heavy duty Dental Vibrator (2021_HLL_71654_14)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 62 Para 7	Should be US FDA or European CE with 4 digit notified body no. certified.	<b>Deleted</b>
<b>Item No. 15 DENTAL EXTRACTION INSTRUMENTS (2021_HLL_71654_15)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 62 Para 1	Should be US FDA or European CE with 4 digit notified body no. certified and should be Medical grade stainless steel, Autoclavable and ergonomically in design	Should be US FDA or European CE with 4 digit notified body no. <b>Or ISO 13485 certified or BIS certified</b> and should be Medical grade <b>4 series AISI 420 and 410 grade stainless steel,</b> Autoclavable and ergonomically in

		design
Pg 62 Para 3. Viii	Child pattern Forceps (Pediatric) 3 sets	Child pattern Forceps (Pediatric) <b>5 sets</b>
<b>Item No. 16 CRANIOMAXILLOFACIAL TRAUMA INSTRUMENTS (2021_HLL_71654_16)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 63 Para 1	Should be European CE with 4 digit notified body no. or US FDA certified	Should be US FDA or European CE with 4 digit notified body no. <b>Or ISO 13485 certified or BIS certified</b>
Pg 63 Instruments Para 5	Wire Cutter - 1	Wire Cutter - <b>3</b>
		<b>Added Para : Should be supplied with 200 assorted plates and 1000 assorted screws. Unit rate for plates and screws to be quoted seperately.</b>
<b>Item No. 17 GENERAL INSTRUMENTS FOR DENTISTRY – OUT PATIENTS DEPARTMENTS (2021_HLL_71654_17)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 64 Para 1	Should be European CE with 4 digit notified body no. or US FDA certified	Should be US FDA or European CE with 4 digit notified body no. <b>Or ISO 13485 certified or BIS certified</b>
Para 1	Mouth mirrors Mouth mirror, with Anti fog, Mirrors, rust free, slime line : 200	Mouth mirrors <b>with handle</b> Mouth mirror <b>with handle (top head size #4 and #5)</b> , with Anti fog, Mirrors, rust free, slime line : <b>Qty - top head size #4 - 100 Nos and #5 - 100 Nos.</b> <b>Mirror tops ( #4 and #5)- 100 Nos. Each</b>

<p>Page 64 Para 4</p>	<p>4 Tweezers Medical Grade Stainless, Autoclavable 200</p>	<p>Tweezers Medical Grade Stainless, Autoclavable : <b>Lockable type : 25 Nos; Unlockable (normal) : 175 Nos.</b></p>
<p>Page 64 Para 12</p>	<p>Restorative Filling and carving Instruments Set Tofelmere 5 Sectional Matrix kit 5 Cement Spatula 5 Cement Carrier 5 Cement Condenser 5 Spoon Excavators 10 Amalgam Carrier, non-clogging operation 2 each</p>	<p>Tofelmere <b>retainer with bands - 10 Nos</b> Sectional Matrix kit- 5 Cement Spatula (<b>Stainless Steel, double ended</b>) - <b>10 Nos</b> Cement Carrier (<b>Stainless Steel, double ended</b>)- <b>10 Nos</b> Cement Condenser (<b>Round and Parallelogram</b>)- <b>10 Nos each.</b> Spoon Excavators (<b>assorted sizes</b>) - <b>25 Nos</b> Amalgam Carrier, non-clogging operation - <b>3 each</b></p> <p><b>Added Para :</b> <b>Sectional matrix kit for composite restorations - 2 Nos</b> <b>Diamond carver - 10 Nos</b> <b>Cement Spatula (Agate) - 10 Nos</b></p>
<p>Page 64 Para 13</p>	<p>Composite Filling Instruments 1. Full Set of instruments. Both anterior and Posterior Restoration. 10 kits 2. Products should include a wide range of spatulas ideally tailored for the purpose. 3. Polished, corrosion-resistant Teflon coated tips prevent the adhesion of filling material so the treating professional can place it exactly where it belongs. 4. Should not cause corrosion or felting of the filling material 5. Should be European CE Approved</p>	<p>Composite Filling Instruments 1. Full Set of instruments. Both anterior and Posterior Restoration. 10 kits 2. Products should include a wide range of spatulas ideally tailored for the purpose. 3. Polished, corrosion-resistant Teflon coated tips prevent the adhesion of filling material so the treating professional can place it exactly where it belongs. 4. Should not cause corrosion or felting of the filling material 5. <b>Deleted</b></p>

	<p>Dental Impression Trays Both Perforated and Nonperforated Impression trays (upper &amp; lower arches)</p> <ul style="list-style-type: none"> <li>· Should be Autoclavable &amp; reusable</li> <li>· Anatomic shapes with good peripheral support. Rigid with ergonomic handle.</li> <li>· All Sizes</li> </ul> <p>Non Perforated : 3 sets each</p>	<p>Dental Impression Trays Both Perforated and Nonperforated Impression trays (upper &amp; lower arches)</p> <ul style="list-style-type: none"> <li>· Should be Autoclavable &amp; reusable</li> <li>· Anatomic shapes with good peripheral support. Rigid with ergonomic handle.</li> <li>· All Sizes</li> </ul> <p>Non Perforated : <b>5 sets each</b></p>
		<p><b>Added para : Unit rate for Mirror top, Mirror handle, probes, explorer, spoon Excavator and tweezers should be quoted seperately. Price should be valid for warranty and CMC period.</b></p>
		<p><b>Added Para :Williams Graduated Probe - 10 Nos.</b></p>
Page 67 Para 47	47 Orthodontic Instruments	<p><b>Added Para : Should be US FDA or European CE with 4 digit notified body no. Or ISO 13485 certified or BIS certified and should be Medical grade 4 series AISI 420 and 410 grade stainless steel, Autoclavable and ergonomically in design</b></p>
<b>Item No. 18 GENERAL MAXILLOFACIAL SURGICAL INSTRUMENTS (2021_HLL_71654_18)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Pg 68 Para 2	Should be European CE with 4 digit notified body no. or US - FDA certified	Should be US FDA or European CE with 4 digit notified body no. <b>Or ISO 13485 certified or BIS certified</b>
<b>Item No. 19 HAND PIECE CLEANING AND OILING SYSTEM (2021_HLL_71654_19)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Pg 73 Para 1	Should be European CE with 4 digit notified body no. or US - FDA certified	Should be US FDA or European CE with 4 digit notified body no. <b>Or ISO 13485 certified or BIS certified</b>
<b>Item No. 20 FIBER OPTIC LIGHT SOURCE (2021_HLL_41503_20)</b>		

<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Pg 74 Para 11.	Should be European CE with 4 digit notified body no. or US FDA approved	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS or ISO 13485 from notified body along with EC Declaration of conformity</b>
<b>Item No. 21 MAGNIFYING SURGICAL LOUPES (2021_HLL_41503_21)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Pg 74 Para B. OPTICAL SYSTEM: Point 2.	Magnification : 2.5X, 3X, 3.5X & 4X	Magnification : 2.5X, 3X, 3.5X & 4X - <b>Qty 1 each</b>
Page 75 Para F . 1	The Loupe should be manufactured by a well-known international manufacturer/company	<b>Deleted</b>
Page 75 Para F . 2	Should be European CE with 4 digit notified body no. or US FDA approved	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS or ISO 13485 from notified body along with EC Declaration of conformity</b>
<b>Item No. 22 Model Trimmer (2021_HLL_41503_22)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Page 75 Para 1	Should be European CE with 4 digit notified body no. or US FDA approved.	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS certified or ISO 13485 certified</b>
<b>Item No. 25 LED HEADLIGHTS (2021_HLL_41503_25)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Pg 76 Para 3.	Light intensity up to 50000 Lux	Light intensity of <b>50000 Lux or more</b>
Pg 76 Para 10.	Should be European CE with 4 digit notified body no. or US FDA approved.	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS or ISO 13485 from notified body along with EC Declaration of</b>



		conformity
<b>Item No. 26 Finger Pulse Oximeter (2021_HLL_41503_26)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 77 Para 1	Should be European CE with 4 digit notified body no. or US FDA approved.	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS Certified</b>
<b>Item No. 27 MULTIPARA MONITOR (2021_HLL_71654_27)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 77 Para 1.1	It should provide monitors of ECG, NIBP, SpO2, Temperature, Respiration	<b>It should monitor ECG, NIBP, SpO2, Temperature, Respiration</b>
Pg 78 Para 3.1	Minimum 10 inches or more multicoloured TFT display.	Minimum 10 inches or more multicoloured TFT <b>touch</b> display.
Page 78 Para 7.1	It should have US FDA or European CE with four digit notified body number certificate and certificate to be submitted	It should have US FDA or European CE with four digit notified body number <b>or BIS certified</b> and certificate to be submitted
<b>Item No. 29 Orthopantomogram (OPG) Unit (2021_HLL_71654_29)</b>		
Tender Page & Para	Tender Specification	Amended as
Pg 79 Para 1	Should be European CE with 4 digit notified body no. or US FDA approved.	Should be European CE with 4 digit notified body no. or US FDA approved <b>or BIS Certified</b> <b>The offered model should be AERB type approved.</b> <b>Note : The bidder should co-ordinate with the institute for getting AERB clearance.</b>
Pg 79 Para 3	Should cater to all types of patients including adult, pediatrics, standing, sitting and wheel chair patients.	<b>The Unit should be floor &amp; wall mounted for stability</b> Should cater to all types of patients including adult, pediatrics, standing, sitting and wheel chair patients.
Pg 79 Para 7	Tube voltage min range 60kV to 80kV.	Tube voltage min range 60kV to 80kV <b>or more</b>

Pg 79 Para 10	Pixel size - 96-99um	<b>Pixel size – 100 µm or less</b>
Pg 79 Para 12	Standard Intel quad core desktop with original windows software, 4 GB RAM, 1TB hard disk, 20 inch TFT monitor, DVD-RW and suitable film printer. The Printer should be provided with additional ink supply for 5000 prints.	Standard Intel quad core desktop with original windows software, 4 GB RAM, 1TB hard disk, <b>24 inch</b> TFT monitor, DVD-RW and <b>DICOM</b> film printer.
	Suggested by Bidder	<b>Added Para :</b> Vendor should also supply 01 No. Suitable Online UPS with 20 min back up.
		<b>Added Para :</b> The supplier is responsible for all the associated works to meet the AERB guidelines.
		<b>Added Para :</b> It should be compatible with PACS/HMIS of the institute.
<b>Item No. 30 Transillumination Detector (2021_HLL_71654_30)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Page 80 Para 16	Puch button control	<b>Push</b> button control
<b>Item No. 32 Instrument Washer, Disinfector (2021_HLL_71654_32)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Page 80 Para 13	US FDA or European CE with 4 digit notified body no. certified	US FDA or European CE with 4 digit notified body no. <b>or BIS certified</b>
<b>Item No. 33 Water Distiller (2021_HLL_71654_33)</b>		
<b>Tender Page &amp; Para</b>	<b>Tender Specification</b>	<b>Amended as</b>
Page 81 Para 1	Should be European CE with 4 digit notified body no. or US FDA approved	<b>Manufacturer should have ISO 9001 certification</b>

**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**