ADDENDUM 3

DATE: MARCH 4, 2016

PROJECT: DENTAL SUITES REQUIREMENTS (BID #04-030816SB-01)

The following changes are hereby incorporated into the Invitation to Bid documents dated February 9, 2016 for the above project:

Part 1 - SPECIFICATIONS AND DRAWINGS

1. Add the following item: Section 2.10, X-RAY/OPERATORY WALL MOUNTED LIGHT – Quantity (5)

   A. Product Description (Based on A-dec 575L. Other approved manufacturer items which meet specifications are acceptable). Dental operating light. The unit is a single head, wall-mounted light with multiple intensity settings and localized controls on the light head. The light illuminates the field of work for the dentist. The physical dimensions refer to the maximum extension of the light on its mount. The back board must be mounted to wall studs or suitable backing.

   B. Characteristics
      ● Three axis barycentric positioning. Full 540 degrees of horizontal rotation. The Entire Light Head rotates 500-600°, the Optics Head rotates 105° ±5 total (0° up, 105° down), the Optics Head rotates 80° ±5° (±40° from vertical).
      ● Three intensity settings (15000/25000/30000lux)(1394/2323/2787fc)
      ● Cure-safe composite setting (25000lux(2323fc)/yellow): provides a “yellow” light providing ample illumination in the oral cavity without the premature curing of photo-initiated dental materials.
      ● Color Temperature: High fidelity ~90 CRI/5000K for accurate color rendering and tissue analysis.
      ● Ability/ease of positioning: Rotation axis about the rigid arm to flex arm interface: There is 315±5° of travel. The vertical travel shall be achieved via the parallel link system in the flex arm. This travel is to be 27.9 inches (71.1cm).
      ● Flexible, fracture resistant handles stay cool to touch, provide positive tactile feel, and protect head from potential impact damage.
      ● Thermal energy output: 24 BTU/hr. nominal at High intensity. No radiant heat. No bulb replacement. 15 Watt power consumption.
      ● Orbital LED array on magnesium chassis dissipates heat passively, no hot surfaces or handles and does not require a cooling system or fan.
      ● Full touchpad control of light modes with auto on/off capabilities on A-dec’s DCS touch pads.
      ● Pattern and shadowing characteristics exceed ISO 9680 requirements. “Stadium” style LED array minimizes shadowing due to
blockage from instruments and the dental team. When properly focused, the light pattern at 700 mm is 100±25mm x 150±25mm. Pattern size is defined at 10% of the maximum intensity. The illumination shall decrease in intensity progressively and smoothly toward the pattern edge.

- Smooth surface exterior parts are able to be cleaned and disinfected without damage to the light surface or markings.
- UL Certified in Canada and United States. EC certified in EU.

**PRODUCT DESCRIPTION**

Dental operating light. The unit is a single head, wall-mounted light with multiple intensity settings and localized controls on the light head. The light illuminates the field of work for the dentist. The physical dimensions refer to the maximum extension of the light on its mount. The back board must be mounted to wall studs or suitable backing.

**NOTE:** The Dental Suites Requirements Excel Spreadsheet has also been amended to reflect the above changes.