

- Instrument holder: 5 (for Air motor or Micro motor (1pc), High speed air turbine (2pcs), 3 Way syringe (1pc), Scaler (1pc)) or more
- It should have LED light cure unit on unit sides (Min. Intensity 800 mW/cm² and wavelength range - 370 - 500 nm output)
- Should have at least 1Nos of removable stainless tray.

3. Spittoon stand & Assistant Instrument holder

- It Should be a system integrated type.
- Basin should be coated with glass/ceramic.
- Cup filter should have equipped with sensor control.
- Assistant instrument holder should be supporting arm type.
- Number of instrument socket: 3 (for 3-way syringe (1pc), Saliva ejector (1pc), Vacuum syringe (1pc)) or more.

4. Operating light

- It should be an overhead type.
- Light head should be supported by all free angle support arm.
- Light source: LED
- Intensity: 20000 Lux or more with two step intensity adjustment.
- The light head can be adjusted from 1650 to 1900mm or wider.
- The light ON/OFF function must be controlled by sensor.

5. Air motor or Micro motor (1pcs/unit)

- Type: Brushless Micro motor
- Maximum rotation speed: 30000RPM or more
- Should have 1 Straight and 1 Contra angle type hand pieces with same RPM
- The hand pieces should be easily coupled with the micro motor.

6. High speed air turbine (2pcs/unit)

- Type: Cartridge type, ball bearing system.
- Maximum rotation speed: 35000 rpm or better
- Light system: LED/Halogen
- It should have equipped with air hose.

7. Other hand tools

- It should have one in-built Piezo Ultrasonic Scaler (frequency 28-36 KHz) with 3 or more scaler tips and one set of perio-curette tips
- It should have two 3way syringes, one on unit side and other on the assistant side.
- Saliva ejector: 1pc/unit
- Vacuum syringe: 1pc/unit
- Cure light: 1pc/unit

8. Doctor's stool and Assistant's Stool

- The stool must be made of water-resistant material and comfortable for operations.
- Should have back rest.

- Should have adjustable seat height and 360-degree rotation
- It should be equipped with castors.

9. Dental X-ray Unit

- Should be a wall mounted/equipped with dental unit.
- Target: Intra oral area
- The collimator height should be adjustable to the chair.
- X ray generator type: High frequency inverter type
- Nominal focal spot value (IEC60336): 0.8 or less.
- Tube Type: DC type
- Tube Voltage: Including 60kV and 70 kV (Selectable)
- Tube Current: 4mA/7mA selectable or 3mA/6mA selectable or 6mA (constant)
- Total Filtration: 2.0mmAL or more at 70kV

10. Digital X Ray Sensor

- Type: Intra oral
- Sensor Technology: CMOS
- Resolution: 20 lp/mm or better
- Interface: USB 2.0 or higher
- Sensor Dimension: 24.5 x 36.0 mm or compactable to this size.
- Cable length: 2m or longer
- Drivers/ Acquisition S/W: Shall be provided for Windows 7 or better.

11. Air Compressor:

- Oil Free Air Compressor, 1.5 HP with silicon free filter and dryer (Medical Grade) with air hose/pipe of length 20ft.
- Pressure range 70 PSI - 90 PSI
- Tank Capacity(l) 30 Liter or better.

12. Consumables and others (Must be mentioned in the offer):

- | | | |
|--|---|--------------------------|
| 1. Spare cartridge of hand piece | : | 5pcs/unit |
| 2. Spare vacuum tip | : | 10pcs/unit |
| 3. Spare scaling tip | : | each 1pc/type, 1set/unit |
| 4. Spare water valve | : | 1pc/unit |
| 5. Spare air valve | : | 1pc/unit |
| 6. Spare oil spray for hand piece | : | 2cans/unit |
| 7. Spare high speed air turbine light bulb | : | 2pcs/unit |



