



B0004127 NOTICE OF INTENT TO AWARD A SOLE SOURCE CONTRACT

St. Louis Community College intends to make a purchase which has been determined to qualify as a “Sole Source” purchase. The purpose of this “Notice of Intent to Award” is to publicly announce the college’s intent to award a Sole Source Contract for specific goods and/or services.

Any vendor who does not agree that the goods and/or services are available only from the contractor determined to be a sole source may protest the “Notice of Intent to Award by contacting the Purchasing Department within eight (10) calendar days of the date this Notice is posted. Your protest must be in writing and describe the basis for the protest. Please submit your protest via e-mail to and include the following in the Subject line: PROTEST OF NOTICE OF INTENT TO AWARD SOLE SOURCE CONTRACT.

Notice Date: September 8, 2021

Response Due Date: September 20, 2021

Vendor Name: Hamilton Medical

Product or Service: C3 Ventilator and H900 Humidifier

Description: C3 Ventilator

The C3 ventilator is a modular high-end ventilation solution. The C3 ventilator features the “Ventilation Autopilot” INTELLiVENT-ASV®. The compact design and independence from compressed air allow maximum mobility. The integrated high-flow turbine guarantees an optimal pneumatic performance even in the presence of leakage (NIV). Adaptive Support Ventilation (ASV®) maintains an operator-set minute volume, and continuously determines respiratory rate, tidal volume, inspiratory pressure, and inspiratory time automatically depending on the patient’s lung mechanics and effort. ASV adapts ventilation breath-by-breath, 24 hours a day, from intubation to extubation. The C3 ventilator provides a tidal volume range of 20ml – 2000ml for adult or pediatric patients. This allows for the effective, safe, and lung-protective ventilation of all patient groups. Hamilton Medical’s intelligent ventilation modes ASV and INTELLiVENT-ASV, automatically employ lung protective strategies to minimize complications such as Auto-PEEP and volutrauma/barotrauma.

H900 Humidifier

The H900 humidifier has been developed with focus on ease of use and patient safety. All connections for the humidifier are contained in a single breathing circuit set, which enables one-handed operation. Due to the ergonomic design, the user interface is visible and provides necessary information. H900 is designed to provide humidification and heating of medical gases for adult, pediatric, and neonatal patients – with all commonly used respiratory therapies:

- Invasive ventilation
- Noninvasive ventilation
- High flow oxygen therapy
- nCPAP and Bubble CPAP

The H900 humidifier allows for manual adjustment of the chamber exit temperature and the temperature gradient in the circuit. This ensures gas are delivered at the required rate of humidity and reduces the risk of condensation forming in the circuit.

The H900 comprises of two components: The wall-heated breathing circuit set and the humidifier base. This saves time and facilitates handling of the humidifier, as well as reducing the risk of contamination. The breathing circuit sets can be used for up to 28 days per patient.

The H900 automatically checks each tube connection, as well as identifying the water chamber and circuit types. In addition, the humidifier automatically detects high and low water levels, and generates an alarm when it is running low on water. Ensuring the patient is ventilated with appropriate humidification protects the functionality of mucociliary clearance.

Buyer:

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