

***TERMS & CONDITIONS FOR SUPPLY OF
DENTAL MINOR EQUIPMENT/INSTRUMENT FOR 2018 – 2019***

PRINCIPAL, S.C.B. DENTAL COLLEGE & HOSPITAL, CUTTACK
(HEALTH & F.W. DEPTT., GOVT. OF ODISHA)

Tel / Fax No. : 0671 – 2430975

**Bid Reference No. – SCB DENTAL COLLEGE & HOSPITAL /2018 -2019
EQIPMENTS/INSTRUMENTS- 19/1**

DATE OF COMMENCEMENT OF SALE OF THE BID DOCUMENT : 08.01.2019
LAST DATE & TIME FOR SALE OF BID DOCUMENTS : 18.01.2019 upto 5 P.M
LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : 19.01.2019 upto 1:00 P.M
DATE OF OPENING OF BID DOCUMENT : 19.01.2019 at 02:30 P.M.

PLACE OF OPENING OF BID DOCUMENTS:	Principal
AND	S.C.B. Dental College & Hospital
ADDRESS FOR COMMUNICATION :	Cuttack.
AND	Tel / Fax: 0671 – 2414695 / 2430975
RECEIPT OF BID DOCUMENTS	E-mail: dentalscb@gmail.com

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

TERMS AND CONDITIONS FOR SUPPLY OF MEDICAL EQUIPMENT

- 1.1 Sealed tenders will be received by Dated 19.01.2019 upto 1:00 PM by the Principal, S.C.B. Dental College & Hospital, Cuttack, Odisha for the purchase of Dental Minor 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.
- 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 02.30PM. on 19.01.2019. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders, if they so like.

Specification of Equipment:

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

B. Documents to be submitted alongwith Bids :

1. Technical Bid should contain as per the Specification given and should be submitted in both hard copy and soft copy.
2. Price Bid, which should contain price of the Equipment including of all taxes & transportation charges.
3. The tenderer must submit earnest money deposit of 1% of the bid amount i.e. Rs. 3,000/- (Rupees Three Thousand) only 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.

C. Notes

If the firm fails to supply in time or supplies not of standard quality item or violates the tender terms and conditions the EMD & performance security will be forfeited and the firm will be blacklisted for two years.

D. Tender Terms and Conditions :

- a) The selected firms will have to supply within 15 days from issue of purchase order.
- b) The item should arrive at the Principal, S.C.B. Dental College & Hospital, Cuttack in good condition.
- c) The rate will remain valid for one year from the date of approval.
- d) In the event of the date being declared as a holiday for purchaser's Office, the due date of submission of bids & opening of bids will be the following working date & time.
- f) The authority reserves the right to accept / reject any part thereof or all the bids & without assigning any reason thereof.

E. Issue of purchase order:

The purchase order will be placed to the concerned firms after the approval of the purchase committee.

F. Payment:

100% payment will be made after receipt of stock entry certificates.

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

Annexure-1
LIST OF MINOR EQUIPMENT LIST 2019
SCB Dental College & Hospital, Cuttack

***Note: all the Suppliers are requested to submit the price list both in hard copy and soft copy.**

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
1.	Intra – oral periapical films hanger	Hanger should be made of stainless steel. Each hanger should have a minimum of 10 clips, with 5 clips on either side.			
2.	XCP (Extension cone paralleling cone) holders (films holder for paralleling cone method of intra oral radiography)	The holders should be made of plastic and aiming rods of metal. Holders should be present for intra-oral periapical radiography, bitewing radiography, and for endodontic imaging. The holders should be colour coded. Protective sleeves should be provided along with the holders			
3.	Magnifying glass	Should be of hand held type. Magnification factor should be a minimum of 3X. Glass having illumination with LED lights will be preferable.			
4.	TENS Machine	Channel – Dual Intensity - 0 ~ 80mA Wave form - Asymmetrical. Should be able to work on external power source or on batteries on or both. Pulse Rate should be a minimum of 1Hz and maximum of 20 Should have timer function.			
5.	Needle destroyer	Should be lightweight, portable and Should provide a removable discharge tray made for easy disposal of syringe hubs. Should have the provision to burn the needle & to cut the syringe tips. Should be able to destroy needles of type up to 18G. Should have a Power On/Off switch and an indication for power. Should be properly insulated for the protection from electrical hazard.			
6.	Kocher artery forceps	Straight, ½ teeth, length 180 mm			
7.	Galipot	Stainless steel, cup shaped, 28 ml capacity, 51 internal diameter.			
8.	Wash bowl	Stainless steel, with sloping side and open hygienic curved edges, 305 mm diameter 135 mm deep, 7000ml.			
9.	Dressing tray	Stainless Steel, 465 x 355 x 32 mm			
10.	Sterilizing tray	Perforated, Anodised aluminium, 300 x 558 x 63 mm			
11.	Kidney shaped tray	With half curled edges stainless steel, 150mm, 200, The length should be between 6 to 8 inches			
12.	Tonsillar artery forcep	Long handle			
13.	Lagrange soft tissue scissors	15 cms long			
14.	Curette	Round metal handles, small 3mm			
15.	Scoop	Double ended, 7 x 4mm and 5 x 3mm length 178mm			
16.	Volkman scoop	Stainless steel ,double ended			

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
17.	Farabeuf elevator	Light, 8mm, curved, length 160mm			
18.	Mitchell trimmer	Double ended, length, 160mm			
19.	Howarth periosteal elevator	Length 220mm			
20.	Ostetome	Curved, wide 6mm,length 180mm			
21.	Hayton williams wire twisting forceps	Length 110mm			
22.	Briston malar elevator	Sharp edge 240mm			
23.	Kelsey fry bone chisel	Straight 150mm			
24.	Obwegeser pterigoideus chisel	Hard edge Length 234 mm 10mm width			
25.	Fickling dental mallet	All metal, Diameter 25mm Tapering head, length 191mm weight 190gram			
26.	Cheek retractor	Should be made of flexible plastic. Plastic should be of clear type. Wings attached will be preferred.			
27.	Austin retractor	Stainless steel 140mm			
28.	Kilner retractor	(Double ended, small blades 25mm and 20mm length 150mm			
29.	Mcindoe dissecting forceps	Fine serrated Jaws, longitudine, groved handle, length150mm			
30.	Kilner scissors	Straight, Fine sharp points and rounded blades length 110mm			
31.	Aufright scissor	Straight, Triangular shaped blades, heavy pattern, length 140mm			
32.	Aufright scissor	Curved on flat, heavy pattern, length 140mm			
33.	Alms retractor	Skin retractor, Self retaining,length100mm			
34.	Kilner skin hook	Complete in handle, length 140mm			
35.	Bone rongeuier	Slight curved, 2mm x 5mm jaws, 150mm with hinge actions			
36.	Lewin bone holding forceps	205mm			
37.	Wire cutters	Tungsten carbide jaws 180mm			
38.	Osteotome	With 6mm,4mm,8mm length 125mm			
39.	B.p.handle no-3,4	Fits Blade size 11,12,15 , Disposable Stainless steel.			
40.	Wire twisters (lawson-taits)-14cmlong, light weight.	Tungsten carbide 71 / 4" , 18 cm –wire Twisting forcep W.T.C			
41.	Cat's paw	15cms long,double ended			
42.	Langenbecks	With 15cm, 10 cm,20cm			
43.	Suction canula	3mm, 4mm, 5cm, 40cm.			
44.	Reverse langenbecks	With 14cm, depth 45cm, tip curved outward			
45.	Needle holders	12cm long, locking pattern, T.C/Diamond topped			
		Jaws should be serrated. Size of the needle holder should be 14cm			
		15cm long, locking pattern, T.C/Diamond topped			
		18cm long, locking pattern, T.C/Diamond			

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
		topped			
46.	Spreader	230cm long, width of working tip 13cm			
47.	Channel retractors	Width of working and 9 cm & length of working end 90cm shaft length 110cm.			
48.	Denture Flasks	Metallic (size No.7 & 8) For acrylic denture curing			
49.	Clamps	For denture flasks curing			
50.	Three point articulator	Plain line with average condylar guidance and incisal guidance.			
51.	Glass slab and Mixing Spatula	Cement mixing glass slab and spatula			
52.	Stainless steel Long blade spatula	For mixing zincoxide euginol mixing			
53.	PKT carver set	For carving inlay wax pattern for crown and bridge			
54.	DFS – METAL finishing burs	For finishing metallic appliances – straight, round, flame, conical shapes			
55.	SHOFU tooth preparation burs	For crown preparation			
56.	Curved mosquito artery forceps	Straight, ½ teeth length 180 mm			
57.	Scissors -curved, straight	For endosseous implant surgery- 15 cm long			
58.	Excavators	Tooth cavity excavator, metallic			
59.	Burs-for contra-angle micro motor	Straight fissure, tapered fissure, ball shaped, flame shaped , wheel shaped for tooth cutting			
60.	Stainless steel Impression Trays – Dentulous:	Metallic perforated maxillary and mandibular Dentulous trays (no Rimlock border) of following sizes :- Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4			
61.	Stainless steel Impression Trays – Edentulous	Metallic non-perforated maxillary and mandibular Edentulous trays (no Rimlock border) of following sizes :- Size – 0, Size – 1, Size – 2, Size – 3 & Size – 4			
62.	Sectional Impression Tray	Perforated metallic trays for impression of small dental arches and paediatric cases			
63.	Howarth Periosteal elevators	Metallic hand instrument For minor oral surgery – 220mm length			
64.	Mouth Mirrors-metallic	Metallic with detachable handle . Handle should be made of stainless steel and the mirror size should be convenient for intra-oral examination			
65.	Chietels forceps	Metallic for steriliser . Should be made of stainless steel and size should be between 8 to 10 inches			
66.	Probe	Metallic probe for dental examination- Straight			
67.	Periodontal probe	Should have the following markings 1mm, 2mm, 3mm, 5mm, 7mm,8mm,9mm and 10mm			
68.	Tweezers	Metallic instrument to hold the dental material			
69.	Suction tip	Metallic suction tip no 2,3 and 4			
70.	Tissue cutting	Dissecting Scissors 5 ½ ” straight and			

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
	scissors	curved			
71.	Trolley	For minor surgical procedure			
72.	Curette	Round metal handles, small 3mm			
73.	Allis tissue forceps	Light weight, 2/3 teeth length 1562mm			
74.	Crane-kaplan scaler	Satin Steel Handle, Anti rust, Scratch resistant, smooth finishing			
75.	Color-coded marquis periodontal probe	Satin Steel Handle, Anti rust, Scratch resistant, smooth finishing			
76.	Castroviejo scissors	Anti rust, Scratch resistant, smooth finishing			
77.	Lead Gloves	1 pair of gloves should be made of powered form of lead.			
78.	Punch biopsy tool	Should be of sizes of 4 mm and 5 mm in diameter should be disposable in nature.			
79.	Apex Locator	Display: LED, Weight: only 160 g, Rotation speed: 150 – 280 rpm Rechargeable battery: 3.6 V, metal-hydride, Charge time: Approx. 60 min. Dimensions (mm): W 30 x D 37 x H 212, Charger Voltage: AC 230 V Frequency: 50/60 Hz, Weight: Approx. 500 g, Dimensions (mm): W 80 x D 123 x H 55			
80.	Endo motor	<ul style="list-style-type: none"> • Thin ergonomic design for better access to hard to reach areas • Large, user-friendly LCD panel • Memory for up to 5 programs • Auto-reverse modus <p>6 head positions allows of contra angle head to be adjusted to your preferred position</p>			
81.	Intra-oral photographic mirrors	Each set should have mirror for viewing occlusal surface as well as lateral surface. It should made of glass having double side coating having a minimum thickness of 2mm. Mirror for viewing of lateral surface should also be made of glass having suitable coating			
82.	Portable Hand X ray Machine	<p>1-It should operate in DC current preferably.</p> <p>2-Output KV-70Kv, DC.</p> <p>3-Tube current-2.3mA, fixed.</p> <p>4-Exposure time-0.01s to 1.0s.</p> <p>5-Focal spot-0.4mm, IEC.</p> <p>6-Cone length-200mm fixed.</p> <p>7-Weight should be within 3 kg.</p> <p>8-Shuold be covered under warranty.</p>			
83.	Implant Kit	<p>1-The kit should easy to organise, keep and transport.</p> <p>2-It should have clear component marking.</p> <p>3-It should have angled row arrangement</p>			

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
		<p>of component for easy identification.</p> <p>4-It should have snug and secure fit of components.</p> <p>5-The kit should be auto-clavable.</p> <p>6-In the kit the drills should be arranged properly and preferably colour coded.</p> <p>7-System which can accommodate with internal hex diameter of 2.4mm(2.1 mm for Slim 3.0mm Implant)</p> <p>8-Should Support Implant Diameters: 3.0mm / 3.5 mm / 3.75 mm / 4.2 mm / 5.0 mm.</p> <p>9-Should support Implant Lengths: 8 mm / 10 mm / 11.5 mm / 13 mm / 16 mm.</p> <p>10-Should support straight abutment, angled abutment ,castable abutment.</p> <p>11-Shuold be covered under warranty.</p>			
84.	Physiodespensor	<p>CONTROL UNIT:</p> <p>1-Model should have fibro-optic hand piece.</p> <p>2-Power supply:AC 120 V or 230 V 50/60 Hz.</p> <p>3-Dimensions : W 268 x D 220 x H 100 (mm)</p> <p>4-Max. Coolant flow rate-110ml/min.</p> <p>MICROMOTOR:</p> <p>1-torque-(5-80Ncm)</p> <p>2-Motor Speed : 200~40,000 min-1</p> <p>3-Light Power (LED Micromotor) : over 32,000 LUX</p> <p>7-Built in Memory : 100 min</p> <p>6-It should have contra angle hand-piece 20:1.</p> <p>7-Shuold be covered under warranty.</p> <p>FOOT CONTROL:</p> <p>1-Foot Control Functions : Program Button, Speed Control Pedal Coolant Flow Volume Button Forward / Reverse Button</p>			
85.	Boiling water steriliser	32 ltr capacity electric operated ISI mark stainless steel, rust free.			
86.	Dental Compressor	Single head, 20ltr capacity desiccant 120 kg 12 v, single phase.			
87.	Crown remover	Manual crown remover to remove all ceramic and metal ceramic crowns, inlays and onlays with recent technology			
88.	Model trimmer with Carborundum disc	5000rpm, wheel size diameter 25.4cm ,(10 inches) with dry and wet trimming			
89.	Acrylizer unit	<p>A) Electric operated, digital display& digital timer curing unit, inbuilt Programme for different polymerization cycles for acrylic resin denture, body made of stainless steel 304 Grade, work on 220/230 volts Ac. When the time will complete alarm will be operational. .</p> <p>Curing unit holds 8 two flask compresses-16 flasks,</p>			

Sl. No.	Name of the equipment	Specifications	Make/ Model/ Name of the Company	Size	Unit Price (Inclusive of all taxes)
		<p>Heavy gauge stainless steel for durability & functionality, Sinks built into stainless steel top with seamless design.</p> <p>(B) 2-Stage curing unit with a digital control panel on which sequences of Polymerizing times and temperatures can be programmed as required by user.</p> <ul style="list-style-type: none"> The time of each step can be set between 0 and 999 minutes. The end temperatures at each plateau can be regulated by the user between 32°F and 210°F (0°C and 99°C). To enable the user to see the actual program status at all times, the curing unit has a synoptic display. Programming. It is extremely easy to program a heating sequence for the water in the tank. Low maintenance and easy cleaning. <p>Unit Dimension: 13.8" H x 16.5" W x 14.9" D (350mm x 420mm x 380mm) Tank Dimension: 11" H x 10" W x 10" D (280mm x 255mm x 255mm) Weight: 45 lbs [17kg] Power Supply: 115V, 50/60Hz, 13A Consumption: 1500 W</p>			
90.	Electric Geyser	25ltr 2500 wt 230v stenless steel tank tempreture limit 70 degree celcius, 50 hz frequency.			
91.	X Ray Viewer	Metal framed, Acrylic Sheeted power 12 v, High glossy LED ball with plastic clips for x ray film holding.			
92.	Edentulous brass die	Brass / Metal edentulous die for educational purpose for class 1 class 2 class 3 jaw relation records.			
93.	Edentulous rubber mould	Highly flexible silicon rubber variety.			
94.	Dentate rubber mould	Highly flexible silicon rubber variety			
95.	Cotton holder	Stainless steel			
96.	Polishing lathe	Heave duty continous rating, dual working side, Vibration free low noise with drill chuck. Buffing cone grinding stone, ¼ hp motor with 2800 rpm, 230 v,			
97.	Orthopedic Chisel	2.5 CM-LONG 180 MM			
98.	Orthopedic osteome	2.5 CM – LONG 180 MM			
99.	Curved chisel	2.5 CM WIDTH , 180 MM LENGTH			

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