

BHARAT HEAVY ELECTRICALS LTD.

SPECIFICATION No. :
ITEM No. :
LOCATION : **KASTURBA HOSPITAL**

SPECIFICATION FOR DENTAL CHAIR QTY - 1

1.0 REQUIREMENT/FUNCTION

Used for Examination and Treating patients with dental problems.

2.0 SPECIFICATION/FEATURES :

- 2.1 Dental chair should be electrically operated and Multi programmable.
- 2.2 Should have operating light with two intensity. Should have auto water connection for porcelain spittoon and tumbler.
- 2.3 Should have high & low vacuum motorized suction with flow control valve auto drain & auto flush system.
- 2.4 Two Airtor points and hand piece. One Fiber twin beam ultra push QD twist free coupling have non retraction valve airtor hand piece (NSK/W&H) and one push button type hand piece (NSK/W&H).
- 2.5 Should have multi functional foot control.
- 2.6 Should have inbuilt Piezon/EMS scaler (OEM) unit with scaling tips and endo kit, one mighty brushless micro-motor with hand pieces (both straight and contra angle hand piece NSK) one cordless endo hand piece (NSK/Dentsply) (with the unit or as accessory).
- 2.7 Should have inbuilt LED Light cure unit with 3 intensity selection and digital radio meter.
- 2.8 Should have two three ways syringes, two stainless steel instrument tray & X-Ray viewer.
- 2.9 Should have dental operators and assistant stool with back rest and hand rest
- 2.10 Should have oil free Medical grade Medical grade Monobloc 0.75hp Airtor air compressor with radiator, cooling fan drier and filter.

3.0 SCOPE OF SUPPLY :

- 3.1 Eqpt. Meeting our above specification.
 - 3.2 Installation, commissioning, Training & proving of equipment by supplier.
 - 3.3 Two sets of operation & maintenance manuals with circuit diagrams.
 - 3.4 Eqpt. should be suitable to operate on BHEL Power supply of $230v \pm 15\%$ 50Hz $\pm 3\%$ single Phase AC supply and suitable voltage stabilizer/CVT if recommended by supplier should be Supplied with the Eqpt.
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4. The eqpt. Should consist of the following: (Here all items &v consumable required for Satisfactory commissioning should be mention including standard & optional accessories etc.)
 5. Quoted Eqpt. Should be proven Eqpt. And suppliers should furnish list of customers where Quoted Eqpt. has been supplied earlier with necessary certificate for good performance and after sales service. Equipment should have been working satisfactorily at least for two year with some earlier customer. Supplier may be asked to arrange demonstration at BHEL/with earlier customer.
 6. Supplier must quote all material /facility/service required for satisfactory instillation and Commissioning of eqpt. BHEL scope if any to be mentioned specifically. Anything not mentioned specifically but required for satisfactory commissioning /proving of eqpt. will have to be arranged by supplier.

7. Eqptt. should meet all our specification and bidders must furnish point to point replies against all the points of our above specification failing which their offer may not be considered.
8. **Qualifying Criteria -** Equipment should have been installed in reputed dental colleges (10 Govt. dental colleges) Defense services & Corporate Hospitals in India Dental Chair/ equipment will be inspected by our team of doctors. Our team will visit one of the hospitals in which the equipments is installed and in working condition for at least four to five year and the decision of accepting or rejecting the equipment will be at solely at the discretion of the team Company should be established and in the business for at least past 15 years.