



Office of the

# MADHYAMGRAM MUNICIPALITY

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Ref. No

Date:

Quotation No: - MM/EO/Hospital/3116/24-25

Dated- 05/02/2025

## QUOTATION NOTICE

Sub: - Quotation for Dental Chair.

Item No.	Descriptions of item	Specification	Unit	Rate	Deliver y Date
1.	<b>Supply &amp; delivery at the site of a New Semi Automatic Dental Chair:-</b> (1. Semi Automatic Dental Chair:-1 no., 2. Schaller Set (Ultrasonic) - 1 no., 3. Light cum Machine with Light cum Resin Set:- 1 No, Air Resin 1 no, 4. Air compressor 2 HP Minimum oil free- 1no., 5. Air rotary had piece with burs- 1no., 6. Contra angle hand piece- 1no, 7. Straight hand piece- 1no.)	<ul style="list-style-type: none"><li>➤ The dental chair and unit is required for dental examination and surgery.</li><li>➤ The complete unit with dental chair and handpieces is required.</li><li>➤ Complete unit with Micro motor, Air Rotor, Air motor, Ultrasonic Scalar, Micro motor (3000 to 40,000 rpm range) and Motorized suction.</li><li>➤ Dental Chair Specifications:<ul style="list-style-type: none"><li>1.) Fully motorized hydraulically self-adjusting Chair with lifting capacity of 200 kgs.</li><li>2) Corrosion free construction and durable scratch resistant epoxy paint finish</li><li>3) Should have seamless ultra-thin upholstery to facilitate easy cleaning/disinfecting</li><li>4) Double articulating headrest for comfortable support. Should have flip head rest to be used on patients on wheelchairs.</li><li>5) Footswitch with multifunction. It should provide all chair movements, adjustable and Programmable position, movement of return to zero and emergency stop.</li><li>6) The hand-rests should be fully adjustable and should rotate out of the way of the patient when he steps off.</li></ul></li></ul> <p>Dental Unit Specifications:</p> <ul style="list-style-type: none"><li>1) Should be attached to the chair with overhead delivery system to accommodate up to following 4 modules:<ul style="list-style-type: none"><li>a) One Turbine connections with hand-piece</li><li>b) One air-motor connection with air-motor and hand-pieces (straight &amp; contra)</li><li>c) One fiber optic air rotor connection with quick disconnect coupling and light cure unit to be attached to the same coupling</li><li>(d) One 6way-syringe with removable tip for sterilization.</li><li>(e) All the controls of the chair should be touch pad on doctor's and assistant's sides.</li></ul></li><li>2) The design should be such that it can be simply cleaned and</li></ul>	1 No	----- ----- -	Within 15 Days



		<p>disinfected to reduce the possibility of cross infection. Autoclavable pad should be provided on the Unit where the hand pieces are placed.</p> <p>3)Should have to reservoirs of water and disinfectant with automatic pressurization</p> <p>4)Should have a non-retraction valve to avoid the reflux of contaminated materials</p> <p>5)Automatic hand pieces selection through sensitive pneumatic valves</p> <p>6) Should have warm water syringe.</p> <p>7) Integrated 17 inches LCD/TFT Monitor should be provided for RVG.</p> <ul style="list-style-type: none"> <li>➤ Spittoon/Water Unit Specifications: <ol style="list-style-type: none"> <li>1.Removable porcelain bowl, cup filler and spittoon nozzles which can be cleaned easily.</li> <li>2. Water should get ON in the spittoon automatically as soon as the patient gets up for spitting.</li> <li>3.Adjustable Timer up-to 15 seconds should be there to adjust timings of the water flow in the spittoon</li> <li>4.One 3 way syringe should be there on the assistant side</li> <li>5.Should have Hi/Lo suction with easy reach filters. The high suction should be powered through a motorized unit.</li> <li>6. Swivell spittoon should be provided.</li> </ol> </li> <li>➤ Operating Light Specifications: <ol style="list-style-type: none"> <li>1.With luminosity of 20000 lux and 25000 lux with 620 degrees of rotation of light arm movements.</li> <li>2. Should get ON and OFF with No-touch system for maintaining proper sterilization while working.</li> <li>3. Color temperature of the light should be around 5000 Angstroms.</li> <li>4. Light should allow Vertical, Horizontal, and Axial &amp; Diagonal Movements for proper Focusing.</li> </ol> </li> <li>➤ Foot Control: Single foot control for all instruments with variable speed control</li> <li>➤ Dental Stool : Stable with 5-castor base, with load stabilizing gas spring. Backrest tilt should be adjustable - 2 Nos. (one for Dental surgeon and one for Assistant)</li> <li>➤ Oil Free Air Compressor(Medical Grade) <ul style="list-style-type: none"> <li>It should have Air moisture filter</li> <li>It should have Non-retraction valve</li> <li>It should have Pressure gage</li> <li>It should have Air tank (capacity of 30-40 Lt.)</li> <li>It should have Auto cut-off switch</li> <li>It should give medical grade Air which is absolutely oil free</li> </ul> </li> <li>➤ LED Light Cure Unit / Modular Light Cure Unit Specifications: <ul style="list-style-type: none"> <li>• Advances in the power output of light emitting diodes (LEDS) have allowed a LED light curing unit (LCU) with an 8 mm diameter light guide tip to achieve a similar depth of cure in a camphorquinone photo initiated composite, as a halogen LCU. .</li> <li>• Blue LEDs can be used as photo detectors and may be of future use in dental radiometers.</li> <li>• When assessing the output from an LCU it is not only important to know the spectrum and irradiance, but also whether the emission is pulsed or continuous.</li> </ul> </li> <li>➤ Mounted Dental X-ray box (OPG film size).-LED Generated</li> </ul>			
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		➤ Power input to be 220-240VAC, 50Hz fitted with Indian plug Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications.( Input 160-260 V and output 220-240 V and 50 Hz)			
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**Notes:-**

1. Quotation will be issued from 05/02/2025 to 12/02/2025 from store department & quotation will receive before 12.30 p.m. till 12/02/2025.
2. Quotation will opened at 1.00 p.m. on 12/02/2025.
3. Quotation may be rejected without assigning any reason.

**Terms & Condition:-**

1. GST inclusive.
2. 100% payment will be made within 30 working days from the date of submission of bills in duplicate with receipt certificate from the store keeper.
3. **Risk Purchase:** - in case of any failure to execute the order in full of part order for the balance quantity will be cancelled at your risk and cost and you shall be liable to pay the extra expenditure involved in repurchasing the stores from elsewhere.
4. Current Trade License Certificate, Current GST Certificate, Professional Tax clearance certificate must be submitted along with quotation.
5. **L. D 2%** will be charged for each month and part of a month for delay in please, supply beyond stipulated due date, and you shall liable to pay the same.
6. Supplier has bound to install the item as and when required.

*(Handwritten Signature)*

Executive Officer  
MADHYAMGRAM MUNICIPALITY

