



**SUPPLEMENTAL BID BULLETIN NO. 22-003-2**

**Bidding for the**

**Supply and Delivery of Various Organ Transplant Medical Supplies (32 Items-Line Bidding)**

**Bid Reference ITB No. 22-003**

This Supplemental Bid Bulletin **No. 22-003-2** is being issued to inform all the prospective bidders on the following amendment:

**a. Section VII Technical Specification**

*Please see attached Revised **Technical Specification***

**b. Price Schedule**

*Please see attached Revised **Price Schedule***

Item No.	Item No.	Specification
9	Catheter, HD Temporary Vascular Access Double Lumen Symmetrical tip, Pre curved Fr.12-14 x 15-16cm	Packaging: - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number Specifications: Fr.12-14 x 15-16cm Polyurethane double lumen symmetrical tip laser cut side slots <del>1 pc.</del> 2 pcs. Tissue dilator Fr.10 & 12 x 150mm - 160mm (one of each) 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire 0.035cm-0.038cm w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap Features: - Pre-curved Catheter (J curved shaft only) FUNCTIONALITY: a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use.

		<p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>
10	<p>Catheter, HD Temporary Vascular Access Double Lumen Symmetrical tip, Pre-curved Fr. 12-14 x 20-22cm</p>	<p>Packaging:</p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p>Specifications:</p> <p>Fr. 12-14 x 20-22cm</p> <p>Polyurethane double lumen</p> <p><del>1 pc</del> 2 pcs. Tissue dilator between Fr.10 to 13 x 150mm - 160mm - must provide appropriate size for offered french of main catheter (one of each)</p> <p>2 pcs sealing caps</p> <p>2 pcs wound dressing (optional)</p> <p>1 pc calibrated guidewire 0.035cm-0.038cm w J tip</p> <p>1 pc introducer needle g.18</p> <p>2 pcs luer lock injection cap</p> <p>Features:</p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p>FUNCTIONALITY:</p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f)Durability - functional for at least two (2) weeks upon use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>
28	<p>Graft Vascular 6mm x 60-80cm</p>	<p>Packaging:</p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p>Composition: Trilaminare single layer composite wall, PTFE material</p> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p>Functionality:</p> <p>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</p>

		<p>b) Suturing - smooth needle passage, excellent suture retention</p> <p>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</p> <p>d) must provide protection against "weeping" of the graft wall after implantation</p>
29	Graft Vascular 8mm x 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery)</li> </ul> <p><b>Composition:</b> Trilaminate single layer composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 8mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <p>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</p> <p>b) Suturing - smooth needle passage, excellent suture retention</p> <p>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</p> <p>d) must provide protection against "weeping" of the graft wall after implantation</p>
30	Graft Vascular 4mm - 6mm x 40cm - 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminate single layer composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft tapered</li> <li>- <b>Beading/ring/ribbed or w/helical support</b></li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <p>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</p> <p>b) Suturing - smooth needle passage, excellent suture retention</p> <p>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</p> <p>d) must provide protection against "weeping" of the graft wall after implantation</p>

**c. Change in the schedule of submission and opening of bids.**

<b>ACTIVITIES</b>	<b>FROM</b>	<b>TO</b>
Opening of Bids	October 22, 2021 (Friday) 9:00 AM BAC Conference Room, G/F NKT Main Bldg.	<b><u>November 4, 2021 (Thursday) 9:00 AM BAC Conference Room, G/F NKT Main Bldg.</u></b>

This Supplemental Bid Bulletin including Annexes, if any, shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 19<sup>th</sup> day of October 2021 in Quezon City.

**(SGD.) ARNOLD JOSEPH M. FERNANDEZ, MD  
BAC, Chairman**

Received by: (PLS SIGN) \_\_\_\_\_

Bidder's Name: (PLS PRINT) \_\_\_\_\_

Date: \_\_\_\_\_

# Revised Technical Specifications

**Instruction:**

*Bidders must state in the column provided either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.*

Item No.	Particulars	Specification	Statement of Compliance
1	Access Port and Catheter	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged, see-through, peel-away cover</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 8-8.5, complete set  polyurethane radiopaque graded tube <b>at least 30 cm length</b>  2 connection rings  <b>1 - surgical blade # 11</b>  1 - non-coring needle g. 20 - 22  1 - tunneler  1 - mid size port  1 - 0.035" to 0.038" x 50-70cm J-guidewire with advancer <b>with graduations</b>  1 - 10cc syringe  1 - dilator  1 pc. introducer needle</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- MRI and CT scan ready</li> <li>- up to 300ml/min or 5 ml/sec flowrate capacity</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of use - It should be able to penetrate the vessel wall without indentation or force,</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure even after several passes,</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e)Durability - functional for at least one (1) month upon use.</li> <li>f) Intra-luminal patency - shall not result/develop blood</li> </ul>	

		<p>clot/clog for at least one (1) month upon use.</p> <p>g) Flexibility and sturdiness - shall not kink nor bend nor crack at least one (1) month upon use.</p>	
2	Aortic Puncher 3.7 - 4.7mm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- between 7 - 8 inches length</li> <li>- stainless steel anvil</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- precise double cutting edge</li> <li>- with depressed/countersunk thumbseat on plunger</li> <li>- with specially designed finger grips for enhanced control</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - must maintain cutting edge within duration of use.</li> <li>b) Ease of use - shall provide smooth action of plunger, will not jam upon intended use.</li> <li>c) Durability - handles must not break within the duration of its use.</li> <li>d) Lumen Cutting - shall provide clean, accurate circular cuts of tissue, regardless of calcification.</li> </ul>	
3	Aortic Puncher 4.8 - 5.2mm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged, see-through, peel-away cover</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- between 7 - 8 inches length</li> <li>- stainless steel anvil</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- precise double cutting edge</li> <li>- with depressed/countersunk thumbseat on plunger</li> <li>- with specially designed finger grips for enhanced control</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - must maintain cutting edge within duration of use.</li> <li>b) Ease of use - shall provide smooth action of plunger, will not jam upon intended use.</li> <li>c) Durability - handles must not break within the duration of its use.</li> <li>d) Lumen Cutting - shall provide clean, accurate circular cuts of tissue, regardless of calcification.</li> </ul>	
4	Catheter, Embolectomy Fr.6	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> </ul>	

		<ul style="list-style-type: none"> <li>- siliconized, color coded</li> <li>- inflated balloon diameter 13 mm</li> <li>- max balloon capacity for liquid 2.0 ml</li> <li>- max balloon capacity for gas 4.5 ml</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - functional within the duration of its use.  b) Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.  c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</p>	
5	Catheter, Corkscrew Fr. 4	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> <li>- siliconized, color coded</li> <li>- Membrane/Spiral Diameter Max. Extended (mm) 2.7</li> <li>- Membrane/Spiral Diameter Max. Retracted (mm) 6</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - functional within the duration of its use.  b) Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.  c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</p>	
6	Catheter, Corkscrew Fr. 5	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> <li>- siliconized, color coded</li> <li>- Membrane/Spiral Diameter Max. Extended (mm) 3.1</li> <li>- Membrane/Spiral Diameter Max. Retracted (mm) 8</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - functional within the duration of its use.  b) Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.  c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</p>	

7	Catheter, HD (Pedia) (Pre-Curved/ Curved)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 8 - 9 x 80 - 120 mm, Double lumen</p> <ul style="list-style-type: none"> <li>1 - dilator Fr 8 x 150 mm - must provide appropriate size for offered french of main catheter.</li> <li>1 - calibrated guidewire with J tip (0.80 mm x 500 mm)</li> <li>1 - introducer needle g18</li> <li>2 - luer lock injection caps</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Radiopaque</li> <li>- Pre-curved/ Curved Catheter</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	
8	Catheter, HD Temporary Vascular Access Double Lumen <b>Split tip Pre-curved</b> , Fr. 12-14 x 15-16cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>polyurethane double lumen split tip complete set</p> <ul style="list-style-type: none"> <li>1 pc. Vessel dilator Fr.10 &amp; 12 x 150mm</li> <li>2 pcs sealing caps</li> <li>2 pcs wound dressing (optional)</li> <li>1 pc calibrated guidewire 0.038cm w J tip</li> <li>1 pc introducer needle g.18</li> <li>2 pcs luer lock injection cap</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should</li> </ul>	



		<p>retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f) Durability - functional for at least two (2) weeks upon use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
9	<p>Catheter, HD Temporary Vascular Access Double Lumen <b>Symmetrical tip, Pre curved</b> Fr.12-14 x 15-16cm</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr.12-14 x 15-16cm Polyurethane double lumen symmetrical tip laser cut side slots 2 pcs. Tissue dilator Fr.10 &amp; 12 x 150mm - 160mm (one of each) 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire 0.035cm-0.038cm w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p>	

		<p>f) Durability - functional for at least two (2) weeks upon use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
10	<p>Catheter, HD Temporary Vascular Access Double Lumen <b>Symmetrical tip, Pre-curved</b> Fr. 12-14 x 20-22cm</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 12-14 x 20-22cm Polyurethane double lumen 2 pcs. Tissue dilator between Fr.10 to 13 x 150mm - 160mm - must provide appropriate size for offered french of main catheter. (one of each) 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire 0.035cm-0.038cm w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	
11	<p>Catheter, HD Temporary Vascular Access Double Lumen <b>Split Tip Pre-curved Fr. 12-14 x 20-22cm</b></p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 12-14 x 20-22cm split tip pre-curved polyurethane double lumen (J pre-</p>	

		<p>curved shaft only) complete set 1 pc. Vessel dilator Fr. 10 x 150 - 160 mm 1 pc. Vessel dilator Fr. 12 x 150 - 160 mm 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire 0.038cm w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f) Durability - functional for at least two (2) weeks upon use. g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
12	<p>Catheter, HD Temporary Vascular Access Double Lumen <b><i>Straight symmetrical Tip Fr. 12-14 x 30-35cm</i></b></p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 12-14 x 30-35cm straight, polyurethane double lumen complete set 1 pc. Tissue dilator <b>Fr.10 &amp; 14 x 150mm - 240mm</b> 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire <b>0.035mm - 0.038cm w J tip</b> 1 pc introducer needle g.18 2 pcs luer lock injection cap sterile, individually packed</p> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p>	

		<p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f) Durability - functional for at least two (2) weeks upon use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
13	Catheter, Multi-Lumen, Central Venous (Adult)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 7 - 9 x 15 - 20cm</p> <p>Triple Lumen catheter set 1 unit</p> <p>1 -0.035 - 0.038" x 70cm J/Flex <b>marked</b> guidewire with advancer</p> <p>1 - introducer needle g.18</p> <p>1 - catheter</p> <p>1 - dilator Fr. <b>7-8 - must provide appropriate size for offered french of main catheter.</b></p> <p>1 - patient ID label</p> <p>3 - injection caps</p> <p>sterile, individually packed</p> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f) Durability - functional for at least two (2) weeks upon use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	

14	Catheter Peritoneal Dialysis (Pedia)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- Fr.15 x <b>40cm - 50cm</b></li> <li>- <b>straight</b></li> <li>- double cuffs (dacron cuff),</li> <li>- silicone (non-latex rubber)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a)Durability - functional for at least one (1) month upon use.</li> <li>b) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>c) Flexibility and sturdiness - shall not kink, bend or crack at least one (1) month upon use.</li> </ul>	
15	Catheter, Triple Lumen <b>Hemodialysis</b> Fr. 12 cm - 14cm x 15-16 cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- Polyurethane <b>triple lumen</b> (J pre-curved / curved)</li> <li>- symmetrical tip</li> </ul> <p>complete set</p> <ul style="list-style-type: none"> <li>1 pc. Vessel dilator Fr. 10 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b></li> <li>1 pc. Vessel dilator Fr. 12 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b></li> <li>2 pcs sealing caps</li> <li>2 pcs wound dressing (optional)</li> <li>1 pc calibrated guidewire 0.035" to 0.038" w J tip</li> <li>1 pc introducer needle g.18</li> <li>2 pcs luer lock injection cap</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f)Durability - functional for at least two (2) weeks upon use.</li> </ul>	

		<p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
16	<p>Catheter, Triple Lumen  <b>Hemodialysis</b>  Fr. 12cm -14cm x 20-22 cm</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 12cm -14cm x 20-22 cm pre-curved/curved triple lumen complete set</p> <ul style="list-style-type: none"> <li>1 pc. Vessel dilator Fr. 10 x 150 - 160 mm</li> <li>1 pc. Vessel dilator Fr. 12 x 150 - 160 mm</li> <li>2 pcs sealing caps</li> <li>2 pcs wound dressing (optional)</li> <li>1 pc calibrated guidewire 0.035" to 0.038" x700mm w J tip</li> <li>1 pc introducer needle g.18</li> <li>3 pcs luer lock injection cap</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	
17	<p>Catheter, Tunnelled Central Venous HD  <b>Fr. 14-14.5cm x 19cm</b>  <b>Split tip</b></p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 14-14.5cm x 19cm Split tip  <b>single cuff</b>  double lumen polyurethane catheter complete set with stylet</p> <p>1 pc. Vessel dilator Fr. 10 x 150 - 160 mm - <b>must</b></p>	

		<p><b>provide appropriate size for offered french of main catheter.</b>  1 pc. Vessel dilator Fr. 12 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b>  tunneler tools  2 pcs sealing caps  2 pcs wound dressing (optional)  1 pc calibrated guidewire w J tip, size: 0.035" - 0.038"  1 pc introducer needle g.18  2 pcs luer lock injection cap  <b>FUNCTIONALITY:</b>  a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.  b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.  c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.  d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.  e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes  f)Durability - functional for at least two (2) weeks upon use.  g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.  h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
18	<p>Catheter, Tunnelled  Central Venous HD  <b>Fr. 14-15cm x 19cm</b>  <b>Symmetrical tip</b>  <b>laser cut side slots</b></p>	<p><b>Packaging:</b>  - Usage: single use  - Sterility: sterile, individually packaged  - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number  <b>Specifications:</b>  Fr. 14-15cm x 19cm Symmetrical tip laser cut side slots double lumen carbothane catheter/polyurethane complete set  Fr.16 valve pull-apart safety sheath  1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b>  bifurcated tunneler  2 pcs sealing caps  2 pcs wound dressing (optional)  1 pc calibrated guidewire w J tip  1 pc introducer needle g.18  2 pcs luer lock injection cap  sterile, individually packed  <b>FUNCTIONALITY:</b>  a) Edge/Bevel Retention - Introducer needle should</p>	

		<p>retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f)Durability - functional for at least two (2) weeks upon use.</p> <p>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
19	<p>Catheter, Tunnelled Central Venous HD Fr. 14-15cm x 23-24cm Split tip</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 14-15cm x 23-24cm Split tip double lumen—<b>polyurethane</b> catheter complete set 1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b> bifurcated tunneler 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</p> <p>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p> <p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f)Durability - functional for at least two (2) weeks upon</p>	



		<p>use.</p> <p>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
20	<p>Catheter, Tunnelled Central Venous HD <b>Fr. 14-14.5cm x 36cm Split tip</b></p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 14-14.5cm x 36cm Split tip double lumen polyurethane catheter complete set with stylet 1 pc. dilator and tunneler tools - <b>must provide appropriate size for offered french of main catheter.</b> 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip, size: 0.035" - 0.038" 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f) Durability - functional for at least two (2) weeks upon use. g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
21	<p>Catheter, Tunnelled Central Venous HD <b>Fr. 14-14.5cm x 23-24cm Symmetrical tip laser cut side slots</b></p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 14-14.5cm x 23-24cm Symmetrical tip laser cut side slots double lumen carbothane catheter complete set</p>	

		<p>Fr.16 valve pull-apart safety sheath  1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b>  bifurcated tunneler  2 pcs sealing caps  2 pcs wound dressing (optional)  1 pc calibrated guidewire w J tip  1 pc introducer needle g.18  2 pcs luer lock injection cap  <b>FUNCTIONALITY:</b>  a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.  b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.  c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.  d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.  e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes  f)Durability - functional for at least two (2) weeks upon use.  g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.  h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
22	<p>Catheter, Tunnelled  Central Venous HD  <b>Fr. 14cm x 40cm</b>  <b>Split tip</b></p>	<p><b>Packaging:</b>  - Usage: single use  - Sterility: sterile, individually packaged  - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number  <b>Specifications:</b>  <b>double lumen polyurethane</b> catheter  complete set with stylet  <b>cuff</b>  1 pc. dilator and tunneler tools  2 pcs sealing caps  2 pcs wound dressing  1 pc calibrated guidewire w J tip  1 pc introducer needle g.18  2 pcs luer lock injection cap  1 split sheath with valve  1 tracer 3.0mm  Functionality:  a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.  b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</p>	

		<p>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not unravel or snag even after several passes.</p> <p>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</p> <p>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</p> <p>f)Durability - functional for at least two (2) weeks upon use.</p> <p>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use.</p> <p>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	
23	<p>Drape, Incise (Surgical Adhesive) 34cm x 35cm</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: in peel-away package</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery), manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- waterproof,</li> <li>- sterile,</li> <li>- adhesive,</li> <li>- conformable,</li> <li>- elastic</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - must not unintentionally tear upon intended use.</p> <p>b) Adhesiveness - shall not lose adhesive strength for duration of procedure.</p> <p>c)Film Conformability - must conform to surface without bubbles or distortion of surface upon intended use.</p>	
24	<p>Drape, Incise (Surgical Adhesive) 40cm x 42cm</p>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: in peel-away package</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- waterproof,</li> <li>- sterile,</li> <li>- adhesive,</li> <li>- conformable,</li> <li>- elastic</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - must not unintentionally tear upon intended use.</p> <p>b) Adhesiveness - shall not lose adhesive strength for duration of procedure.</p> <p>c)Film Conformability - must conform to surface without bubbles or distortion of surface upon intended use.</p>	

25	Graft, vascular 6mm x 50-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminate composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6 X 50 cm to 80 cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	
26	Graft, vascular 5mm x 50-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminate composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 5 X 50 cm to 80 cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	
27	Graft, vascular 6mm x 60-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b> standard wall, PTFE material</p> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> </ul>	

		d) must provide protection against "weeping" of the graft wall after implantation	
28	Graft Vascular 6mm x 60-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> single layer composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	
29	Graft Vascular 8mm x 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery)</li> </ul> <p><b>Composition:</b> single layer composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 8mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	
30	Graft Vascular 4mm - 6mm x 40cm - 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from</li> </ul>	

		<p>the date of delivery) , manufacturer reference number</p> <p><b>Composition:</b> single layer composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft tapered</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <p>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</p> <p>b) Suturing - smooth needle passage, excellent suture retention</p> <p>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</p> <p>d) must provide protection against "weeping" of the graft wall after implantation</p>	
31	Vessel Loop, Mini (Yellow)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: on see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b></p> <ul style="list-style-type: none"> <li>- made from medical grade silicone</li> </ul> <p>Features:</p> <ul style="list-style-type: none"> <li>- 2 loops per pouch, with holder</li> <li>- radiopaque</li> <li>- not made with natural rubber latex</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - high tensile strength</p> <p>b) Ease of use - smooth, low memory effect</p>	
32	Vessel Tip Size 17	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: on see-through, internal and external peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b></p> <ul style="list-style-type: none"> <li>- made from medical grade silicone</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 2.6mm internal diameter,</li> <li>- silicone cannula 17mm length</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- clear, transparent</li> <li>- with internal trocar/obturator included</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Durability - cannula must not kink or bend upon recommended use</p> <p>b) Ease of use - easily attached to infusion set, leak proof on connecting points</p> <p>c) Visualization - fluids must be clearly seen along the cannula</p>	

	d) Fluid Flow - must display good fluid flow upon intended use	
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**We guarantee that we will submit sample within 3 calendar days upon notice from the BAC. Failure to submit within the prescribed period will automatically disqualify the bidder.**

**(NOTE: Submission of samples are no longer necessary if used by the end-user or otherwise specified by the end-user.)**

**(Upon receipt of notice, Lowest Calculated Bidder shall also submit clear copies of the colored picture and COMPLETE PRODUCT DATA SHEET [i.e., brochures, pamphlets, sales literature, documentation of standards of compliance, etc.], with the required specifications already highlighted, of the item proposed in A4 size photo paper indicating the brand name with reference number).**

**Conforme:**

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

**PRICE SCHEDULE**

ANNEX A

**IB NO. 22-003: SUPPLY AND DELIVERY OF VARIOUS ORGAN TRANSPLANT MEDICAL SUPPLIES (32 Items-Line Bidding)**

**October 22, 2021, (Friday) 9:00AM**

**BAC Conference Room, G/F NKT Main Building**

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
1	Access Port and Catheter	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged, see-through, peel-away cover</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>Fr. 8-8.5, complete set</li> <li>polyurethane radiopaque graded tube <b>at least 30 cm length</b></li> <li>2 connection rings</li> <li><b>1 - surgical blade # 11</b></li> <li>1 - non-coring needle g. 20 - 22</li> <li>1 - tunneler</li> <li>1 - mid size port</li> <li>1 - 0.035" to 0.038" x 50-70cm J-guidewire with advancer <b>with graduations</b></li> <li>1 - 10cc syringe</li> <li>1 - dilator</li> <li>1 pc. introducer needle</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- MRI and CT scan ready</li> <li>- up to 300ml/min or 5 ml/sec flowrate capacity</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of use - It should be able to penetrate the vessel wall without indentation or force,</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure even after several passes,</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire.</li> <li>e) Durability - functional for at least one (1) month upon use.</li> <li>f) Intra-luminal patency - shall not result/develop blood clot/clog for at least one (1) month upon use.</li> <li>g) Flexibility and sturdiness - shall not kink nor bend nor crack at least one (1) month upon use.</li> </ul>	set	5	14,850.00	74,250.00					
2	Aortic Puncher 3.7 - 4.7mm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- between 7 - 8 inches length</li> <li>- stainless steel anvil</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- precise double cutting edge</li> <li>- with depressed/countersunk thumbseat on plunger</li> <li>- with specially designed finger grips for enhanced control</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - must maintain cutting edge within duration of use.</li> <li>b) Ease of use - shall provide smooth action of plunger, will not jam upon intended use.</li> <li>c) Durability - handles must not break within the duration of its use.</li> <li>d) Lumen Cutting - shall provide clean, accurate circular cuts of tissue, regardless of calcification.</li> </ul>	piece	70	3,300.00	231,000.00					



ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
3	Aortic Puncher 4.8 - 5.2mm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged, see-through, peel-away cover</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- between 7 - 8 inches length</li> <li>- stainless steel anvil</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- precise double cutting edge</li> <li>- with depressed/countersunk thumbseat on plunger</li> <li>- with specially designed finger grips for enhanced control</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - must maintain cutting edge within duration of use.</li> <li>b) Ease of use - shall provide smooth action of plunger, will not jam upon intended use.</li> <li>c) Durability - handles must not break within the duration of its use.</li> <li>d) Lumen Cutting - shall provide clean, accurate circular cuts of tissue, regardless of calcification.</li> </ul>	piece	170	3,300.00	561,000.00					
4	Catheter, Embolectomy Fr.6	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> <li>- siliconized, color coded</li> <li>- inflated balloon diameter 13 mm</li> <li>- max balloon capacity for liquid 2.0 ml</li> <li>- max balloon capacity for gas 4.5 ml</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a)Durability - functional within the duration of its use.</li> <li>b)Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.</li> <li>c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</li> </ul>	piece	25	3,300.00	82,500.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
5	Catheter, Corkscrew Fr. 4	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> <li>- siliconized, color coded</li> <li>- Membrane/Spiral Diameter Max. Extended (mm) 2.7</li> <li>- Membrane/Spiral Diameter Max. Retracted (mm) 6</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a)Durability - functional within the duration of its use.</li> <li>b)Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.</li> <li>c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</li> </ul>	piece	5	19,800.00	99,000.00					
6	Catheter, Corkscrew Fr. 5	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually encased, screw cap</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- usable length at least 80 cm</li> <li>- siliconized, color coded</li> <li>- Membrane/Spiral Diameter Max. Extended (mm) 3.1</li> <li>- Membrane/Spiral Diameter Max. Retracted (mm) 8</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- with soft rounded tip</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a)Durability - functional within the duration of its use.</li> <li>b)Thrombi Removal - symmetrical balloon inflation, uniform contact with vessel walls for even pressure and precise traction.</li> <li>c) Ease of use and sturdiness - shall provide atraumatic passage through the lumens, able to resist increased pull or traction before breakage.</li> </ul>	piece	2	19,800.00	39,600.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
7	Catheter, HD (Pedia) (Pre-Curved/ Curved)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>Fr. 8 - 9 x 80 - 120 mm, Double lumen</li> <li>1 - dilator Fr 8 x 150 mm - must provide appropriate size for offered french of main catheter.</li> <li>1 - calibrated guidewire with J tip (0.80 mm x 500 mm)</li> <li>1 - introducer needle g18</li> <li>2 - luer lock injection caps</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Radiopaque</li> <li>- Pre-curved/ Curved Catheter</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f)Durability - functional for at least two (2) weeks upon use.</li> <li>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	30	3,960.00	118,800.00					
8	Catheter, HD Temporary Vascular Access Double Lumen <i>Split tip Pre-curved</i> , Fr. 12-14 x 15-16cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>polyurethane double lumen split tip complete set</li> <li>1 pc. Vessel dilator Fr.10 &amp; 12 x 150mm</li> <li>2 pcs sealing caps</li> <li>2 pcs wound dressing (optional)</li> <li>1 pc calibrated guidewire 0.038cm w J tip</li> <li>1 pc introducer needle g.18</li> <li>2 pcs luer lock injection cap</li> </ul> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f)Durability - functional for at least two (2) weeks upon use.</li> <li>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	1,000	3,000.00	3,000,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
9	Catheter, HD Temporary Vascular Access Double Lumen <b>Symmetrical tip, Pre curved</b> Fr.12-14 x 15-16cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr.12-14 x 15-16cm  Polyurethane double lumen symmetrical tip laser cut side slots  <b>1pc: 2 pcs.</b> Tissue dilator <b>Fr.10 &amp; 12 x 150mm - 160mm (one of each)</b>  2 pcs sealing caps  2 pcs wound dressing (optional)  1 pc calibrated guidewire <b>0.035cm-0.038cm</b> w J tip  1 pc introducer needle g.18  2 pcs luer lock injection cap</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.  b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.  c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.  d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire.  e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes  f)Durability - functional for at least two (2) weeks upon use.  g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.  h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	5,650	2,750.00	15,537,500.00					
10	Catheter, HD Temporary Vascular Access Double Lumen <b>Symmetrical tip, Pre-curved</b> Fr. 12-14 x 20-22cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 12-14 x 20-22cm  Polyurethane double lumen  <b>1pc 2 pcs.</b> Tissue dilator <b>between Fr.10 to 13 x 150mm -160mm</b> - must provide appropriate size for offered french of main catheter.<b>(one of each)</b>  2 pcs sealing caps  2 pcs wound dressing (optional)  1 pc calibrated guidewire <b>0.035cm-0.038cm</b> w J tip  1 pc introducer needle g.18  2 pcs luer lock injection cap</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Pre-curved Catheter (J curved shaft only)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <p>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.  b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.  c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.  d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire.  e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes  f)Durability - functional for at least two (2) weeks upon use.  g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.  h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	1,300	3,000.00	3,900,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
11	Catheter, HD Temporary Vascular Access Double Lumen <i>Split Tip Pre-curved Fr. 12-14 x 20-22cm</i>	<b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number <b>Specifications:</b> Fr. 12-14 x 20-22cm split tip pre-curved polyurethane double lumen ( J pre-curved shaft only) complete set 1 pc. Vessel dilator Fr. 10 x 150 - 160 mm 1 pc. Vessel dilator Fr. 12 x 150 - 160 mm 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire 0.038cm w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap <b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.	set	200	4,400.00	880,000.00					
12	Catheter, HD Temporary Vascular Access Double Lumen <i>Straight symmetrical Tip Fr. 12-14 x 30-35cm</i>	<b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number <b>Specifications:</b> Fr. 12-14 x 30-35cm straight, polyurethane double lumen complete set 1 pc. Tissue dilator <b>Fr.10 &amp; 14 x 150mm - 240mm</b> 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire <b>0.035mm - 0.038cm w J tip</b> 1 pc introducer needle g.18 2 pcs luer lock injection cap sterile, individually packed <b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.	set	50	2,750.00	137,500.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
13	Catheter, Multi-Lumen, Central Venous (Adult)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>Fr. 7 - 9 x 15 - 20cm</li> <li>Triple Lumen catheter set 1 unit</li> <li>1 -0.035 - 0.038" x 70cm J/Flex marked guidewire with advancer</li> <li>1 - introducer needle g.18</li> <li>1 - catheter</li> <li>1 - dilator Fr. 7-8 - <b>must provide appropriate size for offered french of main catheter.</b></li> <li>1 - patient ID label</li> <li>3 - injection caps</li> <li>sterile, individually packed</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	piece	100	2,200.00	220,000.00					
14	Catheter Peritoneal Dialysis ( Pedia)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- Fr.15 x 40cm - 50cm</li> <li>- straight</li> <li>- double cuffs (dacron cuff),</li> <li>- silicone (non-latex rubber)</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Durability - functional for at least one (1) month upon use.</li> <li>b) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>c) Flexibility and sturdiness - shall not kink, bend or crack at least one (1) month upon use.</li> </ul>	piece	50	6,050.00	302,500.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
15	Catheter, Triple Lumen <b>Hemodialysis</b> Fr. 12 - 14 x 15-16 cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- Polyurethane <b>triple lumen</b> (J pre-curved / curved)</li> <li>- symmetrical tip</li> </ul> <p>complete set</p> <p>1 pc. Vessel dilator Fr. 10 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b></p> <p>1 pc. Vessel dilator Fr. 12 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b></p> <p>2 pcs sealing caps</p> <p>2 pcs wound dressing (optional)</p> <p>1 pc calibrated guidewire 0.035" to 0.038" w J tip</p> <p>1 pc introducer needle g.18</p> <p>2 pcs luer lock injection cap</p> <p>FUNCTIONALITY:</p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	1,350	3,300.00	4,455,000.00					
16	Catheter, Triple Lumen <b>Hemodialysis</b> Fr. 12 -14 x 20-22 cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>Fr. 12 -14 x 20-22 cm pre-curved/curved triple lumen</li> </ul> <p>complete set</p> <p>1 pc. Vessel dilator Fr. 10 x 150 - 160 mm</p> <p>1 pc. Vessel dilator Fr. 12 x 150 - 160 mm</p> <p>2 pcs sealing caps</p> <p>2 pcs wound dressing (optional)</p> <p>1 pc calibrated guidewire 0.035" to 0.038" x700mm w J tip</p> <p>1 pc introducer needle g.18</p> <p>3 pcs luer lock injection cap</p> <p>FUNCTIONALITY:</p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f) Durability - functional for at least two (2) weeks upon use.</li> <li>g) Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	100	3,630.00	363,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
17	Catheter, Tunnelled Central Venous HD <b>Fr. 14-14.5 x 19cm Split tip</b>	<p><b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</p> <p><b>Specifications:</b> Fr. 14-14,5 x 19cm Split tip <b>single cuff</b> double lumen polyurethane catheter complete set with stylet 1 pc. Vessel dilator Fr. 10 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b> 1 pc. Vessel dilator Fr. 12 x 150 - 160 mm - <b>must provide appropriate size for offered french of main catheter.</b> tunneler tools 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip, size: 0.035" - 0.038" 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	120	23,100.00	2,772,000.00					
18	Catheter, Tunnelled Central Venous HD <b>Fr. 14-15 x 19 cm Symmetrical tip laser cut side slots</b>	<p><b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</p> <p><b>Specifications:</b> Fr. 14-15 x 19 cm symmetrical tip laser cut side slots double lumen carbothane catheter/polyurethane complete set Fr.16 valve pull-apart safety sheath 1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b> bifurcated tunneler 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap sterile, individually packed</p> <p><b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	280	8,800.00	2,464,000.00					



ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
19	Catheter, Tunnelled Central Venous HD <b>Fr. 14-15 x 23-24cm Split tip</b>	<p><b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</p> <p><b>Specifications:</b> Fr. 14-15 x 23-24cm Split tip double lumen--polyurethane catheter complete set 1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b> bifurcated tunneler 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap <b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	18	22,000.00	396,000.00					
20	Catheter, Tunnelled Central Venous HD <b>Fr. 14-14.5 x 36cm Split tip</b>	<p><b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</p> <p><b>Specifications:</b> Fr. 14-14.5 x 36cm Split tip double lumen polyurethane catheter complete set with stylet 1 pc. dilator and tunneler tools - <b>must provide appropriate size for offered french of main catheter.</b> 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip, size: 0.035" - 0.038" 1 pc introducer needle g.18 2 pcs luer lock injection cap <b>FUNCTIONALITY:</b> a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes. b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force. c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes. d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. it should also not do the same after several passes of the guidewire. e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes f)Durability - functional for at least two (2) weeks upon use. g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols. h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</p>	set	25	20,900.00	522,500.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
21	Catheter, Tunnelled Central Venous HD <b>Fr. 14-14.5 x 23-24cm Symmetrical tip laser cut side slots</b>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p>Fr. 14-14.5 x 23-24cm Symmetrical tip laser cut side slots double lumen carbothane catheter complete set</p> <p>Fr.16 valve pull-apart safety sheath 1 pc. tissue dilator Fr.12-14 - <b>must provide appropriate size for offered french of main catheter.</b> bifurcated tunneler 2 pcs sealing caps 2 pcs wound dressing (optional) 1 pc calibrated guidewire w J tip 1 pc introducer needle g.18 2 pcs luer lock injection cap</p> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not disfigure or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f)Durability - functional for at least two (2) weeks upon use.</li> <li>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use following proper anti coagulation protocols.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	110	8,800.00	968,000.00					
22	Catheter, Tunneled Central Venous HD <b>Fr. 14 x 40cm Split tip</b>	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <p><b>double lumen polyurethane</b> catheter complete set with stylet</p> <p><b>cuff</b></p> <ul style="list-style-type: none"> <li>1 pc. dilator and tunneler tools</li> <li>2 pcs sealing caps</li> <li>2 pcs wound dressing</li> <li>1 pc calibrated guidewire w J tip</li> <li>1 pc introducer needle g.18</li> <li>2 pcs luer lock injection cap</li> <li>1 split sheath with valve</li> <li>1 tracer 3.0mm</li> </ul> <p>Functionality:</p> <ul style="list-style-type: none"> <li>a) Edge/Bevel Retention - Introducer needle should retain sharpness even after several passes.</li> <li>b) Ease of Use - it should be able to penetrate the vessel wall with minimal indentation or force.</li> <li>c) Wire Manipulation - the wire should glide smoothly into the introducer needle and should not unravel or snag even after several passes.</li> <li>d) Dilator Manipulation - the dilator should break through skin and subcutaneous tissue and vessel wall without breaking or kinking. It should also not do the same after several passes of the guidewire.</li> <li>e) Catheter Manipulation - the catheter should be able to pass over the guidewire, through the skin, subcutaneous tissue and vessel wall without kinking or cracking even after several passes</li> <li>f)Durability - functional for at least two (2) weeks upon use.</li> <li>g)Intra-luminal patency - shall not result or develop blood clot/clog for at least two (2) weeks upon use.</li> <li>h) Flexibility and sturdiness - shall not kink, bend or crack at least two (2) weeks upon use.</li> </ul>	set	22	20,350.00	447,700.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
23	Drape, Incise (Surgical Adhesive) 34cm x 35cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: in peel-away package</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- waterproof,</li> <li>- sterile,</li> <li>- adhesive,</li> <li>- conformable,</li> <li>- elastic</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Durability - must not unintentionally tear upon intended use.</li> <li>b) Adhesiveness - shall not lose adhesive strength for duration of procedure.</li> <li>c) Film Conformability - must conform to surface without bubbles or distortion of surface upon intended use.</li> </ul>	piece	200	660.00	132,000.00					
24	Drape, Incise (Surgical Adhesive) 40cm x 42cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: in peel-away package</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>- waterproof,</li> <li>- sterile,</li> <li>- adhesive,</li> <li>- conformable,</li> <li>- elastic</li> </ul> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Durability - must not unintentionally tear upon intended use.</li> <li>b) Adhesiveness - shall not lose adhesive strength for duration of procedure.</li> <li>c) Film Conformability - must conform to surface without bubbles or distortion of surface upon intended use.</li> </ul>	piece	50	880.00	44,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
25	Graft, vascular 6mm x 50-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminare composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6 X 50 cm to 80 cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	100	33,000.00	3,300,000.00					
26	Graft, vascular 5mm x 50-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminare composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 5 X 50 cm to 80 cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	50	23,100.00	1,155,000.00					
27	Graft, vascular 6mm x 60-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Specifications:</b> standard wall, PTFE material</p> <p><b>FUNCTIONALITY:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	100	22,000.00	2,200,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
28	Graft Vascular 6mm x 60-80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Trilaminare <b>single layer</b> composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	2	48,000.00	96,000.00					
29	Graft Vascular 8mm x 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (<b>at least 2 years from the date of delivery</b>)</li> </ul> <p><b>Composition:</b> Trilaminare <b>single layer</b> composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft straight</li> <li>- Beading/ring/ribbed or w/helical support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 8mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	3	48,000.00	144,000.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
30	Graft Vascular 4mm - 6mm x <b>40cm</b> - 80cm	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: with internal and external see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b> Tri- laminate <b>single layer</b> composite wall, PTFE material</p> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- PTFE vascular graft tapered</li> <li>- Beading/ring/ribbed-or-w/helical-support</li> <li>- carbon-lined or non-carbon lined</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>- 6mm x 80cm</li> </ul> <p><b>Functionality:</b></p> <ul style="list-style-type: none"> <li>a) Flexibility - soft, flexible, must conform to host vessel for easy anastomosis</li> <li>b) Suturing - smooth needle passage, excellent suture retention</li> <li>c) Graft Conformance - highly compliant material, promotes a snug fit at the anastomosis site</li> <li>d) must provide protection against "weeping" of the graft wall after implantation</li> </ul>	piece	3	27,000.00	81,000.00					
31	Vessel Loop, Mini (Yellow)	<p><b>Packaging:</b></p> <ul style="list-style-type: none"> <li>- Usage: single use</li> <li>- Sterility: sterile, individually packaged</li> <li>- Presentation: on see-through, peel-away packaging</li> <li>- Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number</li> </ul> <p><b>Composition:</b></p> <ul style="list-style-type: none"> <li>- made from medical grade silicone</li> </ul> <p>Features:</p> <ul style="list-style-type: none"> <li>- 2 loops per pouch, with holder</li> <li>- radiopaque</li> <li>- not made with natural rubber latex</li> </ul> <p>FUNCTIONALITY:</p> <ul style="list-style-type: none"> <li>a) Durability - high tensile strength</li> <li>b) Ease of use - smooth, low memory effect</li> </ul>	pouch	303	330.00	99,990.00					

ITEM NO.	ITEM / SUPPLIES	TECHNICAL SPECIFICATION	UOM	TOTAL QTY.	NKTI APPROVED BUDGET COST		SUPPLIER	BIDDER'S PROPOSAL		BRAND	REMARKS
					UNIT COST	TOTAL COST		UNIT COST	TOTAL COST		
32	Vessel Tip Size 17	<b>Packaging:</b> - Usage: single use - Sterility: sterile, individually packaged - Presentation: on see-through, internal and external peel-away packaging - Label: lot number, expiry date (at least 2 years from the date of delivery) , manufacturer reference number <b>Composition:</b> - made from medical grade silicone <b>Dimensions:</b> - 2.6mm internal diameter, - silicone cannula 17mm length <b>Features:</b> - clear, transparent - with internal trocar/obturator included <b>FUNCTIONALITY:</b> a) Durability - cannula must not kink or bend upon recommended use b) Ease of use - easily attached to infusion set, leak proof on connecting points c) Visualization - fluids must be clearly seen along the cannula d) Fluid Flow - must display good fluid flow upon intended use	piece	327	1,540.00	503,580.00					
<b>TOTAL</b>							<b>45,327,420.00</b>				

Printed Name of Company

Date

Signature

Address

Tel. No.

Printed Name and Designation