

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

SPECIFICATION FOR DENTAL CHAIR

1.0 REQUIREMENT/FUNCTION

Necessary for proper dental check up and treatment. Dental unit has multiple function accessories eg. Light cure unit, ultrasonic scalar, air rotor hand piece, micro motor for various dental procedures.

2.0 SPECIFICATION/FEATURES :

- 2.1 Dental chair with unit should be electrically operated.
- 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 Air rotor should have two points 1 fiber optic twin beam ultra push twist free coupling having non retraction valve Air rotor hand piece should have multi function foot control.
- 2.5 Should have scalar unit (NSK/EMS) with minimum three scaling tips, endo chuck & files Mighty brush less micro motor.
- 2.6 Should have light cure unit with different intensity selection with digital radio meter.
- 2.7 Should have two three ways syringes, two Non stainless steel instrument tray & X-Ray viewer should have oil free medical grade mono block air rotor air compressor with radiator cooling fan drier and filter.
- 2.8 Should have Dental operators & assistants stool with back rest movement & hand rest.

3.0 SCOPE OF SUPPLY :

The eqpt. Should consist of the following : (Here all items & consumables required for satisfactory commissioning should be mention including standard & optional accessories etc.)

- 3.1 Dental Chair meeting spec. para 2.0 – 1 No.
- 3.2 Installation, Commissioning, Training & proving.
- 3.3 O & M manually – 4 sets.
4. 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.
5. Eqpt. should be suitable to operate on BHEL Power supply of 230 V \pm 15% 50Hz \pm 3% single phase AC supply and suitable voltage stabilizer /CVT if recommended by supplier should be supplied with the Eqpt.
- 5.1 Any other facility/service required for eqpt. Like Air, civil works, compressor, air and gases etc.
6. Supplier must quote all material/facility/service required for satisfactory installation 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. Evaluation Criteria & Qualifying Requirement

Eqpt. should meet all our specification and general clauses enclosed and bidders must furnish point to point replies against all the points of our above specification and general clauses enclosed failing which their offer may not be considered.