

<i>Line Item</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Price</i>
0001	Dermatology Laser Delivery System	1	EA		
0002	Installation and Training	1	EA		

All equipment shall meet the following specifications:

Specifications/Features:

System shall be a multi-application/platform medical/research grade (not Spa grade) laser system.

- Full field ablation – Er:YAG 2940nm
- Fractionate ablation- Er:YAG
- Ability to adjust the depth of ablation and coagulation independently.
 - a. For coagulation, vaporization, ablation or cutting of soft tissue (skin) in Dermatology
 - b. Laser skin resurfacing procedures for the treatment of Acne scars; Actinic chelitis; Keloids; Verrucae; Actinic Keratoses, Seborrhic Keratoses, lichenoid keratoses; Scar revision, acne keloidalis nuchae
 - c. Basal and squamous cell carcinoma, including keratoacanthomas, Bowen's disease (Erythroplasia of Queyrat), and Bowenoid Papulosis lesions
 - d. Erbium:YAG laser ablation effectively removes lesions of both Hailey-Hailey Disease and Darier disease and can also yield excellent long-term results in chronic, recalcitrant cases.
- BBL or IPL (Broad Band light or Intense Pulsed light) within 300-1400nm range
 - a. Superficial Hyperpigmentation and Vascular Lesions, Active Acne/rosacea
 - b. Painless Hair Removal

Required Energy/Joules Range: (Based on Treatment – see below):

1. Treatment: Fractionated Resurfacing

Variety of density coverage to allow treatment various conditions and skin types>>>>what types and what densities?

2. Treatment: Full-field Resurfacing (100% density)

Wavelengths:

2904nm Erbium -Skin Resurfacing and remodeling (Keratoses, scars, and some dermatoses)
BBL/IPL (300-1400nm ranges) – Superficial Hyperpigmentation and Vascular Lesions, Active Acne/Rosacea; Painless Hair Removal for all Skin Types

1064nm QS Yag – Tattoo Removal, Melasma, Deep Pigmented Lesions, Nail Fungus
308 nm (UVB)- treatment psoriasis, eczema, vitiligo
Smoke Evacuator – Surgical Plume Evacuator

Output Range:

Laser Output Class IV, 0.7-3 um, 100W, 75J, 200 ms
Light Output 300-1400 nm, 0-300J

Pulse Range:

Pulse Duration of individual pulse 0.5 to 1.5 ms
Pulse Interval 0.2 to 200 ms
Broadband pulsed light with 300-1400 nm
Fluence and the duration of each pulse or pulse sequence can be varied to suit the application needed.