ADDENDUM 1

DATE: FEBRUARY 19, 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. **Remove** Section 2.3, X-RAY/OPERATORY LED CHAIR MOUNTED LIGHT – Quantity (5)

**Replace** with the following:

2.3 X-RAY/OPERATORY LED **CEILING MOUNTED** LIGHT – Quantity (5)

A. **Product Description** (Based on A-dec 576L. Other approved manufacturer items which meet specifications are acceptable). Dental operating light used to illuminate the field of work. This is a single light unit on a cantilever arm mounted to the ceiling. The light can be used in installations where the ceiling height is between 8 and 12 feet. Physical dimensions refer to the light's maximum travel dimensions centered on the ceiling mounting track. The weight includes the light, flex arm and mount. Mounting this light may require reinforcing the ceiling or hanging the mount from the underside of the reinforcements below a suspended ceiling

B. **Characteristics**

- Three axis barycentric positioning. The entire light head rotates a full 540 degrees (1 ½ turns) of horizontal rotation. The Optics Head rotates 105° total (0° up, 105° down), the Optics Head rotates 80° (±40° from vertical).
- Three intensity settings (15,000/25,000/30,000lux)(1,394/2,323/2,787fc).
- Cure-safe composite setting (25,000lux(2,323fc)/yellow): provides a “yellow” light providing ample illumination in the oral cavity without the premature curing of photo-initiated dental composites.
- Color Temperature/Color Rendering Index: 5,000K/~90 CRI for accurate color rendering and tissue analysis.
Ability/ease of positioning: Rotation axis about the rigid arm to flex arm interface: There is 315° 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 the Optics Head from side impact damage.

Thermal energy output: 69 BTU/hr. nominal at High intensity. 20 Watt power consumption. No bulb replacement.

Orbital LED array on aluminum-cored 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: “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 100mm x 145mm 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 barrier protected without damage to the light surface or markings.

UL Classified in USA and Canada. CE compliant.

2. Under the SUMMARY OF WORK, Dental Operatories section, the quantity for the LED ceiling mounted lights should be changed from (10) to (5)

3. Under the SUMMARY OF WORK, Dental Operatories section, add the following:
   (10) Doctor stool
   (10) Assistant stool

4. Under the SUMMARY OF WORK, Simulation Lab section, remove the following:
   (13) Assistant stool

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