

**Response to Pre-bid Queries (Pre-bid Meeting held on 10.10.2019)**  
**NIB Ref: HITES/PCD/NCI-AIIMS/43/19-20**





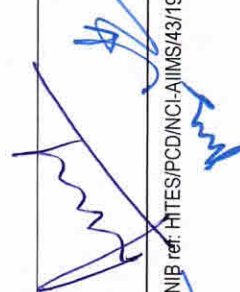
Tender ID: 2019\_HLL\_32911\_1 (IORT Machine - Electron Based)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 46, Para v & vi	v) Calculate dose distribution using Pencil Beam algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding); and vi) Calculate dose distribution using electron Monte Carlo algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding)	Sordina IORT Technologies spa	Kindly be hereby notified that such specification describes a feature of the TPS provided only by IntraOp with Mobetron. For this reason it is completely excluding LIAC HWL and its relevant IORT ECHO TPS system.  Based on the above, it is requested to delete para v.	<b>To be amended as:</b> v) Calculate dose distribution using Pencil Beam algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding); <b>and/or</b> vi) Calculate dose distribution using electron Monte Carlo algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding)
		Sordina IORT Technologies spa	Please confirm that there is no restriction regarding the size of the file/files that can be uploaded and advice if it is possible to upload multiple files or only one file containing the whole tender is required.	Bidder should submit multiple/single file(s) in the given different slots. Regarding size, type of files, any other queries related to filing of e-tender, etc., one should go through the 'FAQ' and other help menu in the home page of CPP Portal.
		Sordina IORT Technologies spa	Please confirm that only three documents that must be submitted also in physical form are the following :- Integrity pact, tender processing fee and the bid security	Yes. All these documents to be scanned and uploaded online and submitted in original as per note under GIB clause no. 11.1 at section-II of the Bid Document.
		Sordina IORT Technologies spa	Please confirm if a declaration with company's bank account details must be provided at this stage	Yes, the same is required for future payment. However, in case of opening of LC, the details of Account may be submitted at the time of submission of Proforma Invoice against order, if issued.
		Sordina IORT Technologies spa	At point 12 of the check list it is requested to accept all terms and conditions of the bidding document. However, no format is provided for tender terms acceptance. Please confirm if each bidder can submit its own format.	The 'Bid Form' at Section IX is such format for confirmation of acceptance of all terms.



## Tender ID: 2019\_HLL\_32911\_3 (Mobile CT Scanner for IORT)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendations
Page 53, Para 1.1	The system should be a 32 Slice mobile CT Scanner. The imaging should be thin section and of high quality image	India Medtronic Pvt. Ltd.	The system should be a 32 slice <b>or equivalent system</b> mobile CT scanner. The imaging should be thin section and of high quality image. <b>Remarks:</b> O-Arm is a CONE BEAM CT and subjectively/quantitatively equivalent to a 32 slice CT. Slice based CT is only observed in fan beam CT.	No change considered
Page 53, Para 1.4 -b)	b) X-ray Tube Current: up-to 250 mA or more	India Medtronic Pvt. Ltd.	X-Ray Tube Current- <b>100mA</b> or more <b>Remarks:-</b> X-Ray tube current upto 100mA. Higher current is required only for procedures specific such as angiography, etc.	No change considered
Page 53, Para 1.6	The system should have a bore size of 85 cm or more suitable for Intraoperative radiotherapy	Brainlab India Pvt Ltd	The system should have a bore size of minimum 100 cm in order to allow its usage in Brachytherapy applications.	No change required
Page 53, Para 1.7	The X-Ray detector system should have solid state detector with at least 1.25 mm to 10mm detector width to generate multi slice CT images of soft tissue and bone.	India Medtronic Pvt. Ltd.	The X-Ray detector system should have solid state detector with at least 1.25 mm <b>or more</b> detector width to generate multi slice CT images of soft tissue and bone. <b>Remarks:</b> O-arm is a cone beam CT and can deliver the required high quality scans with volumetric acquisition. Hence other scan types which are available in fan beam CT are not possible.	<b>To be amended as:</b> The X-Ray detector system should have solid state detector with <b>generated slice thickness ranging from 1.25mm to 10mm.</b>
Page 53, Para 1.9	The system should have capability for both axial and helical scan.	India Medtronic Pvt. Ltd.	System should have different scan modes. <b>Remarks:</b> O-Arm is a cone beam CT and can deliver the required high-quality scans with volumetric acquisition. Hence, other scan types which are available in fan beam CT are not possible.	No change considered

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendations
Page 53, Para 1.10	The system should allow motorized transportation with a front view camera for easy movement of the system between different Operating Rooms thus adding to its higher utilization	India Medtronic Pvt. Ltd.	The system should allow motorized transportation for easy movement of the system between different Operating Rooms thus adding to its higher utilization. <b>Remarks:</b> O-Arm has telescopic door opening and hence, does not need a front view camera while transportation.	No change considered
Page 53, Para 1.11	The system should be compatible with OT table for precise imaging in OR	Brainlab India Pvt Ltd	The system should be fully integrated with a compatible OT Table and CT gantry should run on the rails for precise imaging in OR	No change required
Page 53, Para 1.13	The system should have small footprint that allows transport through standard doorways and elevators.	Brainlab India Pvt Ltd	The weight of the mobile CT system should not exceed 1000kgs to enable easy mobility of the system between various floors of the institutions for its intended use across various areas of the institute.	No change required