



Request # WCP23-016  
(assigned by OMB)

**CITY OF PITTSBURGH**  
**REQUEST FOR WAIVER OF COMPETITIVE PROCESS**

Contract Title: Gaumard Scientific Company

Contract Description: EMS training manikins

Contract Duration: 3 years

Requesting Department: Public Safety Contract Type: Commodities

Requests for exemption must be based on one or more of the categories listed in City Code 161.02B located here:

Please list all category numbers that apply (see page 2) 2

**Justification:**

As per attached letters, Gaumard is the only vendor for the Noelle S575, Trauma HAL S3040, and HAL S315 medical training simulation manikins. These are the only such devices capable of meeting EMS' updated training requirements.

Signed by:   
Department Director

Date: 3-7-2023

Waiver Request is hereby:  X Granted  Denied

OMB Procurement:  Date: 3-24-2023

After completion, please email this form, along with any appropriate backup to [procurement@pittsburghpa.gov](mailto:procurement@pittsburghpa.gov)

If a waiver is granted, contract authorization is then required by City Council. Department shall submit appropriate legislation and note the Resolution number on this form and submit a copy along with the contract when submitting to the Controller's Office for signature.

Resolution Number \_\_\_\_\_ Effective Date \_\_\_\_\_



February 21st, 2023

To Whom It May Concern:

Gaumard Scientific Company, Inc. located at 14700 SW 136 Street, Miami, FL 33196 is the sole manufacturer and sole distributor for the following item: **S575.100 NOELLE with Newborn Tory.**

The following features apply to the **S575.100**:

- Tetherless technology allows the communications, compressor, and power supply to be inside the simulator, eliminating external tubes, wires and compressors
- Powerful and intuitive GIGA Software
- Practice epidural procedures
- Realistic fetal palpation with amniotic sac
- Pelvic landmarks
- Contraction Stomach
- C-section using real surgical instruments
- Lifelike birth canal
- Realistic episiotomy repair
- Streaming audio included
- Perfect fit into stirrups
- Wireless streaming audio included
- Active eyes allow selection of pupillary response to light and blink rate
- Bilateral IV and IM
- Measure Osat using real oximeter
- Measure BP using real cuff
- Breathing with multiple airways sounds
- Circulation multiple heart sounds/pulse sites
- Convulsions and tremors
- ECGs generated in real time
- Defibrillate, cardiovert, and pace using real devices
- Share images such as x-rays, CT scans, lab results
- Two Tablet PCs
- Includes 20 in "All in One" touchscreen computer and additional 17 in touchscreen monitor for vital signs and perinatal monitors
- Use our preprogrammed scenarios, modify them, or create new ones
- Includes Tetherless Newborn Tory
- Includes both vertex and breech birthing fetuses
- Precision programmable fetal delivery system for repeatable teaching exercises
- Force, torque and fetal position measured by sensors and graphed in real time with uterine contraction
- At least 30 obstetric scenarios that can be modified as the instructor requires

Please do not hesitate to contact us if you require additional information.

Sincerely,

***Odalys Suarez***

Customer Service - US  
Gaumard Scientific Co., Inc.  
Tel: 305-971-3790 Ext. 2168  
Toll Free: 1-800-882-6655  
[odalys.suarez@gaumard.com](mailto:odalys.suarez@gaumard.com)



February 21st, 2023

To Whom It May Concern:

Gaumard Scientific Company, Inc. located at 14700 SW 136 Street, Miami, FL 33196 is the sole provider and sole manufacturer for the following item: **S3040.100 Trauma HAL**.

The following features apply to the **S3040.100**:

- Rugged construction for combat, disaster, trauma care, and CBRNe simulation, even in the most demanding environments
- Completely wireless and Tetherless. All operating system components are housed inside the simulator
- Rugged shoulder and hip joints for field and evacuation exercises
- Splash proof for CBRNe water spray decontamination
- Use NATO litter; cover with blanket
- Control HAL<sup>®</sup> using rugged wireless tablet PC from up to 900 ft. away
- HAL is fully functional on battery power for point-of-injury care and care in motion
- Bleeding trauma limbs and wound sites for training emergency bleeding control techniques
- 1.5 liter "On-board" simulated blood supply; blood loss and blood reservoir level shown on tablet PC
- Fully operational on battery power or AC adapter. Internal rechargeable battery provides 10 hours of continuous use. Designed for fast scenario resets with easy to use fluid refill ports and interchangeable limbs
- Real-time CPR quality and performance feedback
- Built-in library of programmed scenario included; modify them; create your own
- Blinking eyes with light reactive pupils
- Software controlled fluid secretion at ears, eyes, or mouth. Mild and severe convulsions
- Intubate ET tube, LMA, or King LT. Programmable difficult airway with tongue edema and pharyngeal swelling
- Laryngospasm with tight seal preventing intubation. Surgical airway for cricothyrotomy, tracheostomy, and tracheal hook exercises
- Permits liquids in the airways for suctioning
- Streaming audio; "Be" the voice of Trauma HAL; Hear responses at distances up to 150 ft.
- Pre-record and program verbal responses in any language
- Palpable ribs and realistic chest cavity
- Shallow and deep needle decompression with audible hiss and needle placement detection. Bilateral chest drain sites
- Unilateral chest rise with right main stem intubation
- Automatic chest rise and fall with selectable respiratory patterns. Selectable anterior lung sounds
- Programmable heart sounds, monitor ECG using standard medical equipment. No special adapters required
- 12 Lead ECG option available
- Built in library of cardiac rhythms, Pacing, cardioversion, defibrillation
- Measure blood pressure using a real monitor



- Detectable oxygen saturation using standard OSAT monitors
- Brachial pulse at bend in the arm antecubital vein for IV training
- Software controlled visible cyanosis
- Radial, brachial, carotid, femoral, popliteal and pedal pulses are blood pressure dependent
- Supports sternal intraosseous infusion I/O (F.A.S.T.1 and more)
- Intraosseous tibia I/O access with replaceable tibia bones
- Lower arms and legs are easily replaceable with trauma stumps that bleed in sync with heart rate and blood pressure
- Bleeding wounds at axilla and groin can be packed using combat gauze and respond to applied pressure
- Sensors in the arm and legs respond to tourniquet application and applied pressure
- Bleeding from two arteries in the forearm and three arteries in the legs respond to tourniquet application
- Pressure on femoral artery reduces or stops distal bleeding in leg
- Visible gastric distention with esophageal intubation
- Internal fluid bladder with male genitalia for catheterization
- Bowel sounds in four quadrants

Please do not hesitate to contact us if you require additional information.

Sincerely,

*Odalys Suarez*

Customer Service

Gaumard Scientific

800-882-6655 (toll-free)

305-971-3790 ext. 2168

[odalys.suarez@gaumard.com](mailto:odalys.suarez@gaumard.com)

[www.gaumard.com](http://www.gaumard.com)



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# Gaumard®

Simulators for Health Care Education

February 21st, 2023

To Whom It May Concern:

Gaumard Scientific Company, Inc located at 14700 SW 136 Street, Miami, FL 33196 is the sole manufacturer of the **S315.400.M2 HAL Adult Multipurpose Airway and CPR Trainer**.

The following features apply to the **S315.400.M2**:

- Realistic airway which is manually programmable to include tongue edema, laryngospasm and pharyngeal swelling
- Use NP/OP tubes, ventilate, and intubate
- Realistic chest compression/recoil
- BVM produces realistic chest rise
- Intubate using conventional adjuncts
- Inflating lungs produces realistic chest rise
- Gastric distention
- Easy neck flexion and extension
- Unilateral chest rise with right main stem intubation
- Lungs can be disabled independently
- Surgical airway procedures such as tracheostomy and needle or surgical cricothyrotomy
- Supplied with normal and surgical cricoid cartilage inserts, allowing for longitudinal and transverse incisions
- Bilateral needle decompression at 2nd intercostal space
- Bilateral drainage at 5th intercostal space using conventional large diameter chest tubes
- Pneumatic controls powered by internal reservoir charged using supplied manual pump or a conventional BVM
- Multifunctional, compact, portable
- Eyes may be open or closed
- Adult male upper body and head
- Silicone face/head skin for realistic jaw thrust, head tilt/chin lift
- 1 year standard warranty

Sincerely,

*Odalys Suarez*

**Gaumard Scientific Co., Inc**

Tel: 305-971-3790 Ext. 2168

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Fax: 305-252-0755

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A global commitment to healthcare educators