

**HSCC (I) Ltd**

**Amendment –II Dated, 06.03.2020**

**Tender Ref : HSCC/SJH/Medical Equipment /2020/44 Dated : 29.01.2020**

**Subject: Technical Amendment Extension of Bid submission Date.**

**Tender Ref: HSCC/SJH/Med.Eqpt./2020/44 Dated 29.01.2020**

**Name of Item:1, Angiography System for Interventional & Hybrid Procedure Including TAVI Qty.1**

<b>Sr. No.</b>	<b>Tendered Specification</b>	<b>To be read as</b>
A 1	All movements should be motorized with C-Arm angulations of minimum RAO/LAO+120 deg. /-120 deg. CRAN/CAUD + - 40 deg	All movements should be motorized with C-Arm angulations of minimum RAO/LAO+115deg. /-105deg. CRAN/CAUD + - 40 deg
D3	X-ray tube should be with a minimum of two focal spots (small & Large), preferably three focal spots. The small focal spot should not be more than 0.4 mm and large focal spot should not be more than 0.9 mm	X-ray tube should be with a minimum of two focal spots (small & Large), preferably three focal spots. The small focal spot should not be more than 0.4 mm and large focal spot should not be more than 1 mm
<b>12. Page -61</b>	<b>F) DIGITAL IMAGING SYSTEM:</b>  12.vii) <b>The system should have cross-sectional CT like imaging for cardiac based on rotational angiography.</b> The 3D CT images should be of high resolution and high diagnostic quality.	<b>F) DIGITAL IMAGING SYSTEM:</b>  12.Vii) The system should have Crosssectional <b>CT like imaging/3D rotational angio</b> for cardiacimaging.The 3D CT images should be of high resolution and high diagnostic quality for anatomies like aorta, Left atrium and Pulmonary veins etc
Clause L ) UPS Page 62	Suitable online UPS of at least <b>120 KVA</b> capacities with 30 min. battery backup for complete Cath Lab including cine and fluoroscopy. Emergency lighting should also be on UPS	Suitable online UPS of at least <b>160 KVA</b> capacities with 30 min. battery backup for complete Cath Lab including cine and fluoroscopy. Emergency lighting should also be on UPS
M) Essential Accessories to be Supplied: Point 11 xi) Page No.62	Radiation protection pads for patient at least 40 in number.	Deleted
Clause M )2 Local Accessories	Lead glass at <b>least 100 x 150 cm</b> for console room to have complete view of the patient.	Lead glass at <b>least 100 x 120 cm</b> for console room to have complete view of the patient.
Clause N,Point 4 ( Page no 62)	Main door of OT area to be shifted and fixed to corridor entrance.	Deleted
Clause N, Point 5 ( Page no 63)	Lead Glass window and lead door to be provided on console and examination room common wall. Second lead lined door to be provided in the examination room for patient entrance.	Deleted
Clause N,Point 14 ( Page no 63)	Fire extinguisher system for composite Hybrid OR .The fire protection system must include high sensitivity smoke detectors, <b>a sprinklersystem for the entire structure and a clean agent system (eg.Inergen/FM200 or equivalent) for fire within closed compartments</b>	Fire extinguisher for composite Hybrid OR The fire protection system must include high sensitivity smoke detectors and a fire panel.
Clause N, Point 18 ( Page no 63)	OT Wall - Supply and installation of wall, Sloping & Ceiling of pre-fabricate modular Operation Theatre with 1.6 mm EGP (Zink Passivated) as per is 277, backed by 12 mm thick gypsum board with proper supports etc. As required complete with all accessories	Existing OT finishes to be retained even if few modifications are required

	toprovide a seamless operating room. 19. Filling of all joints and cavities with metallic epoxy filler and sander flush to provide a joint less finish and them sprayed with water based anti-Bacterial, Self-sterilizing point to a depth of 300 microns with primer.	
Site Modifications work Page no 63	It also provides a diffused shadow less lighting system with a control on the intensity of luminance by using high frequency electronic fluorescent tubes and ballasts.	Existing finishes of Laminar flow to be retained
Site Modifications work Page no 63	Sliding, hermetically sealing Motorized lead door of <b>size 1500 x 2100 mm</b> having high density particle board cores high pressure laminated faced on both sides, viewing window 600 x 600 mm and for smooth effortless sliding, the doors run on nylon wheels within analuminum extrusion track.	Sliding, hermetically sealing Motorized lead door <b>of appropriate Size</b> having high density particle board cores high pressure laminated faced on both sides, viewing window 600 x 600 mm and for smooth effortless sliding, the doors run on nylon wheels within an aluminum extrusion track.
Turnkey Works		Lay-out drawing already provided. All Trunkey works to be carried out by the bidder as per tender conditions & site conditions & requirements.

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**Name of Item:2, Single Chamber Pacemaker**

<b>Sr. No.</b>	<b>Tendered Specification</b>	<b>To be read as</b>
Point No. 10	It should provide atleast 30 seconds operating time during battery change out.	Deleted
Point No. 8	It should have 9volt alkaline batteries with a battery life atleast30 days under typical conditions.	It should have 9 V alkaline /1.5 V AA batteries with battery life more than 15 days under typical conditions.
Point 13	It should have lock feature to prevent accidental change of parameters.	It should have transparent Sliding Cover to Lock the Knobs.
Point 14	It should have auto lock function after 60 seconds of inactivity.	Deleted

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**Name of Item:5 Cell Shaver**

<b>Sr. No.</b>	<b>Tendered Specification</b>	<b>To be read as</b>
Point No. 3	The centrifugal bowl size for blood processing should be 150-200ml and the system should have a two stage filling cycle.	The centrifugal bowl size for blood processing should be 130-200ml and the system should have a two stage filling cycle.
Point No. 9	Beside the RBC separation and washing it should able to sequester plasma and platelet from salvaged blood in separate bags.	Beside the RBC separation and washing it should able to sequester plasma from salvaged blood in separate bag.

The reply of pre bid queries of following item tendered is awaited .

Item No. 03, Ultrasound Cum Echo Color Doppler

The bid submission date for Item No.1-5 is extended from 06.03.2020 to 13.03.2020.

All other terms and conditions of the tender enquiry documents including Amendments issued so far shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website and CPPP Website for the Corrigendum/amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the newspaper in this regard

**CGM (Proc)**  
**HSCC (I) LTD**