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**FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF “PNEUMATIC TUBE SYSTEM” IN NEWLY CONSTRUCTED CANCER CARE HOSPITALS AT
DIFFERENT LOCATIONS IN ASSAM**

Ref: ACCF/PTS/2021-22/24 Date 17.08.2021
CORRIGENDUM No. 2

Date: 18.09.2021

Bid submission date extension:

Sr.No.	Tender Clause No	Existing Term	Amendment
1	Important Dates of e-Tender	<ul style="list-style-type: none">- Last Date & Time of online bid submission Date: 20.09.2021, Time: 1530 Hrs- Submission of key-documents in originals. Date: 20.9.2021 Time: 1600 Hrs	<ul style="list-style-type: none">- Last Date & Time of online bid submission Date: 28.09.2021, Time: 1530 Hrs- Submission of key-documents in originals. Date: 28.9.2021 Time: 1600 Hrs

Other Amendment /Clarification are mentioned below (since BoQ has also been revised, the revised BoQ shall prevail in case of any further query or conflict. Bidders be informed accordingly):

S No	BID clause no.	Query raised/ Request for Changes	Clarification / Amendment
1	2.8.1 The bid must remain valid for minimum period of 210 days from the last date of submission of bid. The Tender Inviting Entity as non-responsive shall reject a bid valid for a shorter period (less than 210 days). The bid must remain valid for minimum period of 210 days from the last date of submission of bid. The Tender Inviting Entity as non-responsive shall reject a bid valid for a shorter period (less than 210 days).	Clause needs to be amended as maximum bid validity to be 90 days. in light of recent developments concerning the global shortage of raw materials. The prices of plastics (such as PVC) & steel (such as stainless steel) are rising. This means that means price will increased the most. So it is very difficult to maintain price validity for 1 year from the date of LOI. it is applicable for every manufacturer.	2.8.1 The bid must remain valid for minimum period of 120 days from the last date of submission of bid. The Tender Inviting Entity shall reject a bid which is valid for a shorter period (less than 120 days). The bid must remain valid for minimum period of 120 days from the last date of submission of bid.
2	3. Tender Details SN.5 Performance Security -5% of the contract/order value (from the successful bidders). Bidder is required to submit 2% of the rate contract value initially and balance 3% at the time of issue of Purchase/Work Order against each PO of that PO value.(any adjustment will not be considered)5% of the contract/order value (from the successful bidders). Bidder is required to submit 2% of the rate contract value initially and balance 3% at the time of issue of Purchase/Work Order against each PO of that PO value.(any adjustment will not be considered)	Kindly clarify the points -- especially the word - "time of issue of Purchase / work order against each PO of that PO value.	3. Tender Details SN.5 Performance Security -5% of the contract/order value (Excluding GST). Successful Bidder is required to submit 2% of the rate contract value initially and balance 3% at the time of issue of Purchase/Work Order against each issued PO of that PO value (or of contract value whichever is higher)(any adjustment will not be considered)
3	4.2 Prescribed Timeline, Comprehensive warranty period -2 years from the date of Commissioning Comprehensive warranty period - 2 years from the date of Commissioning	Comprehensive warranty should be 5 years from the date of handing over the system. This is the only way hospital can get the good installation.	No change.
4	Bid Security/ EMD amount: 300000 three lac rupees	BID security Declaration(you are requested to kindly delete the requirement of Bid security/EMD as per GOIs notification No.F.9/4/2020-PPD dated 12.11.2020 the firm	No change

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		registered with MSMEs are exempted to submit Bid Security. Notification is attached along with Bid security declaration form) or(Reduce the Bid security/EMD amount to Rs.100000/- as was done in Alamelu Charitable Foundation (ACF) Tender for the same project.We have submitted Bank Gurantee of Rs. 100000/- which must be released to enable us to issue fresh Bank gurantee as amount requested I.e Rs 100000/-) Or(Please treat the above submitted Bid Security/EMD valid and submitted for Fresh Tender)	
5	7.1 Technical Specifications SN.1.4 and Compliance Sheet (The equipment must be supplied with relevant Declarations of Conformity to certify compliance with the EMC directive 89/336/EEC-92/31/EEC and the Machinery Safety Directive 89/392/EEC91/368/EEC-93/44/EEC.DIN regulations: Tubing (PVC-U) must meet DIN 6660/6661 regulations - DIN8061/62 Group B1 specification. Fire: The equipment must meet the inflammable category B1, difficult inflammable. Fire: self-extinguishing: Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. The Bidder must submit the	DIN 6660/6661 are in favor of imported systems. India has so many uPVC manufacturer and well defined BIS/ISI standard for the same. It has to be included. We have Finolex, Supreme, Astral etc many world class uPVC makers.	DIN 6660/6661 is specifically for pneumatic tube system hence it is necessary

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	factory Test report, dispatch Lot details and the proof of country of origin)		
6	7.1 Technical Specifications SN.1.5 All Items & Compliance Sheet (all items and accessories should be of Imported (Except PC and nut and bolts) and comply with the below specifications)	Why imported ?? Agenda is to inflate the cost and not allow Indian manufacturer(Vahiny) to participate into tender.	Indigenous items are acceptable subject to fulfillment of the specification and standards
7	Technical specifications - SN - 4.3The Pneumatic Station should be made for longer life, maintenance free mechanism, with self-adjusting optical switches, with self-adjusting maintenance free gaskets for noise less operations, contact less sensing of the unit positions. At terminal / end stations where air-exits should be installed 1D special filter housing with H13/H14 plus prefilter; and at blowers should be installed 2D special filter housing with T-connect and H13/14 plus prefilter.	FRONT-LOADING STATIONS -> WITH ACRYLIC TRANSPARENT DOOR FRONT-LOADING STATIONS -> WITH ACRYLIC TRANSPARENT DOOR - does not required to install 1 D special filter; installing filter on bottom loading stations is simple not possible.	Alternate better technology is acceptable subject to fulfillment of tech specifications & functionality requirement as per tender.
8	Technical specifications - SN - 4.2Inserting a container into the Pneumatic Station and selecting a target number should be possible. The container should be loaded on the top/ front side of the Pneumatic Station.	The Container should be Front Loading. Reason already clarified why need Front load with transparent door stations.	No change
9	2.20.3 The right of the Tender Inviting Entity to inspect, test and, if necessary, reject the goods after its arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by its technical representatives during demonstration as mentioned above. However, the ground of rejection needs to be recorded with evidence	If found any discrepancy tender must be reject without any clarification. It has been offered some of the indian distributor have done mix & match & supply substandard materials which is completely not acceptable at healthcare premises.	No change

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	that the item supplied are not in conformity with the technical specification as prescribed.		
10	2.21.2 Price offered shall be in Indian Rupees only. Price should be quoted for the supply, installation, training (wherever necessary) and successful commissioning of the accessories and fulfillment of warranty/guarantee and after sales service to the satisfaction of the user Institution/facility.	Kindly add options to quote foreign currency. Considering the present crisis of the economy. If the hospital authority / AICF/ or Gov. of Assam issued an direct order to the OEM and open LC in favor of OEM - then 3 important things can be confirmed. (a) Guaranteed 100% imported materials, no indigenous materials will be supplied (b) Good price © It is most feasible way to work - make an try-party agreement between -- tendering authority Vs. OEM and Local distributor (who are responsible for installation, and further maintenance of system)	No change
11	2.3.4.5 The contract price (rate) shall remain firm for a period of 1 year from the date of Lol or signing of the Contract agreement (whichever is later) and not subject to variation on any account. A bid submitted with an adjustable/variable price quotation will be treated as non - responsive and rejected. Rate validity may be increased beyond one year on mutual consent.	Clause needs to be deleted. in light of recent developments concerning the global shortage of raw materials. The prices of plastics (such as PVC) & steel (such as stainless steel) are rising. This means that means price will increased the most. So it is very difficult to maintain price validity for 1 year from the date of LOI. it is applicable for every manufacturer.	No change
12	4.2 Prescribed Timeline 4.2.9 Maximum time to attend any Repair call -Within 48 hours Maximum time to attend any Repair call - Within 48 hours	In line of cancer hospital & PTS is emergency logistic solutions of the hospital , response time should be within 8 hours. If tenderer allow 48 hours for response time then what is the use of PTS? If response time is 48 hours then how you justify 97% uptime on your next sub-clause.	No change
13	5.1 Qualification of Bidders	Startup and MSME exemption for Pre-qualification must be added to encourage Make In India product.	No change

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14	6.6 Warranty Terms,6.6.1 The successful bidder (Contractor) has to warrant that the Goods supplied/ material used under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.	From this point we can assume that you are looking for the latest technology of the PTS in healthcare premises then you need to accept only Front Loading stations, latest air control system (multi positioning valve to control the air), you need to delete Frequency controller, VFD -- old fashioned technology.	No change, equivalent or better technology is acceptable (subject to acceptance by ACCF)
15	BOQ S. No - 18 1D special filter housing with H13/H14 plus prefilter	Kindly delete that point	No change
16	Clause 2.6 Payment for e-Tenders (Tender Processing Fee & EMD)	EMD and Tender Fee Exemption has to be provided to encourage startups and MSME by GoI Startup Policy.	No change
17	Technical Specifications S No.16. Control Cabinet: Separate control cabinet for power supplies and all required control boards in the RPZ I (expandable up to 28 RP lines) according to valid standards and guidelines, incl. Cabinet lighting, forced ventilation, lockable door, incl. the necessary accessories.	To be deleted. Power packs are covered in their individual casing; control cabinet is not required in PTS. request you to delete the same.	No change Or offer better alternative(s) to control panel
18		test certificate related to U-PVC pipes as per IS 4985:2000 dated.09.7.21 from Finolex Industries.	No change as IS 4985 is applicable for portable water tubing not for PTS.
19	2.20.1 Before opening of the Price Bid, if it is decided by the TEC for certain cases to have a demonstration of the equipment/materials/components for assessing the compliance to the technical specification as indicated in Section-VII, then the bidder shall arrange for demonstration of offered items (of the same make & model as offered in the bid) at a mutually agreed location, either directly or through authorized Dealer /Distributors, as the	It should be mandatory to visit the offered system demonstration. It has been offered some of the indian distributor have done mix & match & supply substandard materials which is completely not acceptable at healthcare premises.	No change, TIA can depute a team to inspect the premises or installation of bidder(s) or can ask to submit samples.

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	case may be. Bidder shall not be paid any amount towards expenditure, if any, incurred by the Bidder for organizing the demonstration.		
20	6.4 Payment 6.4.1 No advance payments towards cost of item supplied and installed will be made to the Contractor. No advance payments towards cost of item supplied and installed will be made to the Contractor.	Kindly amend the clause and make 60% payment along with the order, 20% against supply of the materials & Balance 20% against successfully handing over the system OR Irrevocable Letter of credit to be open in favor of OEM in foreign currency. Considering the present crisis and foreign currency escalations.	Payment term shall be: 1) 70% against delivery on pro rata basis 2) 20% against satisfactory installation and commissioning 3) 10% post 30 days final hand over certificate.
21	6.4.2 70% of the cost of the equipment against supply of all the equipment's (excluding CMC Cost, if any) + 100% tax shall be paid to the Contractor on supply of equipment at site. 6.4.3 The balance 30% of the payment of equipment will be made after receipt of certificate on working status of the equipment from the consignee after 4 weeks of installation and commissioning of the System.	By Way of LC for goods quoted in foreign current payable as: a)90%against dispatch from origin. b)10% successful installation and commissioning.(Since more than 95% of the equipment is imported and due to current pandemic situation and economic conditions, it is impossible to invest in the imports and then only after delivery and approval 70% is released and balance at stages. This will push the bidders to only increase the bid costs to cover all these and will cost you more than normal. The payment terms for materials, are requested by way of LC in favor of Principal OEM Payable; a) 90% against dispatch from origin. b).10% successful installation and commissioning. Payment terms for installation as follows: a).50% against commencement. b).25% against completion of the tube run. c).25% against successful installation and commissioning	Payment term shall be: 1) 70% against delivery on pro rata basis 2) 20% against satisfactory installation and commissioning 3) 10% post 30 days final hand over certificate.
22	4.2 Prescribed Timeline 4.2.1 Completion of Installation and Commissioning-60 days from	Total time line of the imported product from Europe - Supply - 10 to 12 weeks, custom clearance - 1 week, Installation 6 to 8 weeks. So	Prescribed Timeline 4.2.1 Completion of supply, Installation and Commissioning Within 90 days from date of issue

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	date of issuance of Work Order 60 days from date of issuance of Work Order	total timeline is -- 17 - 19 weeks. NO SUPPLIER CAN MATHC THE TIME GIVEN TIME LINE. Effect on 60 days timeline can give you the inferior quality of the product, local product, poor installation etc.	of Work Order. Beyond this it will affect the overall project timeline.
23	Prescribed Timeline 4.2.1 Completion of Installation and Commissioning Within 60 days of issue of Work Order. Timeline for Execution of Work ---- Within 60 days of issue of Work Order.	Delivery terms to amend - 12-14 weeks from the date of Wok order. Installation & commissioning 4 to 6 weeks dependents on the site conditions. Since - all systems come from European Countries, therefore it always take time 4 weeks for productions and 6 weeks to sea transportations. This is the reality. If tendering authority stick on the given terms, if so, the corporation will be invited. Lot of mix and matches can be done by some section of the vendor.	Prescribed Timeline 4.2.1 Completion of supply, Installation and Commissioning Within 90 days from date of issue of Work Order . Beyond this it will affect the overall project timeline.
24	Technical specifications - SN - 3.1Each blower should be provided with Frequency Converter or VFD for Control of slow speed for sensitive laboratory samples by frequency control of Compressor. The blower should be set up to 75Hz with the help of Frequency Converter.	Kindly clarify why need Frequency controller and VFD for slow speed. We noticed VFD and Frequency controller is missing on BOQ.	Frequency controller & VFD (or any other better technology) is part of overall PTS system. Rates should be quoted according to given BoQ.
25	1.2.3 The main objective of this tender is to select a single or multiple suitable bidder(s) who shall provide a high quality goods and services including after sale service at a competitive rate. The selected bidder(s) shall be awarded the contract to commission Pneumatic Tube System for all the selected Hospitals within schedule time.	Clause to be read as : the main object of this tender is to select a technically expert on PTS and vendors / OEM should have guaranteed after sales service, and warranty of the product to be 5 years from the date of handing over. Since PTS is a specialty product and it needs specialist vendor to installation and commissioning the system. It is impossible to chouse multiple vendor for single work.	Project will be awarded to single vendor only.

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26	<p>Technical specifications - SN - 4.0Top Load/ Front Load and Pass through Stations: : The receiving and sending stations for automatic receiving and sending of materials in the carriers. To conform to EU Director for Electromagnetic tolerance 2004/108/EC; EEC directive for low voltage devices 93/68/EEC; EEC machines directors 98/37/EEC. To have ergonomically adapted sending and receiving heights. Wall mountable stations; Each device equipped with state-of-art maintenance free gear drive mechanism & self-adjusting optical seals for moving parts for noise-less operations. Each station should be provided with carrier receiving basket with cushion, carrier rack. Each stations should be equipped with RFID reading device.</p>	<p>Station Should Be --- FRONT-LOADING STATIONS -> WITH ACRYLIC TRANSPARENT DOOR.</p> <p>Stations are of a front-loading design and are manufactured from hygienic closed cell materials. Carriers are loaded through smoked acrylic door on the front of the station. The front-loading design allows the station to be mounted at a convenient height for all, including wheelchair users. It also allows the station to be built in flush if required.</p> <p>The stations are designed to comply with the latest health and safety regulations.</p> <p>Stations are fully automatic, and are capable of accepting a carrier when another carrier is incoming to that station.</p> <p>All stations are fitted with sophisticated air control to ensure carrier soft arrival. The soft arrival system in stations does not rely on sensors or valves and will ensure failsafe soft arrival, even with worn out carriers. Stations the arriving carrier is received upward into the station, even when the system tube runs from above the station, thereby ensuring that carriers are not accelerated due to gravity in the event of failure of the soft arrival system. System ensures total safety of even delicate glass samples.</p> <p>Stations are designed in such way so that they</p>	<p>Technical specifications - SN - 4.0Top Load/ Front Load and Pass through Stations: : The receiving and sending stations with transparent door (Or opaque door with a transparent window) for automatic receiving and sending of materials in the carriers. To conform to EU Director for Electromagnetic tolerance 2004/108/EC; EEC directive for low voltage devices 93/68/EEC; EEC machines directors 98/37/EEC. To have ergonomically adapted sending and receiving heights. Wall mountable stations; Each device equipped with state-of-art maintenance free gear drive mechanism & self-adjusting optical seals for moving parts for noise-less operations. Each station should be provided with carrier receiving basket with cushion, carrier rack. Each stations should be equipped with RFID reading device.</p>

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		<p>may be installed in a manner which does not allows system air to be discharged into the stations with the carrier. Similarly, a carrier being sent from the laboratory will only allow the ingress of a similar amount of laboratroy air into the system. This ensures that the air quality within the laboratory may not be affected by the installation of the pneumatic tube system.</p> <p>The station will attempt to automatically clear and eject a blocked carrier exit by agitating the station mechanism.</p> <p>Top Loading and Bottom loading stations are modified cash /bank/ document stations with old top of bottom loading mechanisms. Using this kind of stations in Cancer hospital/ healthcare premises is not advisable. NOTE -- EACH AND EVERY MANUFACTURER HAVE TOP LINE (LATEST TECHNOLOGY PRODUCT) PRODUCT.</p>	
27	Technical specifications - SN - 4.0Top Load/ Front Load and Pass through Stations: : The receiving and sending stations for automatic receiving and sending of materials in the carriers. To conform to EU Director for Electromagnetic tolerance 2004/108/EC; EEC directive for low voltage devices 93/68/EEC; EEC machines directors 98/37/EEC. To have ergonomically adapted sending and receiving heights. Wall mountable stations; Each device equipped with state-of-art maintenance free gear drive mechanism & self-adjusting optical seals for moving parts for noise-	FRONT-LOADING STATIONS -> WITH ACRYLIC TRANSPARRENT DOOR	Technical specifications - SN - 4.0Top Load/ Front Load and Pass through Stations: : The receiving and sending stations with transparent door (Or opaque door with a transparent window) for automatic receiving and sending of materials in the carriers. To conform to EU Director for Electromagnetic tolerance 2004/108/EC; EEC directive for low voltage devices 93/68/EEC; EEC machines directors 98/37/EEC. To have ergonomically adapted sending and receiving heights. Wall mountable stations; Each device equipped with state-of-art maintenance free gear

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	less operations. Each station should be provided with carrier receiving basket with cushion, carrier rack. Each stations should be equipped with RFID reading device.		drive mechanism & self-adjusting optical seals for moving parts for noise-less operations. Each station should be provided with carrier receiving basket with cushion, carrier rack. Each stations should be equipped with RFID reading device.
28	Technical Specifications S No.10 Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150 mm. The outer dia should be 168 mm & Inner dia should be 160 mm. Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder.	Kindly Clarify these sentence --- Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. IF I AM CORRECT YOU NEED FIRE PROTECTING SLEEVES WHERE EVER TUBES PASS THROUGH THE WALL OR VIA CORE CUTTING FIRE PROTECTING SLEEVES NEEDS TO BE INSTALLED - - THE AMOUNT OF THE SLEEVES IS IS MISSING ON BOQ.	Technical Specifications S No.10 fire protecting Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150 mm. The outer dia should be minimum 168 mm & Inner dia should be minimum 160 mm. minimum Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder in dia 10% variation shall also be acceptable. The entire Tubing /system should be fire resistant
29	Technical Specifications S No.10 Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150 mm. The outer dia should be 168	It should be made up of polyvinylchloride PVC, Outer and inner diameters and weight given for sleeves is too specific. Request to dilute the same	Technical Specifications S No.10 fire protecting Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150

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	mm & Inner dia should be 160 mm. Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder.		mm. The outer dia should be minimum 168 mm & Inner dia should be minimum 160 mm. minimum Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder. In dia 10% variation shall also be acceptable. The entire Tubing /system should be fire resistant.
30	Technical Specifications S No.10.Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150 mm. The outer dia should be 168 mm & Inner dia should be 160 mm. Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder.	Fire Protecting sleeves need to mention on BOQ	Technical Specifications S No.10 fire protecting Sleeves Where tubing passes through a wall, floor, ceiling or other barrier, the fire rating of the barrier is not accepted to be reduced. This must be achieved by equipping the system on these places, with crushing/self-extinguishing fire sleeves/collars that are certified by a notified body and are compliant with the local regulations. It should be made up of Polyvinylchloride PVC with length approx. 150 mm. The outer dia should be minimum 168 mm & Inner dia should be minimum 160 mm. minimum Weight 0.43kg (approx.) factory quality and Test report for particular LOT have to be submit by the Bidder. In dia 10% variation shall also be acceptable. The entire Tubing /system should be fire resistant
31	Technical Specifications S No.20.Certification: Should be European CE or USFDA approved, where applicable	should be European CE or USFDA approved/ CE conformity declaration by OEM, where applicable. CE conformity declaration as applicable shall provided by OEM. Kindly confirm, which are accepted norms in Pneumatic Tube System.	No change
32	BOQ S. No - 3 Standard / Pass Through Stations NW160	Kindly amend as - Front Loading with transparent door	Transparent door is also acceptable

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33	BOQ S.No Compact Stations NW160	Kindly amend as - Front Loading with transparent door	Transparent door is also acceptable
34	<p>Technical specifications - SN - 3.0Side Channel Blower.</p> <p>3 to 5.5 Kw unidirectional side channel blower confirms to EC machines directives 98/37/EC and low voltage director 73/23/EEC f.; DIN EN292 for safety of machines; EN60034-1 / DIN VDE 0530 Part 1 for rotating electrical machines; EN 60034-5 / DIN VDE 0530-5 classification of degree of protection DIN EN 60204 for safety of machine electrical equipment of machine Part 1 of Electric Motors and DIN VDE 0-1 insulation coordination for equipment within low voltage systems. Complete with silencer, filters, dampers & installation accessories and air switch device. Automatic activation through centralized control system. The Bidder will supply and install the VFD for variable speed control if the feature is not available through software .</p>	<p>Kindly specify the blower capacity. Blower selection is a very important part of the system - selection of the blower needs to maintain some parameters. If this parameter is not complied with then the electricity consumption will increase drastically and the loss of air pressure - system required more maintenance. High pressure does not meant to fast delivery.</p>	<p>Vendor shall prepare details and quote based on the specifications and details mentioned in tender.</p>
35	<p>Technical Specifications S No.13 Carriers with RFID:</p> <p>With loading dimensions of 330mmx120mm. Special leak proof carriers with caps for secure use; fully integrated rubber seal; payload of 4 kg or more to carry Blood bags ,liquid ,blood samples etc.; Impact resistant and crystal clear polycarbonate middle body; With Loading Dimensions of 330mmH x 120mm ID; with Unique flip-top or Swivel caps for secure use; Metal-free design through rotation welding procedure; Impact resistant and crystal clear</p>	<p>Carriers with RFID: With loading dimensions of 330mmx120mm Special leak proof carriers with caps/standard carriers for secure use; fully integrated rubber seal; payload of 4 kg or more to carry blood bags, liquid, blood samples etc; impact resistant and crystal clear polycarbonate middle body; with loading dimensions of 330mmh x120 mm ID; with unique flip top or swivel caps for secure use; Metal free design through rotation welding procedure, impact resistant and crystal clear polycarbonate middle body, with integrated radio frequency</p>	<p>vendor shall supply carriers in 70:30 ratio. In which 70% of total quantity of carriers shall be leak proof and 30% of total quantity shall be standard carriers.</p>

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	polycarbonate middle body, with integrated radio-frequency identification system(2Each) . Each carrier should have soft sponge like foam inserts to hold samples securely.	identification system(2 each).Each carrier should have soft sponge like foam inserts to hold samples securely. Special leak proof carriers are very expensive and are required only for transporting fluids. Request to include standard carriers also.	
36	7.1 Technical Specifications SN.15 & Compliance Sheet (Control Data-Com-Power Composite Cable: Single composite control cable of high grade composite with grounding, power and data-com all three in one and fully screen and use grounded system concept to minimize electromagnetic and radio-frequency interference. Instrumentation wire type 2 x 2 x 0,22 x 1,9 ² , Compatible with system on low voltage supply of 36V for human protection. All devices are connected with LVDC 36V using RS232 to RS485 platform using uncore cable based on RS485 connectivity which provides composite LV power supply and communication to all stations and devices in the network and hence are digital in nature and maintaining a real time live connectivity speed of minimum 70 – 120 devices per second which can be constantly monitored Live and Real Time on the PC monitor. Conforming to CE or EN standards along with necessary Tie-Strips for tying Control Cable Data - compower with installed tubes & bends)	Vahiny is world's first Ethernet based PTS system. Hence it uses LAN/Wifi For communication and not RS232. This is highly advanced, better data speed and reliable.	Better technology is acceptable. It should meet stated functionality & should be cost effective.

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Head Procurement