

SCH 01. Pneumatic Tube Transport System (PTT System) (Rfx no. 3000002184)

Sl. No	Tender Page & Para	TENDER SPECIFICATION	NAME OF THE BIDDER	REPRESENTATION RECEIVED FROM THE BIDDERS	COMMITTEE RECOMMENDATION
1	Page 11 Para xviii	Copies of quality certificates, if applicable, namely, BIS, ISO, FDA, CE, etc.	Srishty Medical Pvt. Ltd	It should be read as Copies of quality certificates, if applicable, namely, ISO/CE/EN, etc Justification: BIS and FDA certification not applicable in case of Pneumatic Tube Transport System	Amended as : Copies of quality certificates, if applicable, namely, BIS/ISO/FDA/CE or design standards like HTM etc as and where ever applicable.
2	Page 44 Para 3.	Scope of Work: The 160mm diameter Carrier or Container should be able to carry loads weighing upto 7 kg.	Srishty Medical Pvt. Ltd	The 160mm diameter Carrier or Container should be able to carry loads weighing 3-5 kg Justification: Prescribe Load is 5 Kg, if load increased the Speed of Carrier will reduce, The travel time will increase. Also the volume of the carrier will not allow to accommodate goods more than 5 kg. This also pushes the blowers and devices on over drive and consequently causing possible system failures.	Amended as : The 160mm diameter Carrier or Container should be able to carry loads weighing upto 5 kg.
3	Page 44 Para 6.	Scope of Work: The bidders must quote the STTC (Supply, Installation, Testing & Commissioning) cost per Front Load Station.	Srishty Medical Pvt. Ltd	This point should be deleted. Justification: Front load stations is already mentioned in the BOQ to Quote. Separately this point only causes confusion.	Amended as : DELETED
4	Page 44 Para 7.	Scope of Work: Service engineer of PTT system shall be deployed in the NCI campus 24 x 7 basis to attend to maintenance for period of ten years.	PES Installations Pvt. Ltd.	Our submission is that kindly mention how many persons to be deployed per shift and also make provisions for it in the BOQ of the tender.	Amended as: Minimum One technical personal of bidding firm for PTT system shall be deployed from 8am to 8 pm in the NCI campus for an initial period of One Year to attend to maintenance and training of Institute personnel and subsequently should be available on need basis.
5	Page 46 Para III.1	Side Channel Blower with speed control (VFD) Independent Blowers of maximum power consumption of 6 KW, 3-phase 400v/50Hz power rating, low noise, unidirectional rotation with electronic air switch to switch between compressed air and vacuum.	Srishty Medical Pvt. Ltd	Independent Blowers of maximum power consumption of 4-6 KW, 3-phase 400V/50Hz power Justification: Blower Rating should not be Fixed to maximum of 6KW. A range should be provided so that bidders do not Quote Under Rated Blowers.	Amended as: Independent Blowers with speed control (VFD), low noise, unidirectional rotation with electronic air switch to switch between compressed air and vacuum.

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12	Page 48 Para IX. (lines)	Line Transfer Zone Mechanism : (minimum 8 lines) The PTT system should be provided with a "Line Transfer Zone Mechanism" which allows the interface between all the transport lines of the PTT system, so as to allow smooth transfer of carriers between the transfer lines, providing smooth and uninterrupted operation of the PTT system.	PES Installations Pvt. Ltd.	Our submission is that with your workload flow in phase 1 and phase 2, you should ask for 10 Line Transfer Zone mechanism instead of 8 line transfer zone mechanism. So request for change from 8 line to 10 line transfer zone mechanism for smooth and uninterrupted operation of the PTT system.	Para IX Amended as : Line Transfer Zone Mechanism The PTT system should be provided with a "Line Transfer Zone Mechanism" which allows the interface between all the transport lines of the PTT system, so as to allow smooth transfer of carriers between the lines, providing smooth and uninterrupted operation of the PTT system. The Line Transfer Zone Mechanism should have the following features: a. Contactless positioning, two direction operation. b. Carrier designated as "Emergency-Carrier" should be able to physically overtake the normal carriers in the PTT system within the Line Transfer Zone Mechanism using line prioritisation. c. Amended as : DELETED d. Amended as : DELETED e. The Line Transfer Zone Mechanism shall operate without any manual intervention.
13	Page 48 Para IX.d (lines)	Line Transfer Zone Mechanism : (minimum 8 lines) The Line Transfer Zone Mechanism should have the following features: Should be able to accommodate multiple carriers within the Line Transfer Zone Mechanism, so as to prevent stacking of carriers within the incoming lines.	Srishty Medical Pvt. Ltd	Should be able to accommodate multiple carriers within the Line Transfer Zone Mechanism, Justification: The bidder should be allowed to provide latest and best of the technologies without restriction and preventions.	
14	Page 49 Para XI	Forwarding Tube: The forwarding tube should be made of medium density PVC of 160 mm Outer Diameter and 153 mm (approx.)	Srishty Medical Pvt. Ltd	forwarding tube should be made of medium density PVC of 160 mm Outer Diameter and thickness of 3.2mm (approx.) Justification: As per Specification 160 mm Outer Dia. Tube Thickness is always 3.2mm. The mentioned Specs are Universal.	Amended as: Forwarding Tube: The forwarding tube should be made of medium density PVC of 160 mm Outer Diameter with minimum wall thickness of 3 mm (approx.) 2.
15	Page 51	XXI - Bill Of Quantity (BOQ)	Benson Medical Equipments (India) Pvt. Ltd.	When is expansion of PTT to other blocks planned? The unit rates cannot be held valid for indefinite period of time. Please clarify	BOQ have been replaced with new BOQ with necessary changes.

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16	Page 52 Para 12	XXI - Bill Of Quantity (BOQ) 160mm Pipe clamp, Screw bolts, Cable Tie, Clips, 90 Deg Bends for Air Tube, Dowel, PVC Conduit for Cable, Baskets, Cushion, insert for carrier PU Foam including other misc. items 1st Phase Qty & 2nd Phase Qty - lump sum	PES Installations Pvt. Ltd.	Our submission is that to bring everyone on the same platform some quantity of these items should be mentioned in the BOQ of the tender document. Also you have not provided drawing with station location for us to calculate the Qty of pipes and accessories.	BOQ have been replaced with new BOQ with necessary changes. Added Para: The drawings of hospital block, OPD block and Diagnostic block indicating the tentative station locations site can be obtained from the Project Office NCI - AIIMS, Room no. 160, 1st floor, DBRARCH, AIIMS, New Delhi. The location of stations is approximate in nature and may vary by approx 10 meters on same floor if required at the time of award of work.
17	Page 52 Para 12 & 13	XXI - Bill Of Quantity (BOQ) 160mm Pipe clamp, Screw bolts, Cable Tie, Clips, 90 Deg Bends for Air Tube, Dowel, PVC Conduit for Cable, Baskets, Cushion, insert for carrier PU Foam including other misc. items 1st Phase Qty & 2nd Phase Qty - lump sum Tubing material suitable for 160 mm system including 160mm Tube, Air tube, Bends, Endpiece, Sleeve, Special Adhesive Glue, Cleaner for PVC Tube, System cable & Mounting tools etc 1st Phase Qty & 2nd Phase Qty - lump sum	Srishty Medical Pvt. Ltd	160mm Pipe clamp, Screw bolts, Cable Tie, Clips, 90 Deg Bends for Air Tube, Dowel, PVC Conduit for Cable, Baskets, Cushion, insert for carrier PU Foam including other misc. items. As these are lumpsum quantities, NO Additional items will be Ordered after Award of Contract and During Installation, Commissioning and handing over of the project. Bidders must calculate adequate amount of Line Materials of their own as per layout plans & station locations. Tubing material suitable for 160 mm system including 160mm Tube, Air tube, Bends, Endpiece, Sleeve, Special Adhesive Glue, Cleaner for PVC Tube, System cable & Mounting tools etc As these are lumpsum quantities, NO Additional items will be Ordered after Award of Contract and During Installation, Commissioning and handing over of the project. Bidders must calculate adequate amount of Line Materials of their own as per layout plans & station locations. Justification: As the Tender for PTTs is Design and Build, all bidders must calculate adequate amount of Line materials of their own as per Layout plans provided to complete the installations in one go.	BOQ have been replaced with new BOQ with necessary changes.

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Response to Pre-Bid Queries (Pre-Bid meeting held on: 21.09.2017)

NIB Ref: HITES/PCD/NCI-AIIMS/01/17-18 Dated: 11.09.2017

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COMMITTEE RECOMMENDATION

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18	Page 52 Para 13	Tubing material suitable for 160 mm system including 160mm Tube, Air tube, Bends, Endpiece, Sleeve, Special Adhesive Glue, Cleaner for PVC Tube, System cable & Mounting tools etc 1st Phase Qty & 2nd Phase Qty - lump sum	Benson Medical Equipments (India) Pvt. Ltd.	(i) Since Routing Distances and drawings are not available in tender, Unit rate for Major Tubing material like 160 mm tube, bends shall be quoted and considered for appropriate comparison between bids (ii) Do the tubes need to be routed Overhead or underground or both between blocks. Please clarify. (iii) Drawings of Entire Hospital are required for better understanding and effective bidding. We also need location of plant room.	BOQ have been replaced with new BOQ with necessary changes.
19		Suggested by Bidder	Srishty Medical Pvt. Ltd	Kindly provide Estimated Cost of PTTS.	No change considered.
20		Suggested by Bidder	Srishty Medical Pvt. Ltd	Inclusion of Point in Tender Document Station Locations and Layout plans. Justification: Station Locations and layout plans are required to design the PTT System.	Addressed in point no. 16 above.
21		Suggested by Bidder	Med Fresh Pvt Ltd	1. Call of empty carriers - The transfer zone should have at least 5 empty cartridges with empty carriers, from where empty carriers can be called in from the stations directly in the time of emergency. 2. The transfer zone should have multiple transactions happening simultaneously to ensure no Bottleneck. 3. Compulsory Demonstration – The bidder should demonstrate running system, with similar components as quoted, in India (preferably NCR), for Technical evaluation.	No change considered.
22		Point X: Diverters (Three way)			Amended as : DELETED
23		In BOQ point no 5. Diverters 160mm, 3 Way, Air tight, steel housing. Provided with Optical Sensor			BOQ have been replaced with new BOQ with necessary changes.

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24	Pg. 42, Part II Para (a)	For Imported goods directly from foreign: 90 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading/Airway bill. (Bidders may quote the earliest delivery period). Installation and Commissioning shall be done at the earliest but not later than 45 days of delivery of goods at site or date of handing over the site for installation, whichever is later. For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.	Benson Medical Eqpts. (India) Pvt. Ltd.	Proposed amendment: The suppliers may take more than 90 days to be delivered at the site. So delivery in upto 120 days from the date of opening of LC should be allowed.	To be amended as: Supply, installation and commissioning to be completed within 120 days from the date of opening of LC or date of layout drawing approval, whichever is later. (In case layout drawing approval is applicable, it should be submitted by the supplier within 21 days from the date of release of NOA.) For delayed delivery and/or installation and commissioning liquidated damages will get applied as per GCC clause 23.
25		Suggested by Bidder	Srisky Medical Pvt. Ltd	A declaration to be submit stating that "We (name of the company) hereby confirm that we do not stand Deregistered/ Debarred/ Blacklisted form any Government Department/ agency." Justification: To prevent malafied, unscrupulous bidders to bid.	This declaration is already covered under 'Bid Form' at Section-IX and if not complied the submitted bid shall be rejected as per GIB clause 27.4 (ix) at Section-II of the Bidding Document.
26	Page No- 11, Clause No-vii and NIB Section-8, Page No-115	Performance Statement as per section VIII along with relevant copies of orders and end users' satisfaction certificate.	Srisky Medical Pvt. Ltd	To be Added In order copies Units & Unit prices must be hidden/sanitised and only total order value should be visible. Justification: Prior to opening of price bid, prices should not be disclosed.	Accepted

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