

Notice of Intent to Sole Source

Posting Date: 12/07/2020

It is the intention of Trident Technical College to sole source the procurement of:

Gaumard Victoria S2200 Simulator and Pediatric HAL S2225.PK Simulator

Trident Technical College (TIC) intends to sole source the procurement of a Gaumard Victoria S2200 Simulator and a Gaumard Pediatric HAL S2225.PK Simulator. TTC seeks any vendors who can provide simulators which meets or exceeds the below referenced requirements and requests those potential vendors email a product brochure/spec sheet that shows the below requirements are met.

Victoria S2200 Simulator

- High-fidelity
- Lifelike Appearance with Smooth Full-Body Skin, Seamless Joints, Accurate Anatomical Proportions
- Interactive Eyes:
- Programmable Eyelids: Blinking Rate
- Real-time Eye Movement
- Automatic Horizontal and Manual Vertical Tracking
- Strabismus: Exotropia and Esotropia
- Nystagmus: Eyeball Twitching
- Blepharospasm: Eyelid Twitching
- Ptosis: Eyelid Droop
- Realistic Idle Eye Movement
- Independent Pupillary Light Reflex & Consensual Pupillary Light Reflex
- Mydriasis: Blown Pupil
- Anisocoria: Unequal Pupil Sizes
- Ability To Simulate High Risk Low Frequency Deliveries; Shoulder Dystocia, Breech, And C-Section Deliveries; and Post-Partum Hemorrhage Algorithm Scenarios
- Fully Programmable Airway, Breathing, And Circulation Physiological Parameters
- Births Lifelike with Full-term Baby Featuring Programmable Vitals For APGAR Scoring; (Realistic Weight, Length, Proportion, and Joint Articulation)
- Integrated Array Of Sensors Track Participant Performance In Real Time
- Supports Real Monitoring Equipment: EKG, ECG, Capnograph, Defibrillator, Automatic BP, Fetal Monitor, NIBP, and Pulse Oximeters
- Ability to Exhale Measurable CO₂ for Real Sensor Monitoring
- Converts Into A Non-Pregnant Patient For General Nursing And Gynecology Training
- All Components Housed Within Simulator
- Wireless And Tetherless
- Ability to Transport Without Disruption In Simulation
- Automatic Recognition of a minimum of 50 Virtual Medications
- Internal Rechargeable Battery With A Minimum Of 8 Hours Of Battery Life
- Includes Microsoft Surface Pro Tablet PC And Virtual Patient/CTG Monitor
- Minimum: 45 Preprogrammed Scenarios Included
- Video Training Library Covering Setup And Operation

Pediatric HAL S2225.PK Simulator

- High-fidelity
- Lifelike Appearance with Smooth Full-Body Skin, Seamless Joints, Accurate Anatomical Proportions
- Interactive Eyes:
- Programmable Eyelids: Blinking Rate
- Real-time Eye Movement
- Automatic Horizontal and Manual Vertical Tracking
- Strabismus: Exotropia and Esotropia
- Nystagmus: Eyeball Twitching
- Blepharospasm: Eyelid Twitching
- Ptosis: Eyelid Droop
- Realistic Idle Eye Movement
- Independent Pupillary Light Reflex & Consensual Pupillary Light Reflex
- Mydriasis: Blown Pupil
- Anisocoria: Unequal Pupil Sizes
- Minimum: 10 preprogrammed SLEs and facilitator's guidebook
- Ability to simulate life-like facial expressions to include anger, transient pain, ongoing pain, amazement, quizzical, crying, yawning.
- Ability to program emotional states to automatically express with associated verbal and non-verbal cues without manual input to include worried, anxious, lethargic, distracted.
- Ability to program jaw movement, bilateral or unilateral brow movement, and horizontal neck rotation
- Automatic jaw movement synchronized with speech
- Ability to program crying/tears and release real fluid
- Wireless streaming voice
- Minimum: 50 prerecorded speech responses
- Supports Nasotracheal /orotracheal intubation with standard instruments including endotracheal tubes and supraglottic airway devices
- Tracheal intubation detection,
- Support esophageal intubation and bag-valve-mask ventilation
- Realistic surgical trachea permits tracheostomy, cricothyrotomy, and retrograde intubation
- Ability to program laryngospasm and tongue edema
- Spontaneous breathing with selectable normal and abnormal respiratory patterns, variable respiratory rates and inspiratory/expiratory ratios
- Ability to program unilateral chest rise and fall
- Real CO₂ exhalation: supports etCO₂ monitoring using real sensors and monitoring devices
- Selectable normal and abnormal sounds: upper right front and back, upper left front and back, lower right back, and lower left back
- Real mechanical ventilation support with real-time ventilation feedback
- Chest tube insertion: left mid-axillary hemothorax site features palpable bony landmarks, realistic skin for cutting and suturing, tactile pleural pop, and fluid drain
- Needle decompression site features realistic tactile feedback and audible hiss
- Includes comprehensive library of ECG rhythms with customizable beat variations, Independent normal/abnormal heart sounds at aortic, pulmonic, and mitral sites
- Supports ECG-derived respiration monitoring (EDR)
- Real-time quality feedback and reporting

- Defibrillate, cardiovert and pace using real devices and energy
- Mechanical ventilation support: AVC, SIMV, CPAP, PCV, PSV, and more.
- Supports therapeutic levels of PEEP, Programmable variable lung compliance, Variable bronchi resistance
- Anterior/posterior defibrillation sites
- Visible cyanosis, redness, pallor, and jaundice
- Supports capillary refill time testing above the right knee; test detection and logging
- Palpable pulses: bilateral carotid, brachial, radial, and femoral
- Supports blood pressure monitoring using a real NIBP cuff and monitor
- SpO₂ monitoring using real devices
- Bilateral forearm IV access supports sampling and continuous infusion
- Intraosseous infusion site at right proximal tibia
- Real glucose test readings via finger-stick
- Patent esophagus
- Gastric distension during excessive PPV
- Bowel sounds in four quadrants
- Interchangeable male/ female genitalia
- Ability to program urinary output

This Notice of Intent to Sole Source is to determine the availability of any other qualified contractor capable of providing the requested equipment or one that meets or exceeds the above-referenced requirements.

The contact person for this intent to sole source is: Wendy Dennis, Procurement Specialist, Trident Technical College:

Phone: (843) 574-6065
Fax: (843) 574-6395
Email: procurement.questions@tridenttech.edu

Contact by deadline: 12:01 a.m. Friday 12/15/2020 EST

Notice of Sole Source is posted at the following website address:

http://www.tridenttech.edu/about/departments/proc/ttc_solic.htm