Admn//Prop/13/2018-AIIMS.JDH Dated: - 28th May 2018

Subject: Purchase of Cold Radio Frequency Machine for the department of Anesthesiology at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Cold Radio Frequency Machine for the department of Anesthesiology at AIIMS, Jodhpur from M/s Halyard Health, Inc. and PAC certification by user are attached.

The above document are being uploaded for open information to submit subjection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/13/2018-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 22nd June 2018 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

Administrative Officer

Enclosed: Related documents enclosed.

HALYARD

16 January 2018

PROPRIETARY CERTIFICATE

This document certifies that the COOLIEF* Cooled Radiofrequency Pain Management System including the PMG 230 ADVANCED V 4.2 and associated components including, but not limited to, components for COOLIEF* TRANSDISCAL* Disc Biacuplasty, Cooled Radiofrequency COOLIEF* SINERGY Sacroiliac Cooled Radiofrequency, COOLIEF* Thoracic Cooled Radiofrequency, COOLIEF* Cervical Cooled Radiofrequency , COOLIEF* Lumbar Cooled Radiofrequency, COOLIEF* Kneel Cooled Radiofrequency, COOLIEF* Hip Cooled Radiofrequency, and COOLIEF* Multi-Cooled RF Module for placement of multiple Lesions at once are proprietary products of **Halyard Health, Inc.**

This is no other manufacturer of these products or systems having the published specifications in our product brochures. These products and systems are covered by patents including, but not limited to, US 6,896,675; US 7,163,536; US 7,294,127; US 7,819,869; US 7,824,404; US 8,043,287; US 8,343,146; US 8,361,063; US 8,518,036; US 8,740,897; US 8,864,759; US 8,882,755; US 8,951,249; US 9,364,281 and their counterparts in many countries.

Yours sincerely

Karl V. Sidor
Associate General Counsel

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Annexure-I

S.No	Item	Technical Specification	Qty
01.	Cold Radio Frequency Machine	1. Pain management RF Generator should be suitable for treatment of chronic spinal pain including discogenic, sacroiliac joint, thoracic & lumber Z joint pain. 2. Should be able to perform standard RF & pulsed RF Lesioning while maintaining nonlethal temperatures 3. Should have automatically adjusted power to attain set temperature and ramp rate to set temperature in standard RF Mode. 4. Should have manually adjustable power to obtain desired temperature in both the standard and Pulsed modes. 5. Should give visual confirmation of stimulation output and user friendly descriptive messaging. 6. Should have facility to perform Cooled R F procedures without using additional temperature sensing probes, providing large volume spherical lesions without tissue charring 7. Should be complete including the cooling unit, disposable probe kit for performing cooled RF Transdiscal & Intradiscal procedures. 8. Should be upgradable in future to perform multiple RF treatment by providing lesions simultaneously at 4 different site with independent impedance monitoring of all 4 probes during procedure 9. Should have touch screen LCD display to view and select the various parameters like temperature, power, voltage impedance values and online graphs of temperature and power with respect to procedure time. 10. The RF treatment should automatically cut off when the high impedance or low impedance is detected and give error signals with possible rectification of error. 11. Should verify cannula placement before lesioning using sensory and motor stimulation frequencies. 12. Radio frequency output should be 460.8 KHz+-1% Quasi sinusoidal with maximum output power of 50W. 13. Should have Stimulation Amplitude from 0.0-10 V, 0.1V increments in voltage mode and 0.0-10mA in increments of 0.1 mA. In Current mode 14. The frequency of stimulation rate should be variable from 1 shot-200 Hz in 10 steps. Pulse duration of stimulation should be variable from 0.1ms-1.0 ms. 15. The supplier need to provide the individual prices of all the consumables/disposables required for operation of the system. 16. System should be supplied with the following a. Pump unit for cooled RF - 01 No. b. Transdical Cooled Probe kit 17gx 150 mm – 05 Nos. c. SIJ Cooled RF Probe kit 17g x 150 mm - 05 Nos. d. Thoracic Pain Cooled RF Probe Kit 17gx 75 mm -05 Nos. e. RF Probes Length 54mm, 100mm and 145mm - 01 no. Each f. RF Cannula 54mm, 100mm and 145 mm - 10 nos. Each	01

Professor & Head
Deptt. of Anaesthesiology
Dr. S. N. Medical College
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