TERMS & CONDITIONS FOR SUPPLY OF DENTAL EQUIPMENTS/INSTRUMENTS FOR 2020 – 2021

PRINCIPAL, S.C.B. DENTAL COLLEGE & HOSPITAL, CUTTACK

(HEALTH & F.W. DEPT., GOVT. OF ODISHA)

Tel / Fax No.: 0671 -2970975

<u>Bid Reference No. – SCBDCH DENTAL EQUIPMENTS /Instruments</u> 2020-21/5

DATE OF COMMENCEMENT OF SALE OF THE BID DOCUMENT:

LAST DATE & TIME FOR SALE OF BID DOCUMENTS : 06.02.21 to 18.03.21

LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : 23.03.21 up to 1.00pm

DATE OF OPENING OF BID DOCUMENT : 25.03.21 at 3.00pm

PLACE OF OPENING OF BID DOCUMENTS:

AND

ADDRESS FOR COMMUNICATION:

AND

RECEIPT OF BID DOCUMENTS

OFFICE OF THE PRINCIPAL, S.C.B. DENTAL COLLEGE & HOSPITAL, CUTTACK

SALE OF TENDER / BID DOCUMENT

A complete set of bidding documents may be purchased by prospective bidders on payment of a non-refundable fee as indicated below in the form of a Demand Draft in favour of *Principal*, *S.C.B. Dental College & Hospital*, *Cuttack* payable at Cuttack from any Nationalised /Scheduled Bank at the office of the Principal, S.C.B. Dental College & Hospital, Cuttack during office hours from 11 A.M. to 5 P.M. on all working days as mentioned in the tender document either in person or by post.

The Bidders may download the Tender Documents directly from the WEBSITE available at http://www.scbdental.nic.in and http://www.scbdental.nic.in and http://www.scbdental.nic.in and http://www.scbdental.nic.in and <a href="http://www.scbdental.nic.in and

Price of bidding document: Rs.550.00 (inclusive Postage Charges)
(Rupees Five Hundred & Fifty) only
(Non-refundable)

The tender paper will be rejected if the bidder changes any clause or Annexure of the bid document downloaded from the website.

TERMS AND CONDITIONS FOR SUPPLY OF DENTAL MINOR EQUIPMENTS

- 1.1 Sealed tenders will be received by Dated 23.03.2021 up to 1:00 PM by the Principal, S.C.B. Dental College & Hospital, Cuttack, Odisha for the purchase of Dental Equipments & Instruments for S.C.B. Dental College & Hospital, Cuttack. Any tender received after the due date & time will be rejected / returned unopened to the sender. The tenders will be received through Regd. Post / Courier services / Speed Post only. The tender should mention valid phone number and e mail—id over the envelop.
- 1.2 The Sealed tenders submitted by the tenderers will be opened by the Principal, S.C.B. Dental College & Hospital, Cuttack in his office at 3.00 P.M. on 25.03.2021 The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders, if they so like.

Eligibility Criteria

The bidder shall furnish the following documents to establish the bidder's eligibility.

- a. Required bid security (EMD) & tender paper cost as mentioned in the tender.
- b. Self-attested photocopies of GST registration certificates.
- c. Self-attested copies of PAN Card.
- d. Self-attested copies of GST return of 2018-19.
- e. Self-attested order copies of similar nature of work done by the firm.
- f. Self-attested copy of last three-year Income Tax return (F.Y 2016-17, 2017-18, 2018-19)
- g. Price Bid in prescribed format.
- h. Undertaking/Declaration that the firm is not blacklisted by any organization/institution.

Note:

- Firm registered through GeM portal should give priority.
- Further communication regarding tender and corrigendum notice if any should be displayed in the Website of SCB Dental College & Hospital, Cuttack. i.e. www.scbdental.nic.in
- Part of tender can be accepted.

TERMS AND CONDITIONS OF SUPPLY

1. PRICE:

The above rate is inclusive of all taxes.

- 2. Delivery: Materials are to be delivered within 15 days of issue of the purchase order, failing which the undersigned reserves the right to reduce the quantity/cancel the purchase order. The supplies shall be securely protected and the goods be packed properly, in order to avoid loss, damage, etc. & consignee details shall be as per the purchase order.
- 3. Consignee: Principal, S.C.B. Dental College & Hospital, Cuttack.
- 4. Warranty/Guarantee:

The goods supplied shall be covered with warranty / Guaranty for a minimum period of 36 months for Equipments and the period of 6 months for Instruments from the date of receipt by the consignee against any manufacturing defects. The items supplied / Replaced shall be new and free from all defects and faults in materials, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The bidder shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design, or workmanship such as corrosion of the equipment, inadequate quantity of materials to meet equipment requirements, inadequate contract protection, deficiencies in circuit design and /or otherwise and shall remedy such defects at his own cost.

- 5. The rate will remain valid for one year from the date of approval.
- 6. The authority deserves the right to accept / reject any part thereof or all the bids & without assigning any reason thereof.

Payment:-

Payment should be made after obtaining the stock entry certificate & installation certificate from different dept. through concerned HOD/I/C.

Performance Security:

- a. The successful bidder/Firm will submit the performance security of 10% of the order value in shape of Account Payee Demand Draft/Pay order/Bank Guarantee from any Nationalized Banks in favour of Principal, SCB Dental College & Hospital, Cuttack.
 - The EMD will be refunded to the successful Bidder/Firm after receipt of the performance security value as per the order, otherwise EMD of the firm will be forfeited, order will be cancelled and the firm will be blacklisted for two years.
 - The said EMD is liable to be revoked in the following cases:
 - o Un-usual delay in supply.
 - o Termination of contract with in the contract period or default in execution of order.
 - o Non-attending to the complaints during the Guarantee/ Warrantee period.

Inspection:

The supplier shall get each equipment inspected in manufacturer's works and submit a test certificate along with the guarantee/warranty certificate.

Legal dispute:

Legal dispute if any concerning this purchase shall be subject to such courts exercising civil jurisdiction over Cuttack, Orissa.

Installation, Demonstration & Training:

The supplier shall require demonstrating and installing the product at the consignee's place and provide training at his own cost.

Incidental Services

The supplier shall be required to provide any or all of the following services as per requirement.

Comprehensive Annual Maintenance

Five years agreement for supply of reagents with cost and comprehensive annual maintenance contract (CAMC) for 2 years after initial 3 year of free warranty/guarantee should be accepted as and when decided by the procuring authority.

A. List & Specification

The list of Dental Equipments/Instruments to be supplied as per Annexure – I.

B. Documents to be submitted along with Bids:

- 1. Technical Bid should contain as per the Specification given and should be submitted in both hard copy and soft copy.
- 2. The Tender should submit the valid registration certificate and GST clearance certificate.
- 3. Price Bid, which should contain price of the Dental Minor Equipments including of all taxes & transportation charges.
- 4. The tenderer must submit earnest money deposit of 2% of the total bid amount i.e. Rs. 1,14,000/- (Rupees One Lakh Fourteen Thousand) only or 2% of the BID amount of quoted items in favour of Principal, S.C.B. Dental College & Hospital, Cuttack in shape of Bank Draft from a Scheduled Bank payable at Cuttack. The EMD of the unsuccessful bidders will be returned back after finalization of Bid and that should collect from the office of the principal SCB Dental College & Hospital, Cuttack.

Note: The Farm which already deposited the full amount of EMI (of Rs. 2,40,000/-) as per the advertisement No. 141-E Dated 25 Jul 2020 need not to deposit the same.

Sd/-*Principal*, *S.C.B. Dental College & Hospital, Cuttack*

Annexure – I

FINANCIAL BID FORM LIST OF EQUIPMENTS & INSTRUMENTS AS PER DCI REQUIREMENT SCB DENTAL COLLEGE & HOSPITAL, CUTTACK

SI	Name		Specification	
No		Require ment Qty		Unit Price inclusive all taxes
1	Block holders	25	As per microtome	
2	Bone File	1	45 Miller straight-cut bone file is used for final smoothing and shaping of bone. One working end is curved and the other is straight. Working ends are 6.2mm wide and 22mm long. Made from surgical grade stainless steel	
3	Bone regenerative materials	10	Bone graft- Bovine source Granules $0.25-1$ mm 0.25 g ~ 0.5 cm 3 Granules $0.25-1$ mm 0.5 g ~ 1.0 cm 3 Granules $0.25-1$ mm 1.0 g ~ 2.0 cm 3 Granules $0.25-1$ mm 1.0 g ~ 4.0 cm 3 Injectable pen – Bovine source Granules $0.25-1$ mm 0.25 g ~ 0.5 cm 3 Granules $0.25-1$ mm 0.5 g ~ 1.0 cm 3 Granules $0.25-1$ mm 0.5 g ~ 1.0 cm 3 Granules $1-2$ mm 0.5 g ~ 1.5 cm 3 Collagen – bovine source 50 mg $(2.5 \times 5.0 \times 7.5$ mm $)$ 100 mg $(5.0 \times 5.0 \times 7.0$ mm $)$ 250 mg $(7.0 \times 7.0 \times 7.0$ mm $)$ Soo mg $(10.0 \times 10.0 \times 7.0$ mm $)$ Resorbable Collagen Membrane 25×25 mm 30×40 mm 13×25 mm, 20×30 mm Perio 16×22 mm Shape 14×24 mm	
4	Computer software for cephalometrics Requires renewal	1	Dolphin Imaging Plus Software Renewal	
5	Computer software for cephalometrics require upgradation	1	3D Module for Dolphin Imaging software upgradation 2. Dolphin 3D Surgery + 3D Study Models	
6	Chemo mechanical caries removal system	2	Papacarie 2ml syringe - overcomes the inconvenience of urg burs - 2-3 tremilites to dissolves.	

_		1	,	
7	Dry Laser Printer	2	Should have laser technology. It should have a resolution of minimum 500 laser pixels per inch, minimum of 40 micron laser spot spacing. Should have 14-bit pixel depth architecture. Should have daylight film loading ability. Should be able to print on blue or clear films. Should be able to print of 8 x 10 in. (20 x 25 cm) film size, 10 x 12"	
8	Endodontic pressure syringe	4	Painless slow Anaesthesia delivery system, system capable of monitoring tissue pressure and stop injecting once high tissue pressure is achieved. battery operated and compatible with general 27 gauge needles with LCD display	
9	Equipment for casting	2	with vacuum pump, capable of casting Titanium, Chrome Cobalt and precision Metal, Height: 440mm, Height with cover open: 965mm, Width: 785mm, Depth: 625mm, Depth with cover open: 650mm, Rated voltage: 230V, 50/60Hz, Special voltages: 200-240V,50/60Hz, Current consumption: approx.16A, Induction melting power: 3.6kVA,65 kHz, Water supply + discharge: approx.2 l/min, 3/4", Digital Display, Voltage: 220V/50Hz +_10%, Power: 2500W, Centrifugal rotational speed: 550rpm, Maximum melting amount: 50g(Co-Cr Alloy), Melting duration: 30g≤ 65s(standard), Casting radius: 21cm, Casting method: Induction casting Cooling method: Air cooled, Motor power: 370W	
10	Free plane articulators	12	Lightweight anatomic articulator made of aluminium die-casting. It can be used following the geometric laws of medium values (Bonwill triangle). Fixing according to centric. Automatic return to the hinge axis with springs. Perfect stability also in reversed position. Easy access and visability to the lingual surfaces. Interchangeable self centering aluminium plates or magnetic plates. Pure translation movement (key and instructions included). Anti-shock hinge rod in case articulator falls accidentally. Bigger size lock screws for mounting plates. Stratos 100 for biofunctional prosthetic system with 2D template and facial meter for teeth setting.	
11	Florida probe (3rd Gen)	1	Florida probing System, FP32 software preloaded on HP/Dell laptop/PC, 3 Probing Handpieces, 15 gm optical Encoder, Footswitch, Computer Interface, Connecting cables, Titanium Tip probes	

12	Fibre optic laryngoscope(Branch oscope)	1	Single-piece, stainless steel blade ensures integrity and minimizes corrosion2. Fiber Optic Halogen HPX handles available in both "C" and "AA" sizes3. Bright, white Halogen HPX™ illumination for clear, color-corrected view4. Rechargeable handles utilize 2.5 V and 3.5 V nickel-cadmium5. reuseble stainless steel mac and miller style blades
13	Geyser	1	25ltr 2500 wt 230v stenless steel tank tempreture limit 70 degree celcius, 50 hz frequency.
14	Hot plate	1	Digital
15	Lab micromotor	1	3/32" (2.35mm) and 1/8" (3mm) collets ,3-3/4"W x 7-1/2"D x 7"H,120 volts AC, 50-60 Hz,Digital Stepless Speed control from 1,000 to 35,000 consistent rpmMacro-sandblaster:-LED lighting in the sandblasting chamber provides a service life ten times higher than that of conventional lamps for cost-effective sandblasting and reduces maintenance costsThe swivel nozzle enables the unit to be used as an automatic or manual sandblaster for maximum application options in the laboratoryVoltage :100 - 240V, 50/60HzClass H filter, safety filter bag, suction hose with hand tube.Micro- sandblaster:-Provides the advantages of a microblaster and recycling sandblaster. Initial filling, Microblast media container, microblaster handpiece nozzle with LED lightingFilter module with Class H filter, Safety filter bag,Suction hose with hand tube.
16	LCD Projector	1	LCD Projector-Parameter & Specification: 1) Projection system: 3LCD Technology, RGB liquid_cristal shutter ii) Color/white Light Output: At last 3,400 Lumen iii) Resolution: Minimum 1920 x 1200 iv) Aspect Ratio: Minimum 16:10 v) Contrast Ratio: Minimum 15,000: 1 vi)Light Source: Lamp Vii) Minimum 6,000: Hour Operational durability viii)Keystone Correction: Autovertical:_+30° ix) colour Processing: 10 Bits x)Projection Ratio: 1.38_1.68:1 xi) Zoom: Manual, factor:1.2: Lens: Optical xii) Focal Distance: 20.42 mm-24.5 xiii) Interfaces USB 2.0 type A USB 2.0 Type B,VGA in, HDMI in (2x) Warless LAN 802.11b/g/n xiv) Installation: The Projector should be mounted at the time ofInstallation (Price should be inclusive of Mount Kit ,10Meter HDMI & VGA Cables and installation Changes) xv)Warranty: 2 Years on-site comprehensive warranty

17	Laser hard tissue	1	Laser protection class IVPower applied to the tissue 0.5 - 60 WModes of operation • Continuous-wave • Pulse mode- Single pulsePulse repetitionTime increments: 0.1 s between 0.1 and 1.0 s1 s between 1 and 10 s Pulse repetition:ON/OFF time options: 1/1, 1/2, 1/3Pilot laser1 mW, cw, red5 mW, cw, redWavelength 670 ± 10 nmValues displayedOperating mode, laser power, pulse duration, pilot laserstage, special values (total energy applied, pulse rate,irradiation time)CoolingAir-cooled system with closed water circulation systemOptical fiber connectorNumerical aperture of coupler: NA < 0.2SMA-905 connector, suitable for fibers with 260, 400,600 μm core diameter and NA > 0.2Should have Integrated automatic fiber testerCE marking conform with 93/42/EEC	
18	Mallet	1	18 cm, Stainless steel material with nylon facings	
19	Milling machine	2	 5-axis simultaneous operation for non-stop precision milling Sturdy and efficient ball screw-driven system New C-clamp for easy adjustment and alignment 10-station Automatic Tool Changer (ATC) for continuous milling Powerful vacuum and anti-static ionizer for clean calibration and dust reduction 	
20	Microwave	1	Intello-wave technology anti bacterial cavity 32 ltr capacity	
21	Public address system	3	High performance dual channel wireless microphone- Two Separate volume control for both channels Two handheld dynamic transmitters, each operating on 2 × 1.5V AA pencil cells Receiver operates on 12V DC through an AC adaptor. 1 Amplifier for 2 Microphone inputs with both AC & DC options	
22	Papoose board (small , Midium, Large)	1 FROM EACH SIZE	Small:- Weight - 13.35 Lb 6-16 kg Height - 20-40in 50-102cm Regular:- Weight - 30-50Lb 13-23 kg 30-50in 89-127cm Large:- Weight- 70-200 Lb 30-9 kg 50-70 in 127-191 cm Dimension:- small 6.75 inch wide x 29.5 inch long Regular:- 10.75 inch wide x 37.75 inch long Large:- 11.75 inch wide x 8.25 inch long Weight:- small 4 Lb Regular 5Lb Large 8 Lb Extra Large 13Lb	

23				
20		1		
	Paraffin wax bath		Thermostatically controlled, digital display	
24	Steel bin		High grade scratch registranmt.	
		3		
0.5	0.1.			
25	Schluger Bone File		9/10 schluger periodontal file, Used	
		1	interproximally. File surfaces on both sides allow for push or pull application. Stainless steel	
		'	material	
			material	
26	Surgical cassette			
			Double-Decker Cassette – 20 Instruments	
		0	Exterior Dimensions 6" x 9.7" x 1.5" (152 mm x 246	
		2	mm x38 mm) Holds 20 instruments with an	
			accessory area. Has abuilt-in needle cap holder	
			and slot for a winged syringe.	
27	Surgical kit/prosthetic		find application in different surgical operations	
	kit		including Minor surgery, Caesarian section, Major	
			surgery, Evacuation, Dressing, Delivery, DNC,	
			Nursing and other processes. These fine quality	
			and sterile surgical kits are developed using best	
			materials and in increasing used for enhancing process handling efficiency of surgical team as well	
			as in reducing inventory and costs. • These kits	
		2	contain complete support a surgeon requires for	
		2	conducting an operation and is made from	
			medical grade stainless steel so as to provide for	
			maximum safety during involved invasive	
			operative procedures. • composed of 58 operating	
			room grade instruments which are made from	
			German stainless steel in Germany. • These	
			instruments have a satin finish and come with a lifetime warranty.	
30			meanic warrancy.	
28	Surgical Instrument		Features:	
	kit	2 SETS	- Fully equipped	
	MC		- Lightweight - Easy to carry	
29				
			Illumination 80.000 lux (at 150 mm working	
			distance) with chargeable battery and head band	
	Surgical LED cable	1	illumination field : 50mm to 75mm (at	
	free head light		25cmworking distance) Spot adjustment; Zoom control	
			Battery pack: batteries two each charger	
			Head band - plastic	
30	Welder		Operates on 220V	
			All switches on frontal panel for easy operation	
		1	Main cable very flexible and ISI marked	
			Welding strength, welding pressure and electrode	
24			shape satisfying clinical norms.	
31				

	Grossing Station		Ventilation system incorporated for formalin fumes.	
		1	Storage area for tools. Separate hot and cold water taps. Storage compartments. Magnetic tool holder. Grossing board with scale and contrast area. Insertable work plate. Sprinkler system with valves for bath sanitation. Adequate Illumination facilities with attachment	
32	Dermatomes		Wireless, battery operated and light weight design makes it portable and easy to use.	
			User friendly &battery powered high torque DC motor design, allowing use without electricity.	
			Operates on powerful re-chargeable 3000 mAh Liion battery	
			Capable of cutting a width of maximum 80 mm that can further be reduced to 70 mm, 60 mm, 50 mm, 40 mm, 30 mm, 20 mm & 10 mm by using various graft plates.	
			Graft thickness varies from 0.10 mm to 1.2 mm and can be adjusted with an increase/decrease of 0.1mm by an adjusting lever with reading on a thickness scale.	
			On/Off switch on hand piece with automatic lock system to prevent accidental activation.	
		1	Battery and motor should not be sterilized which offers persistence to the device.	
			Device can be totally immersed in cleaning solution and steam, or it can be gas sterilized as well except electrical parts like Battery & Motor Catridge.	
			Includes sterilizing container.	
			Includes 500 blades as accessory.	
			Cost of blades to be quoted separately	
			Cost of Motor Cartridge to be quoted separately	
			Cost of Battery Cartridge to be quoted separately	
			Indian Manufacturers should be preferred.	
			Should be ISO/CE/US FDA	

	T .	1		
33	Laser for soft tissue & Dental Bleaching		Diode lasers	
			• Dimensions-4.4in x 5.7in x 6.5in	
			• Weight-2.5 lbs	
		2	• Power-10W	
			Wavelength- 940 ± 10nm	
			• Pulse Energy-20 KHz	
34	Hand Instrument for different dental uses		High quality stainless steel, Anti Magnetic, rust registrant, Acid Resistance for various type of	
			extraction forceps with Teflon disc in the joint,	
	Extraction forceps & Elevators (adult and		root elevators , gingivectomy knife , prophylaxis	
	endodontic).		and periodontal scaling instruments. Different	
	Microsurgery instruments		type of composite filling instruments and amalgam filling instruments, calibrated probes, micro	
	Amalgam Filling		surgery instruments like universal scissor s, micro	
	instruments		scissor,Microtissue forceps, dissecting	
	Composite Filling Instrument		needles,Micro rongers.	
35	Semi- automatic		Type: Semi-Motorized	
	rotary microtome		SECTION THICKNESS SETTINGS	
			Range: 0.5 - 100 μm	
			Setting Values: 0.5 - 5 μm (in 0.5 μm increments)	
			5-20 um (in 1um increments)	
			20 - 60 μm (in 5 μm increments)	
			60 - 100 μm (in 10 μm increments)	
		1	TRIMMING SECTION THICKNESS SETTINGS:	
			Range: 1 - 600 μm	
			Setting Values: 1 - 10 μm (in 1 μm increments)	
			10 - 20 μm (in 2 μm increments)	
			20 - 50 μm (in 5 μm increments)	
			50 - 100 μm (in 10 μm increments)	
			100 - 600 μm (in 50 μm increments)	
1	ĺ	1	1	i I

Specimen Feed: approx. 24 mm ±1 mm

Vertical Stroke: $70 \text{ mm} \pm 1 \text{ mm}$

Large Standard Clamp: 55 x 50 x 30 mm Super Cassette Clamp: 68 x 48 x 15 mm

SPECIMEN RETRACTION

In Manual Sectioning Mode: 5 - 100 μm (in

5 μm increments); can be turned off

SPECIMEN ORIENTATION

Horizontal: $\pm 8^{\circ}$

Vertical: $\pm 8^{\circ}$

CONTROL PANEL

Type: Separate control panel & in-housing

integrated instrument control panel

ADDITIONAL SPECIFICATIONS

Handwheel Balance System: Handwheel

Lock / Brake: 2 Mechanical Locks

Safety Hand Wheel: N/A

Coarse Feed Wheel Turn Direction: User-Selectable - Clockwise or Counter-Clockwise

WASTE TRAY

Type: Anti-static

Waste Tray Volume: 1400 ml

SELECTABLE CUTTING MODES

Rock Mode: - with activated retraction

BLADE HOLDER

Type: 2-in 1 for high and low profile blades

Sd/-