

**Annexure-II**

**Tender Notice No.: 08/2023-2024/ IGIMS/Store**

**(Annual Rate Contract for supply of Cath Lab Consumables and Accessories for Dept. of Cardiology)**

**TECHNICAL COMPARATIVE STATEMENT**

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd.,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
1.	PUNCTURE NEEDLE JELCO 21 G, SHORT Sterile puncture needle of 21 G, about 5 cm long, permitting insertion of 0.021" guidewire with plastic jacket covering needle part(USFDA / CE APPROVED)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Quick/ALSPL
2.	PUNCTURE NEEDLE 18G, FEMORAL Sterile puncture needle of 18 G, about 7 cm long, permitting insertion of 0.035"/0.038" guidewire with plastic jacket covering needle.( US FDA / CE APPROVED)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Quick/ALSPL
3.	Radial Introducer Sheath WITH PUNCTURE NEEDLE FOR ADULTS (Sizes 5 - 11 Fr.) Standard Length 7 cm long; 0.035 or 0.038-inch guide wire compatible, include surflash 20G*2 entry needle (plastic IV catheter) and 0.025" mini plastic guidewire. Must have ETFE sheath tubing, dilator tube should be made up of polypropylene and should have silicon coating; Should Contain haemostatic crosscut valve to prevent back leak of blood and aspiration of air; With Integrated side arm with attached 3-way stopcock; Must have suture eye; Kink resistant; With dilator-hub lock mechanism. USFDA /PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Quoted Make: AD-Ducer /ALSPL
4.	Femoral Introducer Sheath WITH PUNCTURE NEEDLE FOR ADULTS (Sizes 4to 11 Fr.) Standard Length; 10-16-25 cm long; 0.021 or 0.025-inch guide wire compatible; Material of sheath tubing should be made of ETFE, Cross cut valve should be made up of silicon rubber & should have silicone coating. Dilator tube should be made up of polypropylene and should have silicon coating. Must Have With haemostatic crosscut valve; With Integrated side arm with attached 3-way stopcock; With suture eye for securing sheath and click sound; Kink resistant. Must Have With dilator-hub lock mechanism to prevent its back-out during insertion; Pack MUST include with or without metallic needle USFDA/PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Quoted Make: AD-Ducer /ALSPL
5.	Femoral introducer sheath standard (Sizes -4 to 11 Fr) Removable cap which has hexacuspid valve Excellent kink resistant Side port extension with 3-way stopcock Optimized catheter manoeuvrability with minimal leakage Cannula made of two (thinner) layers of polyethylene Color codes for easy French size identification 0.38" Guide wire compatible Length-11 cm USFDA/CE approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Quoted Make: AD-Ducer /ALSPL

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
6.	Femoral Sheath Mid length (Sizes -6,7,8 Fr) Removable cap which has hexacuspid valve Excellent kink resistant Side port extension with 3-way stopcock Optimized catheter manoeuvrability with minimal leakage Cannula made of two (thinner) layers of polyethylene Color codes for easy French size identification 0.38" Guide wire compatible Length-23 cm With usable dilator 30 cm USFDA/CE approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted
7.	Special Slender Sheath (GSS) Must Have unique thin wall technology reducing the outer diameter by 1 Fr size whilst maintaining the one size larger inner diameter. Must Have 7Fr Sheath with Outer diameter of 2.8mm, 6Fr with OD of 2.46 mm & 5Fr with OD of 2.13mm. Hydrophilic M coating with 20/21G Surfash needle and TIF tip technology which provides optimal tapering design. USFDA/PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Not Quoted
8.	Coronary Angiography Femoral –PTFE Guide wire <b>PTFE Guidewire</b> , V Stick, with choice of Stainless-steel core or Nitinol core, 140 cms to 260 cms of lengths & 0.018" to 0.038" diameter With Silicon Coated tip and Bevel Indicator USFDA/PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Quoted PTFE guide wire Make: Termo	Quoted Make: Surgiware /ALSPL
9.	Angiography Wire-Hydrophilic wire- 150cm, 180 cm <b>Hydrophilic Guidewire</b> with Super elastic Nitinol allows for superior kink resistance, Must Have M coat hydrophilic coat for extra lubricity. One piece construction for one to one torque & Radiopaque polyurethane jacket. Must Have Tungsten-infused polyurethane jacket. Must be available in 150 cm, 180 cm - Straight and angle. USFDA/PMDA approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Quoted Make: Hydrowire /ALSPL
10.	Angiography Wire -Hydrophilic 260 cm (Exchange length) <b>Hydrophilic Guidewire</b> with Super elastic Nitinol allows for superior kink resistance, Must Have M coat hydrophilic coat for extra lubricity. One piece construction for one to one torque & Radiopaque polyurethane jacket. Must Have Tungsten-infused polyurethane jacket. Must be available in 260 cm - Straight and angle USFDA/PMDA approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Confluent	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Quoted Make: Hydrowire /ALSPL
11.	Special Angiography wire <b>Baby J wire</b> with 1.5mm J tip,	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Radifocus	Not Quoted

	Baby J Curve Must have radius of 1.5 mm. Super elastic Nitinol alloy, M coat hydrophilic coat, One piece construction for one-to-one torque & Radiopaque polyurethane jacket. Must have Tungsten-infused polyurethane jacket. USFDA/PMDA approved										<b>Make: Termo</b>	
<b>12.</b>	Diagnostic guidewire heavy duty-Amplatz super stiff PTFE Coated Rosen Heavy Duty and Amplatz Super Stiff PTFE coated Available in fixed core and moveable core Straight-tip, J-tip Wire diameters: 0.018", 0.025", 0.032", 0.035", 0.038" Lengths: 150 cm, 175 cm, 180 cm, 260 cm 5 units per package. USFDA /CE approved	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>
<b>13.</b>	RADIAL Diagnostic Catheter <b>Angiographic Catheter</b> comprised of a two-layer construction, double braided stainless-steel two-ply mesh sandwiched between layers of polyurethane and polyamide elastomers. Must have 32 Strands of stainless-steel braid. Must Have the shaft inner layer and outer layer contain barium sulphate. Must Have anti-kinking protector, with non-braided tip shaft (distal -2 cm). Trans radial catheter must have shapes designed to cannulate left and right coronary arteries TIG, TIG II, JACKY, SARAH. Must be available in 4F, 5F, 6F sizes Must have inner diameter of 4F = 1.03mm, 5F= 1.20mm, 6F = 1.30mm (USFDA/PMDA –approved)	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Medtronic</b>	<b>Not Quoted</b>	<b>Quoted Make: Cordis</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Radifocus Make: Termo</b>	<b>Not Quoted</b>
<b>14.</b>	ANGIOGRAPHIC Diagnostic catheter of various sizes and shape A. <b>LEFT SIDE</b> -JL-3, JL 3.5, JL 4, JL 4.5, JL 5 B. <b>RIGHT SIDE</b> JR 3, JR 3.5, JR 4, JR 4.5, JR 5 C. <b>AMPLATZ LEFT</b> - AL1, AL-2 D. <b>AMPLATZ RIGHT</b> -AR1, AR2 E. <b>LIMA</b> F. <b>MULTIPURPOSEMPA</b> -1, MPA-2 G. <b>PIGTAIL</b> Use of Full Wall Technology Double Braid wire from hub to Tip for strength, torque & kink resistance Solid Shaft construction for efficient torque and overall catheter performance In slide Polymer in Outer Layer for superior lubricity and enhanced deliverability Soft atraumatic radiopaque tip with excellent visibility Unique ergonomic winged hub for easy manipulation Optimized for both femoral & radial procedures All Common Curves available in Femoral in 5F & 6F 5 Universal Radial Curves available in 5F & 6F (Ultra, Trapease, TracØve, Transformer, Tracker) USFDA/CE APPROVED	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Medtronic</b>	<b>Not Quoted</b>	<b>Quoted Make: Cordis</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>

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15.	<p>ANGIOGRAPHIC Diagnostic catheter of various sizes and shape</p> <p>A. LEFT SIDE-JL-3, JL 3.5, JL 4, JL 4.5, JL 5</p> <p>B. RIGHT SIDE JR 3, JR 3.5, JR 4, JR 4.5, JR 5</p> <p>C. AMPLATZ LEFT, AL1, AL-2</p> <p>D. AMPLATZ RIGHT-AR1, AR2</p> <p>E. LIMA</p> <p>F. MULTIPURPOSE- MPA-1, MPA-2</p> <p>G. PIGTAIL</p> <p>TRUELUMEN™ Technology ensures consistent ID from hub to tip</p> <p>Stainless steel wire braided body wrapped with thrombi-resistant material</p> <p>Color codes for easy french size identification</p> <p>Soft, atraumatic, radiopaque tip (radiopaque marker from the origin of the tip), 4F/5F/6F</p> <p>Lengths: 65 cm/80 cm/100 cm/110 cm/125 cm</p> <p>All regular shape (Curve 3.5, 4, 4.5)</p> <p>Radial - RBL TG, TG, RBL JK, Barbeau</p> <p>Special - SRC, 3DRC, Straight, Pigtail, IM</p> <p>USFDA/CE approved</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted
16.	<p>CORONARY Angiography Femoral Diagnostic Catheter of various sizes and shape</p> <p>A. LEFT SIDE-JL-3, JL 3.5, JL 4, JL 4.5, JL 5</p> <p>B. RIGHT SIDE JR 3, JR 3.5, JR 4, JR 4.5, JR 5</p> <p>C. AMPLATZ LEFT, AL1, AL-2</p> <p>D. AMPLATZ RIGHT, AR1, AR2</p> <p>E. LIMA</p> <p>F. MULTIPURPOSE- MPA-1, MPA-2</p> <p>G. PIGTAIL</p> <p>Double braided Catheter with stainless steel mesh technology.</p> <p>Inner diameter of 4Fr =1.03mm ,5Fr = 1.20mm, 6Fr = 1.30mm or more resulting in Higher flow rates.</p> <p>Must have 32 Strands of stainless-steel braid.</p> <p>The shaft inner layer and outer layer should contain BARIUM SULPHATE</p> <p>Catheter should have ultra-thin wall that creates large lumen.</p> <p>Catheter should have anti-kinking protector, with non-braided tip shaft (distal -2 cm).</p> <p>Trans-femoral catheter shapes JL, JR, AL, AR, IM, pigtail. designed to cannula vasculature in coronary.</p> <p>USFDA/PMDA approved</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Not Quoted
17.	<p>PTCA Guiding Catheter of catheter of various sizes and shape</p> <p>A. EBU-EBU 3, EBU 3.5, EBU 4, EBU 4.5, EBU 5</p> <p>B. LEFT SIDE JUDKINS- JL-3, JL 3.5, JL 4, JL 4.5, JL 5</p> <p>C. RIGHT SIDE JUDKINS- JR 3, JR 3.5, JR 4, JR 4.5, JR</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted

<p>5, JR 3 with side holes, JR 3.5 with side holes, JR4 with side holes  <b>D. AMPLATZ LEFT-</b> AL1, AL-2  <b>E. AMPLATZ RIGHT-</b> AR1, AR2  <b>F. LIMA</b>  <b>G. MULTIPURPOSE-</b>MPA-1, MPA-2  <b>H. PIGTAIL</b>  1) Use of full wall technology.  2) Large inner lumen (6F, 7F, 8F etc sizes offering increased dye flow  3) Radiopaque marker band 3mm distal to the tip facilitates tip orientation.  4) Encapsulated flat wire braid provides better lumen and kink resistance properties.  5) Flexible primary curve for active engagement and strong secondary curve for backup support.  6) Silicon coating on the inner surface for a more lubricious lumen  7) Vest tech nylon material provides better visibility of the guide. 8) USFDA Approved</p>											
<p><b>18.</b> PTCA Guiding Catheter of catheter of various sizes and shape  A. <b>EBU-</b>EBU 3, EBU 3.5, EBU 4, EBU 4.5, EBU 5  B. <b>LEFT SIDE JUDKINS-</b> JL-3, JL 3.5, JL 4, JL 4.5, JL 5  C. <b>RIGHT SIDE JUDKINS-</b> JR 3, JR 3.5, JR 4, JR 4.5, JR 5, JR 3 with side holes, JR 3.5 with side holes, JR4 with side holes  <b>D. AMPLATZ LEFT-</b> AL1, AL-2  <b>E. AMPLATZ RIGHT-</b> AR1, AR2  <b>F. LIMA</b>  <b>G. MULTIPURPOSE-</b>MPA-1, MPA-2  <b>H. PIGTAIL</b>  TRUELUMEN technology for uniform diameters from hub to tip  Catheter range should have short tip, long tip (16 mm long) for active and passive support, side holes  Braiding design should be hybrid ideally flat-on-round wire braiding. PTFE lining for lubricious lumen from hub to tip  Tip should be radiopaque (radiopaque marker from the origin of the tip)  Large lumen (minimum of 0.070" inner lumen for 6F)  5F Long Vista Brite TIP: 16 mm ultrasoft, atraumatic tip for deep seating, additional support and stability  Diameters: 5, 6, 7, 8, 9 Fr  Lengths: 55 cm/90 cm/95 cm/100 cm  Available in wide range of shapes including all regular shapes, transradial-specific shapes, other speciality shapes  Unique extra back up shapes for right coronary and left coronary: XB, XBC, XBLAD, XBR, XBRCA  Speciality shapes: LCB, IM, RCB, MPA, 3DRC, Hockey stick (HS). Special radial shapes: Barbeue  Curve 3, 3.5, 4, 4.5, 5 cm. USFDA/CE approved</p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Quoted Make: Cordis</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>	<p><b>Not Quoted</b></p>

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19.	Guiding catheter for peripheral interventions of various shapes, curves and sizes for femoral / Radial / brachial. a) Renal curve, (b) Renal double curve (c) Shepherd crook (d) Multipurpose (e) Carotid guiding catheter	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted
20.	Special RADIAL Guiding Catheter –IKARI Curve Must Have Ikari curve for radial route. Must have stainless steel flat wire braid High Strength Wired braided catheter with Inner Layer of PTFE with fluoro Polymer. Must have Zone technology - five Zone each fabricated from a material of different stiffness. Must have larger lumen. 6Fr ID - .071" USFDA/PMDA approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Heartrail PTCA Make: Termo	Not Quoted
21.	Guiding Catheters Must have stainless steel flat wire braid , Flat 2 over 2, stainless steel wire Guiding catheter with hydrophilic coating (Uncoated distal 7 cm & Proximal 25 cm). Must Have Inner Layer of PTFE with fluoro Polymer Must be available in shapes like TIG/EBU/XBRA USFDA/PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Quoted Radifocus Make: Termo	Not Quoted
22.	PTCA GUIDE WIRE 2 mm Silicon coated distal tip, 0.014" Diameter and 180 cm length PTCA wire Must have Platinum coil at distal tip. Must have directly jointed SUS and Nitinol shaft through Duo-Core technology and silicon coated joint. Should have M coat hydrophilic coating upto 248 mm Wire Should have PTFE Coating from 25 to 180 cm length. Should be Available in 0.6 gf, 1gf & 3.6gf tip loads Should be available in Floppy tip, Extra floppy tip, Hypercoat tip & Intermediate tip . USFDA + PMDA APPROVED	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Runthrough Make: Termo	Quoted Make: Abbott
23.	PTCA GUIDE WI Regular Workhorse Guidewire with Elastinite Nitinol Core, Hyten Stainless Steel Tip Intermediate polymer sleeve with Smooth glide coating on proximal and Turbocoat on distal tip between tipload 0.5-0.7gm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (BMW)	Not Quoted	Quoted Make: Abbott
24.	PTCA GUIDE WIRE Regular Workhorse Guidewire with Response Core Grind Technology and 3cm Palladium-Rhenium Radiopaque Distal Tip available in tipload of 0.8gm with 190 and 300cm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (Turntrac, Versaturn)	Not Quoted	Quoted Make: Abbott
25.	PTCA GUIDE WIRE Workhorse Guidewire with Dura steel Core, Response Core Grind Technology and 1.5 cm uncoated distal tip for tactile feedback available in multiple variants with exact same tipload of 0.9gm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (Powerturn)	Not Quoted	Quoted Make: Abbott

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26.	PTCA GUIDEWIRE Workhorse Guidewire with Triple Spring 304V Stainless Steel with NiTi Distal Core and Cold Working Rotary Swagging Tip available in tiploads between 0.6-0.8gm and lengths (190/300cm).	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
27.	PTCAGUIDE WIRE Low Support Durasteel Guidewire with Full Polymer Coating available in tiploads between 0.8-1.0gm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (Whisper LS)	Not Quoted	Quoted Make: Abbott
28.	PTCA GUIDE WIRE Medium Support Durasteel Guidewire with Full Polymer Coating available in tiploads between 1.0-1.2gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (Whisper MS)	Not Quoted	Quoted Make: Abbott
29.	PTCA GUIDE WIRE Extra Support Durasteel Guidewire with Full Polymer Coating available in tiploads between 1.0-1.2gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott (Whisper ES)	Not Quoted	Quoted Make: Abbott
30.	PTCA GUIDE WIRE Stainless Steel Guidewire with Intermediate polymer sleeve and hydrophobic coating available in tip load between 0.6-0.7gm with radioopaque tip of 3cm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Rivarp/ Odigos	Not Quoted	Not Quoted	Quoted Make: Abbott (All Star)	Not Quoted	Quoted Make: Abbott
31.	PTCA GUIDE WIRE Stainless Steel Guidewire with Stainless Steel coils and hydrophilic coating available in tipload of 1gm with radioopaque tip of 3cm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Powerturn flex	Not Quoted	Quoted Make: Abbott
32.	PTCA GUIDE WIRE Stainless Steel Penetration Guidewire with Core-to-Tip design and hydrophilic coating available in tipload of 1.7gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Cross IT 100T	Not Quoted	Quoted Make: Abbott
33.	PTCA GUIDE WIRE Stainless Steel Penetration Guidewire with Core-to-Tip design and hydrophilic coating available in tipload of 4.7gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Cross IT 200 T	Not Quoted	Not Quoted
34.	PTCA GUIDE WIRE Stainless Steel Penetration Guidewire with Core-to-Tip design and hydrophilic coating available in tipload of 6.2gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
35.	PTCAGUIDE WIRE Stainless Steel Penetration Guidewire with Core-to-Tip design and hydrophilic coating available in tipload of 8.7gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
36.	PTCA GUIDE WIRE Extra Support Durasteel CTO Guidewire with Full Polymer Cover, Gold Marker at 4.5cm from distal tip and tipload between 1.3-1.5 gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Pilot 50	Not Quoted	Quoted Make: Abbott
37.	PTCA GUIDE WIRE Extra Support Durasteel CTO Guidewire with Full Polymer Cover, Gold Marker at 4.5cm from distal tip and tipload between 2.5-2.7 gm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Pilot 125	Not Quoted	Quoted Make: Abbott
38.	PTCA GUIDE WIRE CTO Guidewire having Durasteel Core, Micro textured tip and Pre-Shaped Micro-J Tip with a length of 1 mm at an angle of 25°. Tipload between 11gm and penetration power of 167 kg/in2. 3 cm Radiopaque Tapered Platinum Nickel (PtNi) Tip Coil	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Infiltrace	Not Quoted	Quoted Make: Abbott

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
39.	PTCA GUIDE WIRE CTO Guidewire having Durasteel Core, Micro textured tip and Pre-Shaped Micro-J Tip with a length of 1 mm at an angle of 25°. Tipload between 14gm and penetration power of 224kg/in2. 3 cm Radiopaque Tapered Platinum Nickel (PtNi) Tip Coil	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott Infiltrace Plus	Not Quoted	Quoted Make: Abbott
40.	PTCA-CTO WIRE CTO Guidewire having Durasteel Core, Intermediate Polymer Sleeve available in tipload between 4.5-4.8gm Tipload and penetration power of 80 kgpsin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
41.	PTCA-CTO WIRE PTCA CTO Guidewire having Dura steel Core, Intermediate Polymer Sleeve available in tipload between 9.5-9.7gm Tipload and penetration power of 120 kgpsin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
42.	PTCA-CTO WIRE PTCA CTO Guidewire having Durasteel Core, Intermediate Polymer Sleeve available in tipload between 13.5-13.9gm Tipload and penetration power of 140 kgpsin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
43.	PTCA-CTO WIRE CTO Guidewire having Durasteel Core, Intermediate Polymer Sleeve available in tipload between 12.8-13.0gm Tipload and penetration power of 200 kgpsin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
44.	PTCA-CTO WIRE Guidewire having Durasteel Core, Intermediate Polymer Sleeve available in tipload between 12.0-12.5gm Tipload and penetration power of 40 kgpsin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
45.	PTCAGUIDE WIRE 1) 0.014 Stainless Steel core wire available in length of 180 cm and 300 cm with St tip 2) Available with Hydro Track coating 3) Distal coil segment for tactile feeling 4) Good torque transmission & Cross ability because of Accu-Core Technology with coaxial central core, hi torque core, round core to tip design & Tapered grind design 5) Available in tip load of 3,6,9,12,15g 6) 3 & 6g tip load wire available in straight tip(0.014") 7) 9,12 & 15g tip load wire available in tapered tip(0.009") 8) Distal 1mm hydrophobic in nature 9) Distal 3mm radiopaque 10) Femoral markers on 90 & 100cm from distal tip	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
46.	Steerable PTCA Guidewire-ATW Guidewire compatible: 0.014, Floppy tip.(Length: 195 & 300cm)	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
47.	Steerable PTCA Guidewire Stabilizer Guidewire compatible: 0.014 Length: 180 & 300cm (Soft, Super Soft tip)	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted



Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakansha Medicare, Patna.
48.	Semi Compliant PTCA Balloons Catheter CTO Balloon with Ultra - Low Entry profile of 0.016" with hydrophilic coating for superior crossability. RED clored tip with easy recognize smallest diameter of 1.00mm and 5mm length. (USFDA/PMDA Approved) Shorter and Thinner radiopaque marker for lower crossing profile (Length of 0.8mm and thickness of 25µm) Flexible Tip with short balloon bonding part of 0.4mm. Robust and improved core wire shaft for better pushability.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted PTCA Balloon Ryurei Make: Termo	Quoted Make: Brosemed/ Cordis
49.	NON-Complaint PTCA balloon NON-Complaint balloon(PMDA Approved/USFDA) with Innovative triple layer balloon technology, outer layer of Elastomer, middle layer of Polyamide and inner most layer of Elastomer. to provide outstanding flexibility and crossing performance.High pressure non-compliant balloon with nominal pressure of 12atm and RBP of 22atm. Flexible thin distal tip with low entry profile of 0.43 mm.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Accuforce PTCA Dilation catheter Make: Termo	Quoted Make: Brosemed/ Cordis
50.	PTCA Balloons Catheter CTO Indicated and USFDA Approved Semi-Complaint Balloon with Slim Seal Technology on distal tip with lesion entry profile of 0.017", crossing profile of 0.021" and single flexible Tungsten marker available in unique diameter of 1.2mm with variety of lengths	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
51.	PTCA Balloons Catheter USFDA approved semi-complaint coronary balloon with Slim Seal Technology on distal tip with crossing profile of 0.021", Lesion entry profile of 0.017" and Microglide Coating available in diameter 2.25-5.00mm and lengths 6-30mm	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
52.	PTCA Balloons Catheter USFDA approved non-complaint coronary balloon with Multi-layerCrossFlex Balloon Technology and Round Tip with Lesion Entry Profile of 0.018" available in diameter 1.5mm-5mm and lengths in 6mm-25mm with Skive Technology on Mid shaft of Dilatation Catheter	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
53.	PTCA Balloons Catheter CE approved semi-complaint coronary balloon with laser bond technology on distal tip with crossing profile of 0.021" and tip entry profile of 0.017" available in diameter 2.25-5.00mm and lengths 6-30mm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Sahajanand Medical Technology	Quoted Make: Sahajanand Laser Technology	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
54.	PTCA Balloons Catheter CE approved non-complaint coronary balloon with Tri-fold layers and Tip Entry Profile of 0.018" available in diameter 2.0-4.5mm and lengths in 8mm-25mm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Sahajanand Medical Technology	Quoted Make: Sahajanand Laser Technology	Quoted Make: Abbott	Not Quoted	Quoted Make: Abbott
55.	PTCA Pre Dilatation Balloons Catheter PTCA Pre - DilatationCatheter, Bi-Segment Inner Lumen Shaft , Soft Leap 1.5and 2.0mm for tight Lesion and LEAP Material balloon , 2.25-4.00mm Semi Compliant Balloons , Sizes - 2.0,2.225, 2.5,2.75, 3.0,3.50, - 9, 12,15,20	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Sahajanand Laser Technology	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
56.	PTCA Post Dilatation Catheter PTCA Post – Dilatation Catheter, Opti-Q Balloon 4% Non Compliant Balloons ,Bi-Segment Inner Shaft ,Hydrophilic , TruFeel Hypotube, Platinum Iridium Marker Bands Sizes - 2.0,2.25, 2.5,2.75, 3.0,3.50, 4.0, 4.50, 5.0- 8, 12,15,20	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Sahajanand Laser Technology	Not Quoted	Not Quoted	Not Quoted
57.	CTO Balloon (NC & SEMI Compliant) PTCA Pre and Post – Dilatation Catheter, Opti-LEAP balloon material , 4% Non-Compliant Balloons ,Dual Layer Balloon ,Bi-Segment Inner Shaft , Hydrophilic Coating Hypotube, Platinum Iridium Marker Bands Sizes - 2.0,2.25, 2.5,2.75, 3.0,3.50, 4.0, 4.50, 5.0- 8, 12,15,20	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
58.	PTCA NON-COMPLIANT BALLOON 1) The lowest lesion entry profile of 0.015 in 2) Fatigue capability (Cycles to RBP) is 20 3) Platinum Iridium Marker band 4) Low inflation Growth High Track balloon material for superior growth profile. 5) Selective duratrac hydrophilic coating. 6) Platinum iridium marker bands for enhanced visibility 7) Power track technology for better deliverability.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Quoted Make: Sahajanand Laser Technology	Not Quoted	Not Quoted	Not Quoted
59.	Coronary Semi-Complaint Workhorse Balloon Catheter – Slim shoulders and hydrophobic coating 43% less friction during kissing balloon technique 38% more push to reach target lesion Catheter Length 140cm US FDA Approved Balloon Diameter (mm): 1.25, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00 Balloon Length (mm): 6, 10, 15, 20, 25, 30	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
60.	Coronary Non-Complaint High Pressure Balloon Catheter Lowest compliance in class avoiding dog-bone effect, Precise dilatation, Enhanced cross ability and accurate placement, Catheter Length 145cm US FDA Approved Balloon Diameter (mm): 2.00, 2.25, 2.50, 2.75, 3.00, 3.25, 3.50, 3.75, 4.00, 4.50, 5.00 Balloon Length (mm): 8, 12, 15, 20, 30,	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
61.	DRUG ELUTING BALLOON AGENT-PACLITAXEL Paclitaxel Drug eluting balloon, fast Acting Balloon at site. Sizes - 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00 – 12, 15, 20, 30, 32, 36, 38, 40	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
62.	DRUG ELUTING BALLOON AGENT-SIROLIMUS SIROLIMUS Drug eluting balloon, fast Acting Balloon at site Sizes - 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00 – 12, 15, 20, 30, 32, 36, 38, 40	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
63.	Coronary Drug-Coated (Paclitaxel) Balloon Catheter– Clinically proven solution for in-stentrestenosis and enovoleasions, Lux coating technology for rapid drug absorption, Advancedtrackability, CatheterLength140cm CE Approved Balloon Diameter(mm) :2.00,2.50,3.00,3.50,4.00 Balloon Length(mm):10,15,20,25,30	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
64.	SCORING BALLON US FDA Approved Balloon Catheter with 3 Wire electro-polished helical scoring element, with Nitinol enhanced balloon deflation, working range from 2atm to 20atm,6F Compatible, with diameter from 2.00 to 3.5mm and length 6,10 & 15mm	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
65.	NON-COMPLIANT POT BALLOON US FDA Approved non-compliant proximal optimization technique balloon catheter with 0.6mm Balloon shoulder length with 20-22 RBP, diameter from 2.25mm to 5.00mm and length variety of 6/8/10/12/15mm, with external Hydrophilic coating and inner Silicone coating	Not Quoted	Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
66.	0.75 CTO BALLOON 0.75mm diameter semi-compliant balloon for cases of chronic total occlusion, with 0.0156 ultra-low tip entry profile, and 0.0184 crossing profile, with RBP at 20atm, and ABP is 28atm, with diameter variations from 0.75mm to 2mm (with 0.25mm increment) & length variations of 5mm to 30mm.	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
67.	Radial Artery Haemostasis Device Radial Artery Haemostasis Device- (T.R. Band) Consists of two balloon specially designed for spot compression of the radial puncture site. Must have belt magic tape for fast application. Must have curved support plate. Must have green marker for appropriate positioning. Must be available in 2 sizes – 24cm and 29cm USFDA+PMDA approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make:Termo	Quoted Make: AD-Band/ ALSPL
68.	Coronary Microcatheter Coronary micro-Guide catheter Must Have tapered stainless steel braid mesh construction and Inner PTFE Layer. Must Have 13 CM floppy distal segment. Must Have Distal outer diameter 1.8 Fr or less and Proximal Outer diameter 2.6Fr. Must have 70cm distal hydrophilic coating. Must be available in Catheter Length 130cm for antegrade approach and 150 cm for retrograde approach. Must have Gold marker for the tip visibility USFDA/PMDA approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make:Termo	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd.,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakansha Medicare, Patna.
69.	Micro Channel Dilator Tapered soft tip of 1.3 Fr with tungsten Braiding and hydrophilic polymer shaft with OD of 2.6FR,Length 135 and 150 cm .	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
70.	Wire Braided Catheter Works with rotation movements for CTO penetration catheter ,length 135 cms .	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
71.	Femoral Artery Haemostasis Device Vascular closure device with Bio absorbable PGA suture that provide a secure seal Bio-absorbable collagen designed, low profile Bio-absorbable Anchor (50:50 blend glycolide and lactide polyer) Must have bovine collagen plug. Must have 9 hole V-twist pattern suture weave. Must be available in 6F and 8F sizes. USFDA+PMDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make:Termo	Not Quoted
72.	Aspiration Thrombectomy Catheter Available in Size 6F, 7F Both, Must have entry profile 0.019 inches Must Have 1.30 mm square suction area Braided polyamide elastomer shaft, stainless steel wire braiding and Guide wire type Stylet, 6.0mm tip length for making aspiration inlet to come closer to the target thrombus and 10cm-length depth. Must Have Distal 40 cm Hydrophilic coating. (PMDA Approved)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make:Termo	Not Quoted
73.	Extension Guiding Catheter Improved new generation Guide extension catheter USFDA Approved Stainless Steel Hypo-tube, polymer catheter segment 1*1 wire braiding Glide coating 0.57" Inner diameter & 0.067" Outer diameter 6/7.25cm and 40 cm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
74.	GUIDE EXTENSION CATHETER Available in 6 Fr and 7Fr Catheter Length 150 cm Platinum iridium marker band Positioning markers at 90 cm and 100 cm from distal tip TruFlex soft polymer tip (2mm) can responsively bend and deflect Smooth Pass Technology to smoothly channel interventional device Entry port and unique 3-mm spade-shaped marker band Tapered distal push-wire section transitions from solid, round proximal push-wire for flexibility 4-cm polymer on-ramp to channel interventional devices Hydrophilic coating, outer layer of distal 21 cm 1-mm long distal marker 2 mm from end of tip 2.5-cm proximal jacket made of rigid polymer selected to maintain luminal integrity. Distal extension length 25 cm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd.	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
75.	Cutting Balloon for PTCA having microsurgical Atherotomes (USFDA Approved) Monorail catheter, Bi-segment Inner Lumen Shaft Proximal Shaft -1.8Fr, Hydrophilic Coating Available in the sizes -2.4mm dia*6,10,15mm length.	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
76.	Coronary scoring balloon with 3 helical Nitinol elements over a semi compliant balloon with RBP 20 atm available in sizes of 1.0,2.5,3.0,and 3.5 mm diameter and length of 6,10 and 15 mm .(USFDA Approved)	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
77.	Inflation device 1) Luminescent Dial face. 2) Option of 20 atm or 30 atm pressure gauge 3) High strength polycarbonate syringe. 4) Quick trigger release. 5) Sure grip torque Knob 6) Ergonomic pistol grip design	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Quoted Make: Rivarp / Inflanix	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: ASPL
78.	Sheath less Access System Available in 5F/6F/7F Smaller access profile than any radial sheath of the same french size 7F guiding catheter is equal to OD profile of a 5F sheathless access system, up to 2F arteriotomy reduction compared to a conventional sheath system Options for single/dual long dilators (135 cm each) of 0.021" / 0.035" wire compatible Contains hydrophilic nitinol mini-guidewire (45 cm) Contains IV cannula (Angiocath) needle (20 G) Hydrophilic coating covering the distal 20 cm of the vessel dilator(CE/USFDA approved)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted
79.	Carotid Self Expanding Stent Auto Tapered (Self Tapered and Non Tapered) Stent Rapid Exchange Guide wire Compatibility- 0.014 Guiding Catheter Compatibility- 7F (5-8mm) 8F (9-10 mm) Length of Delivery System- 135cm Diameter: 6,7,8,9 & 10 mm Length: 20, 30 & 40mm Sheath Compatibility- 5F (5-8 mm) 6F (9-10 mm)	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted
80.	Self-Expandable Nitinol Stent System IliacStent, Biliary Stent, Aerto Iliac Stent, SFA Stent, Peripheral Stent, Illuminax Stent, Venous Stent Nitinol Open cell design, One Hand delivery system Biaxial design system for delivery MRI compitable Billiary Uncovered Stent Guide wire Compatibility- 0.035 Guiding Catheter Compatibility- 8F Length of Delivery System- 120cm Diameter:6,7,8,9,10,12 & 14 mm Length: 40,60,80,100 Sheath Compatibility- 6F	Quoted Make: Boston	Not Quoted	Quoted Make: Ankura AUI	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Quoted Make: Sahajanand Laser Technology	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
81.	Embolic Protection Device Distal Protection Device Carotid Filter Rapid Exchange Sheath Compatibility: 6F Guide wire Compatibility-0.014 Guiding Catheter Compatibility- 8F Diameter: 5,6 &7 mm Length: 180cm	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
82.	IVC Vena Cava Filter (Retrievable) Temporary Vena Cava Filter Shape- Juglar, Femoral & Antecubital Sheath Compatibility: 6F Guide wire Compatibility-0.035 Length 55 & 90cm	Not Quoted	Not Quoted	Quoted Make: Aegisy	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Cordis	Not Quoted	Not Quoted	Not Quoted	Not Quoted
83.	PTMC balloon Balloon material: Fabric extruded with Latex 12 F balloon catheter, 80cm in length. Tri -layered balloon Balloon has no holes and is without vent. Available size range of inflation diameter are 19-22 mm, 21-24 mm, 23-26 mm, 25-28 mm, 26-29 mm, and 27-30 mm. Accessories available individually in a separate packing: Metal balloon stretching tube –medical grade stainless steel 80cm Dilator- medical grade polymer – 12 F LA guidewire – medical grade stainless steel and nitinol Styler – Medical grade stainless steel Syringe with markings of 19-22 mm, 21-24 mm, 23-26 mm,25-28 mm ,26-29 mm, and 27-30 mm. Measurement calliper Certificates- CE & DCGI Approved Shelf Life- 2 years	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
84.	INOUE BMV BALLOON Specially designed balloon perfectly shaped for mitral valve .Short inflation /deflation cycle. New small and soft tip. Large size matrix and three lumens at proximal and Longer guide wire to increase sets in taller patients and available sizes20*30.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
85.	DOC Extension Wire Regular length PTCA guidewire USFDA Approved	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Not Quoted
86.	BMV BALLOON with accessories BMV Balloon with accessory set should containing guide wire, styler, stretching tube, ruler, dilator, syringe	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Vascular concept	Not Quoted	Not Quoted	Not Quoted	Not Quoted
87.	Mulin Sheath for Mitral Valvuloplasty Balloon	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: D'Vill/ Numed

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakansha Medicare, Patna.
88.	Optical Coherence Tomography (OCT) Catheter The imaging catheter should be able to emit near infrared light to produce high-resolution real-time images. The imaging catheter Should be compatible with 0.014" guidewire. It should have outer diameter (distal) that is less than 3.0 French, The imaging catheter should have usable length of 135 mm. The imaging catheter should have radiopaque markers at the distal tip, imaging lens and 50 mm proximal to the lens marker to help physician in aligning pullback to region of interest. The imaging catheter should be hydrophilic coated. It should have rapid exchange tip for guidewire loading. The imaging catheter should have shaft markers to notify physician when the distal tip exiting the guide catheter	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
89.	SYRINGE SYRINGE FOR OCT CATHETER -3 ML	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
90.	Fractional Flow Reserve Pressure wire Should be 0.014" guide wire. Should have high-fidelity piezo electric pressure sensor technology for measurement of intravascular pressure. The system should work wireless radio using Frequency-hopping spread spectrum to ensure secured radio connection with pressurewire The PressureWire should be capable of wired connection to FFR machine. Should have sensor housing design with multiple large windows (Multi window Jacket). Should have a flat core tip design for a better shapeability & shape retention. Should preferably have hydrophilic coating Should have a radio opaque tip. Should have operating pressure range of -30 to +300 mmHg. Should have frequency response of DC to 25 Hz. Should have radio range of at least 2m. Should have Battery time of transmitter for at least 3 hours. Should have a wireless transmission frequency range of 2.4000 – 2.4835 GHz (ISM Band) Should not have a total signal time delay of >30 m	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
91.	FFR WIRE FFR Pressure new generation Guide Wire , Cobalt Chromium Alloy, 0.014" Dia , Brachial Mark 90 cm,Femoral Mark- 100cm , Free spinning Handle , Working Length- 185cm ,Compatible with Polaris IVUS System.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
92.	FFR WIRE 1. Should be 0.014" guide wire. 2. Should have high-fidelity piezo electric pressure sensor technology for measurement of intravascular pressure. 3. The system should work wireless radio using Frequency-hopping spread spectrum to ensure secured radio connection with pressurewire 4. The Pressure Wire should be capable of wired connection to FF machine. 5. Should have sensor housing design with multiple large windows (Multi window Jacket). 6. Should have a flat core tip design for a better shape ability& shape retention. 7. Should preferably have hydrophilic coating 8. Should have a radio opaque tip. 9. Should have operating pressure range of -30 to +300 mmHg. 10. Should have frequency response of DC to 25 Hz. 11. Should have radio range of at least 2m. 12. Should have Battery time of transmitter for at least 3 hr. 13. Should have a wireless transmission frequency range of 2.4000 - 2.4835 GHz (ISM Band) 14. Should not have a total signal time delay of >30 ms.	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
93.	IVUS CATHETERS OPTICROSS HD -High Definition 60 MHz Catheter Transducer Frequency 60 MHz Maximum Diameter Penetration 6 mm Crossing Profile 3.1F Tip to Transducer Distance 20 mm Distal Marker to Transducer 15 mm Working Length 135 cm Guidewire Compatibility ≤ 0.014" Entry Profile 0.026" 0.017" Guide Catheter Compatibility 5F (≥ 0.058") Hydrophilic Sheath Coating. Bio-slide T	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
94.	Vascular closure Device for 5-22F Polypropylene monofilament suture mediated vessel closure with no re- access restriction Immediate re-access advantage Flexibility to pre-close and close over the wire (USFDA Approved) For small hole and large hole closure bath	Not Quoted	Not Quoted	Quoted Make: Cera	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
95.	IVUS CATHETER sled PULL BACK SLED	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
96.	ROTA LINK PLUS BURR Rota link plus - Rota link plus pre fix advancer with burr, 1.25, 1.50 and 1.75, 2.00 burr sizes. Pre-connected Exchangeable Burr Catheter and Advancing Device. Rotablator RotaLink Advancer and Burrs Rotablator Console and Foot Pedal	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted



Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakansha Medicare, Patna.
97.	ROTA WIRE-EXTRA SUPPORT -Short, tapered shaft intended to maximize vessel straightening to help create favorable guide wire bias	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
98.	ROTA WIRE -FLOPPY -Long, tapered shaft designed for greater flexibility Designed for greater vessel straightening in unfavorable guide wire bias situations	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
99.	ROTA WIRE CLIP TORQUER	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
100.	Y CONNECTOR PUSH PULL for PTCA Rotating hemostatic valve with spring type push and release mechanism. It should bleed back control valve and without formation of micro/ macro air bubbles inside it during procedures A. USFDA B.CE	Quoted Make: Boston	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Arthesys	Not Quoted	Quoted Make: Abbott	Not Quoted	Quoted Make: AD-Valve /ALSPL
101.	Y connector set for PTCA Y Connector Set ,10Fr Inner Diameter with 2 valve – haemostatic& mechanical to optimize PCI and achieve minimal blood loss. US FDA Approved	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott	Not Quoted	Not Quoted
102.	MANNIFOLD 2 PORT Manifold two port with knobs to turn right when open A. USFDA B. CE	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Surgifold /ALSPL
103.	MANNIFOLD 3 PORT Manifold three port PTCA kit with to turn left when open, with pressure line, fluid containing and contrast connecting line, short tube to connect toughyborst and leurlock controlled syringe of 10 ml with finger grip. A. USFDA B. CE	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Surgifold /ALSPL
104.	THREE WAY PORT Three way stop cock with one male and two female ports and rotating adapter for coronary Angiography. A.USFDA B.CE	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Life Flow /ALSPL
105.	CONTROL SYRINGE 12 ML Leur lock syringe for angiography ( for multiple high pressure contrast injection in single patient	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
106.	LEUR LOCK SYRINGE 5 ML ML Leur lock syringe for angiography ( for multiple high pressure contrast injection in single patient	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
107.	LEUR LOCK SYRINGE 10 ML Leur lock syringe for angiography ( for multiple high pressure contrast injection in single patient)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
108.	LEUR LOCK SYRINGE 20 ML Leur lock syringe for angiography ( for multiple high pressure contrast injection in single patient	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
109.	LEUR LOCK SYRINGE 50 ML Leur lock syringe for angiography ( for multiple high pressure contrast injection in single patient	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
110.	HIGH PRESSURE INJECTOR LINE High pressure injector line to withstand pressure up to 1200psi, 75-150 cm length with Luer lock male port and rotator. (A.USFDA B.CE )	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: AD-Line /ALSPL
111.	LEAD LOCKING DEVICE US FDA approved Lead Locking Device for Lead extraction with sizing from 0.38mm to 0.58mm compatible with any make & all range of leads, with radiopaque marker at the tip, and a proximal connector and Mandrel to deploy the device.	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
112.	MECHANICAL DILATOR SHEATH US FDA approved mechanical dilator sheath, with bi-directional rotating 574 degree, while extending the blade just 0.02 inches, with Flexible shaft and a static outer shaft.	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
113.	PRESSURE BAG	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Info-Surg /ALSPL
114.	DEFIBRILLATOR PATCH	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
115.	TPI LEAD Bipolar Temporary lead	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Quoted Make: Abbott
116.	IABP BALLOON balloon is made of a polyurethane membrane mounted on a vascular catheter. Various catheter sizes — usually 7.5 F with the balloon size chosen according to height (25–50 cc). May be sheathed or sheathless. Helium is used to inflate the balloon as its low density means there is little turbulent flow so the balloon can inflate fast and deflate slowly.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
117.	ACT CATRIDGE	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
118.	PTCA NEEDLE FOR carrying 0.014 “coronary wire	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: AD-Valve /ALSPL
119.	Torquer (For 0.014” wire)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: AD-Valve /ALSPL
120.	PM TRANSDUCER KIT -PHILIPS FOR PHILIPS CATH LAB	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Monitor /ALSPL
121.	PM TRANSDUCER KIT- SIEMENS FOR SIEMENS CATH LAB	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Monitor /ALSPL
122.	DP SYRINGE 150 ML WITH QUICK FILL TUBE FOR INJECTOR MACHINE	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
123.	PTCA GUIDE WIRE TIP LOAD 0.5 gf ,TIP RADIOPACITY 3 cm, COATING Hybrid coating Hydrophobic coating: tip to 1.5 cm Hydrophilic coating 18.5 cm .SION® blue Frontline guide wire with proprietary ACT ONE construction for greater tip flexibility and support.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
124.	PTCA GUIDE WIRE TIP LOAD 1.0 gf, TIP RADIOPACITY 16 cm, POLYMER JACKET LENGTH 17 cm, TIP OUTER DIAMETER 0.010 inch (0.26 mm), COATING Hydrophilic coating over polymer jacket. Guide wire with tapered durable tip, facilitating entry into the chronic occluded lesions.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
125.	PTCA GUIDE WIRE Diameter is 0.014 inch with 3 cm of radiopaque segment , spring coil length is 11 cm with 20 cm of hydrophilic coating over polymer jacket. Available length – 180 cm and 300 cm with straight or J tip.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Quoted Make: Rivarp / Odigos	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
126.	PTCA GUIDE WIRE 0.014" guide wire with 1.7gf, 3.5gf and 4.5gf tip load options along with tapered tip options, 0.010" (1.7gf wire), 0.011" (3.5gf wire) and 0.012" (4.5gf wire). 40cm hydrophilic coating is there with 15cm spring coil length and 15cm radiopaque segment. There is 1:1 torque and are available in 190cm and 300cm lengths	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
127.	SNARE RETRIEVAL DEVICE -CORONARY Nitinol Shaft for durability and kink resistance. Super-elastic and shape memory properties of nitinol provide kink resistance. Ideal for challenging or unplanned foreign body retrieval and manipulation cases.	Not Quoted	Not Quoted	Quoted Make: Seure	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
128.	SNARE RETRIEVAL DEVICE -PERIPHERAL Nitinol Shaft for durability and kink resistance. Super-elastic and shape memory properties of nitinol provide kink resistance. Ideal for challenging or unplanned foreign body retrieval and manipulation cases	Not Quoted	Not Quoted	Quoted Make: Seure	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
129.	GOOSE NECK SNARE KIT 2-10 MM (COOK/LIFETECH) Super elastic and shape memory properties of nitinol provide kink resistance. Snare catheter contains a platinum-iridium radiopaque marker band. Snare loop forms a true 90° angle. Device remains coaxial to the lumen for proper insertion and successful retrieval or manipulation of atraumatic foreign bodies. Gold-plated tungsten loop provides excellent radiopacity for improved procedural precision.	Not Quoted	Not Quoted	Quoted Make: Seure	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
130.	HIGH PRESURRE INJECTOR LINE High pressure injector line to withstand pressure up to 120psi, 75-150 cm length with Luer lock male port and rotator A.USFDA B.CE	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: AD-Line /ALSPL
131.	THREE WAY STOP COCK Three way stop cock with one male and two female ports and rotating adapter for coronary Angiography. A.USFDA B.CE C. BOTH (USFDA & CE)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Life flow /ALSPL
132.	DVD FOR RECODIN, DVD-R GOOD QUALITY	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
133.	COMPRESSION BANDAGE Compression bandage system set for ICD/Pacemaker implantation aftercare, made with soft,5 layer material including compression device Berliner UFO XL,for left/right side application.	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
134.	LEFT ATRIAL APPENDAGE CLOSURE DEVICE CE APPROVEDLAA CLOSURE DEVICE Percutaneous transcatheter closure for non- surgical closure of Left Atrial appendage. Having an innovative design of cylindrical plug attached with the rentation skirt. cylindrical plug shaped head designed to trap trabeculations. Device should be preloaded on the del very cable with delivery profile of 12FR to 14Fr. Device should be made up of woven nitinol mesh. Device should be MR Conditional upto 3 tesla or less .Device should be backed by strong clinical study with proven success rate of pediatrics and adults.	Not Quoted	Not Quoted	Quoted Make: Lambre	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
135.	Ablation Catheters and Cables BidirectionalRadioFrequencyAblationCatheterwithconnecto r(Allfrenchsizes,4mm)-Med/Large/ExtraLarge BidirectionalRadioFrequencyAblationCatheterwithconnecto r(Allfrenchsizes,8mm)-Med/Large/ExtraLarge Radio Frequency Ablation Catheter(Allsizes,4mm) –Type Small/Medium/Large Curl with compatible connector RadioFrequencyAblationCatheter(Allsizes,8mm)- TypeSmall/Medium/LargeSweepwith compatible connector Connector cables for Ablation cathetersto RF Generator Bidirectional Radio Frequency Ablation Catheter with connector(Allsizes,4mm)-Med/Large/Extra Large Curve Radio Frequency Ablation Catheter(All sizes, 4mm) –Type small/Medium/Large Curl IrrigatedunidirectionRadioFrequencyAblationCatheter(Allsi zes,4mm) –Type Small/Medium/Large Curl with com Irrigated unidirectionablation catheter for 3D MappingwithFlexAbilitywith compatible connector-Type D/F Irrigated bi-directionablation catheter for 3DMapping with Flex Ability with compatible connector-Type Irrigated bi-directionablation Sensor Enabled catheter for 3DMapping with Flex Ability Sensor Enabled with Compatible connector-Type DD/DF/FFCure Irrigatedbi-directionablation Contact forcesensing catheter which integrates with St.Jude3D mapping system- Irrigated unidirection ablation Contacforce catheter which integrates with St.Jude3D mapping system-Type EGM Cable should be compatible for St.Jude RF Generator	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
136.	<p>Diagnostic Catheters and Cables IN EP</p> <p>Deflectable Decapolar Electrophysiology Catheter with connector (All French sizes)push-pull handle</p> <p>Deflectable Decapolar Electrophysiology Catheter(All French sizes)push-pull handle</p> <p>DeflectableQuadripolarElectrophysiologyCatheterwithconnector(Allfrenchsizes) push-pull handle</p> <p>Deflectable Quadripolar Electrophysiology Catheter (All French sizes)push-pull handle</p> <p>Fixed Curve Quadripolar Electrophysiology catheter (All French Sizes)CRD/JSN/DAO with assorted curves and</p> <p>Fixed Curve Quadripolar Electrophysiology catheter(All French Sizes)CRD/JSN/DAO with assorted curves</p> <p>FixedCurveQuadripolarHISBundleElectrophysiologycatheter(AllFrenchSizes)CRD-2 with assorted curves and</p> <p>FixedCurveQuadripolarHISBundleElectrophysiologycatheter(AllFrenchSizes)CRD-2withassortedcurves</p> <p>Fixed Curve Quadripolar Electrophysiology catheter (All French Sizes)CRD/JSN/DAO with assorted curves and</p> <p>FixedCurveHexapolar(Unipolar)Electrophysiologycatheter(AllFrenchSizes)JSN with assorted curves and</p> <p>FixedCurveDecapolarElectrophysiologycatheter(AllFrench Sizes)CSLwithassortedcurvesandcompatible</p> <p>FixedCurveDecapolarElectrophysiologycatheter(AllFrench Sizes)CSLwithassortedcurves</p> <p>DuoDecapolarElectrophysiologyCatheter-20 Poles(All sizes)Electrode Spacing(2-5-2,2-2-2 )with compatible</p> <p>H-curve Duo decapolar Electro-physiology catheter(7F) with compatible connector</p> <p>Deflectable Decapolar Luma-cath Electrophysiology Catheter with connector(All french sizes)push-pull handle</p> <p>DeflectableDecapolarLuma-cathElectrophysiologyCatheter(Allfrenchsizes)push-pullhandle</p> <p>PV Mapping Electrophysiology catheter with connector—deflectable variable circular mapping catheter 15mm-PVMappingCircularDiagnosticCatheter6fwith 10electrodes (for pulmonary veins), fixed diameter/Variable</p> <p>PV Mapping Circular Diagnostic Catheter(7F) with 20electrodes (for pulmonary veins), variable curve with</p> <p>PVMappingCircularSensorEnabledDiagnosticCatheter6f with10 electrodes (for pulmonary veins), fixed diameter/Variable Cure with compatible connector</p> <p>Irrigated Bidirectional 16 Electrode High-Density Sensor Enable MappingCatheterwithCompatibleConnector</p> <p>HDGridSECable22 Electrode Connector</p> <p>Connecting Cable for Sensor Enable ablation Catheters</p> <p>Deflecting Diagnostic Decapolarcable</p> <p>Deflecting Diagnostic Quadpolarcable</p> <p>Fixed Quad/ Hexapolarcables, Fixed Decapolar Cables</p> <p>H-cure Duo –decacable, Duo-deca cables</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
137.	3D Mapping and Other Accessories Cool Point Tubing Set for Irrigated RF Catheter "St. Jude" Impedance patches for electroanatomical mapping (NavX Velocity Patches) for use with ENSITE Velocity Mapping Magnetic Based patches for electro anatomical mapping (Ensite Precision Patch) for use with Ensite precision Intra cardiac Echo Catheter for Compatible with CX50 System and SJM Echo system Surface electrode kit For navigation purpose which is compatible with St. Jude- Precision 3D mapping system	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
138.	Guiding Access Swartz Introducer sheath with hemostatic valve SL0/SL1/SL2/SL3 (8F-8.5F, 63 cm) Swartz Introducer sheath with hemostatic valve SR0/SR1/SR2 (8F-8.5F, 63 cm) Introducer sheath with hemostatic valve and locking hub (4F-9F, 12cm) Introducer sheath with 2 port hemostatic valve and locking hub (8F-12F, 12cm) Introducer sheath with 3 port hemostatic valve and locking hub (10F-14F, 12 cm) Mullin Sheaths-Different Sizes Speciality Sheath For atrial Flutter (SAFL) Bidirectional Steerable sheath with radio-opaque marker (8.5F, 67cm) 0-180 degree turning with dilator-Type Bi-directional Steerable sheath with radio-opaque marker (8.5F, 40cm) 0-180 degree turning with dilator-Type BROCKENBO ROUGH Needle Adult T for transeptal puncture, 71cm, 98 cm-BRK/BRK-1	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
139.	ASD CLOSURE DEVICE: - The device should be self-expandable, double disc device made from Nitinol wire mesh with shape memory Device should be available in all standard sizes from 6MM - 46MM. Device should be approved by US FDA/CE Mark Device should be 3Tesla MRI compatible. Device should have a coating to prevent nickel leaching. DELIVERY SYSTEM FOR ASD CLOSURE DEVICE All Size)	Not Quoted	Not Quoted	Quoted Make: Heart R and SteerEase	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Vascular Innovation		Quoted Make: Abbott/ St. Jude		
140.	Atrial Septal Defect (ASD) Device with delivery sheath system 1. ASD Closure devices should have sizes from 4mm to 40mm (with increment of every 1mm till 20mm and 2mm from 20 mm to 40 mm) 2. The two discs are linked together by a short connecting waist corresponding to the size of the ASD and the discs and the waist are filled with polyester fabric to promote occlusion and tissue in growth 3. ASD devices device should be available in different sizes starting with device size of 4mm with LA disc diameter 16mm, RA disc diameter 12mm and corresponding width of	Not Quoted	Not Quoted	Quoted Make: Cera and SteerEase	Not Quoted	Not Quoted	Quoted Make: Rivarp/ Occlunix	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted

	connecting waist as 3mm. It should be available in various sizes from 4mm to 20mm in 1mm incremental difference and 22mm to 40mm in 2mm incremental difference 4. ASD device should come with the blue layer wire treatment. The thin blue oxide layer in wire strands is designed to reduce Ni Leaching. 5. The device should be proven as conditional MR safe through non clinical testing for static magnetic field of 3T or less and with a maximum whole body averaged specific absorption rate (SAR) of 3.8 W/kg at 1.5 Tesla and 5.5 W/kg at 5.0 Tesla for a 20 minute exposure to a B1 of 118 $\mu$ T.											
141.	<b>V S D CLOSURE DEVICE with delivery sheath system</b> 1. The device should be self-expandable, double disc device made from Nitinol wire mesh with shape memory.  2. Device should be available in all standard sizes from 4MM - 24MM.  3. Device should be approved by US FDA/CE Mark/DCGI  4. Device should be 3 Tesla MRI compatible.  5. Device should have a coating to prevent nickel leaching.  DELIVERY SYSTEM FOR VSD CLOSURE DEVICE(All Size)	Not Quoted	Not Quoted	Quoted Make: Cera and SteerEase	Not Quoted	Not Quoted	Quoted Make: Rivarp Occlunix	Quoted Make: Vascular Innovation	Not Quoted	Not Quoted	Not Quoted	Not Quoted
142.	<b>PDA device closure with delivery sheath system</b> 1. The device should be self expandable, double disc device, made from nitinol wire mesh with shape memory.  2. Device should be available in all standard sizes from 4MM/6MM - 26MM/28MM  3. Device should be approved by US FDA/CE Mark/DCGI.  4. Device should be 3 Tesla MRI compatible.  5. Device should have a coating to prevent nickel leaching.  DELIVERY SYSTEM FOR PDACLOSURE DEVICE (All Size).	Not Quoted	Not Quoted	Quoted Make: Cera and SteerEase	Not Quoted	Not Quoted	Quoted Make: Rivarp Occlunix	Quoted Make: Vascular Innovation	Not Quoted	Not Quoted	Not Quoted	Not Quoted
143.	<b>Patent Ductus Arteriosus Occlusion Device (PDA) with delivery sheath system</b> The 5/4 device should be compatible with a 5F sheath, Sizes- 6/4, 8/6, 10/8 should be compatible with a 6 F sheath, 12/10, 14/12 and 16/14 sizes should be compatible with 7F sheath The PDA closure device should come with the Blue oxide wire treatment. The thin blue oxide layer in wire strands is designed to reduce Ni Leaching The device should be a self-expandable device made from Nitinol wire mesh and Polyester fabric sewn into the device with polyester thread.	Not Quoted	Not Quoted	Quoted Make: Cera and SteerEase	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted

	<p>The device should demonstrate at least 98.4% closure at 6 months in a recognized clinical trial.</p> <p>It should have clinical study (with 300 or more patient enrolment) to prove complete closure of ductus greater than 98% at 6 months interval, absence of continuous heart murmur greater than 95% at 12 months and any adverse event rate less than 6%.</p> <p>The device should be available in different sizes starting device diameter at descending aorta 5mm, device diameter at pulmonary artery 4mm and retention skirt 9mm. It should be available in sizes 5X4, 6X4, 8X6, 10X8, 12X10, 14X12, 16X14mm (device diameter at descending aorta X device diameter at pulmonary artery) to properly fit the occluder to the duct size.</p> <p>The device should be proven as conditional MR safe through nonclinical testing for static magnetic field of 3T or less and with a maximum whole body averaged specific absorption rate (SAR) of 3.8 W/kg at 1.5 Tesla and 5.5 W/kg at 5.0 Tesla for a 20 minute exposure to a B1 of 118 <math>\mu</math>T</p> <p><b>Cribriform multi- fenestrated septal Occluder</b></p> <p>1. It should be a percutaneous, transcatheter, atrial septal defect closure device intended for the closure of multi-fenestrated (cribriform) ASD.</p> <p>2. The device should be available in 5 sizes- 18, 25, 30, 35 and 40mm. The 18, 25 and 30mm device should be compatible with an 8 F sheath and 35mm and 40mm device should be compatible with a 9F and 10F sheath respectively.</p>											
144.	<p><b>Muscular VSD Occluder with delivery sheath system</b></p> <p>1. The Muscular VSD Occluder is specially designing to close complex muscular VSDs in patients considered to be high risk for standard surgical repair.</p> <p>2. The waist length should be at least 7 mm to accommodate the thickness of the muscular ventricular septal wall</p> <p>3. It should come in at least 8 sizes with waist diameters (mm) - 4, 6, 8, 10, 12, 14, 16 and 18 mm.</p> <p>4. The sheaths should be available in both 45degree (6F, 7F, 8F, 9 F) and 180 degree tip ( 5F, 6F, 7F, 8F, 9F) angulations.</p> <p>5. Through non-clinical testing, devices have been shown to be MR Conditional. A patient with an implanted device can be scanned safely immediately after placement of the device under the following conditions:</p> <p>i. Static magnetic field of 3 tesla or less</p> <p>ii. Spatial gradient magnetic field of 720 G/cm or less</p> <p>6. Maximum MR system-reported, whole-body-averaged specific absorption rate (SAR) of 3 W/kg for 15 minutes of scanning</p>	Not Quoted	Not Quoted	Quoted Make: HeartR and SteerEase	Not Quoted	Not Quoted	Quoted Make: Rivarp Occlunix	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted
145.	<p><b>Muscular PI VSD Occluder with delivery sheath system</b></p> <p>1. It should be Self-expanding, double-disc device designed for closure of muscular ventricular septal defects</p> <p>2. It should be available in 5 sizes (16,18, 20, 22, 24 mm).</p>	Not Quoted	Not Quoted	Quoted Make: HeartR and SteerEase	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted



	<p>The sizes should be compatible with 9F or 10 F sheath sizes</p> <p>3. It should have a waist length of 10 mm that can accommodate the damaged muscular tissue of the ventricular septal wall of myocardial infarction patients</p> <p>4. It should have a symmetrical design that allows for both a venous or arterial delivery approach</p> <p>5. Device should be easy to recapture and redeploy for optimal placement</p> <p>6. The device should contain Nitinol and interwoven polyester to promote occlusion and tissue in-growth</p>												
<b>146.</b>	<p><b>Ultra-flexible Intravascular ASD Delivery System (6F,7F,8F,9F,10F,12F)</b></p> <p>1. ASD Device Delivery System along With Sheath, Cable, Loader Complete Set.</p> <p>2. Delivery Cable should have ultra-flexible tip to improve assessment of device position before cable release and to reduce bias on the device</p> <p>3. Delivery cable should have flexible transition section to maintains sheath position during deployment of the device</p>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: SteerEase</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Abbott/ St. Jude</b>	<b>Not Quoted</b>	<b>Not Quoted</b>
<b>147.</b>	<p><b>PDA Delivery System (5F,6F,7F,8F,9F)</b></p> <p>The 180° Delivery System consists of a delivery sheath, dilator, loader, plastic vise and delivery cable. The delivery system should design specifically to provide easy loading, advancement, positioning, and release of the PDA Occluder devices. Product features include a reinforced polymer delivery sheath with stainless steel braid for added kink-resistance, PTFE internal lumen for reduced friction during occluder advancement and transitions to a softer distal segment for improved manoeuvrability in tortuous anatomy.</p>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: SteerEase</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Rivarp Occlunix</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Abbott/ St. Jude</b>	<b>Not Quoted</b>	<b>Not Quoted</b>
<b>148.</b>	<p><b>PFO Occluder with delivery sheath system</b></p> <ul style="list-style-type: none"> <li>• Self-expanding, self-centering double-disc occluder</li> <li>• Platinum coating of <math>\leq 25 \mu</math> using nano fusion technology</li> <li>• Polypropylene fabric sewn inside the occluder device</li> <li>• Available in 6 sizes, 5 sizes (18/18, 25/18, 25/25, 30/25, 30/30 mm) which are 8F compatible and 1 size (35/25 mm) which is 9F compatible</li> <li>• 6F delivery cable available in individual packaging</li> <li>• Certificates- CE &amp; DCGI Approved</li> <li>• Shelf Life- 3 years</li> </ul>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Ceraflex and SteerEase</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Vascular Innovation</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Abbott/ St. Jude</b>	<b>Not Quoted</b>	<b>Not Quoted</b>
<b>149.</b>	<p><b>Septal Occluder with delivery sheath system</b></p> <ul style="list-style-type: none"> <li>• Self-expanding, self-centering double-disc device</li> <li>• Platinum coating of <math>\leq 25 \mu</math> using nano fusion technology</li> <li>• Polypropylene fabric sewn inside the occluder device</li> <li>• Available in sizes- 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38 &amp; 40mm</li> <li>• 6F delivery cable available in individual packaging</li> <li>• Publications of more than 1,000 patients in a journal with impact factor greater than 1</li> <li>• Publications demonstrating minimal nickel leaching up to six months follow-up</li> <li>• Certificates- CE &amp; DCGI Approved</li> <li>• Shelf Life- 3 years</li> </ul>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Cera and SteerEase</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Quoted Make: Vascular Innovation</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>	<b>Not Quoted</b>

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Ltd.,	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
150.	<b>PDA Occluder with delivery sheath system</b> <ul style="list-style-type: none"> <li>• Hat-shaped designed PDA occluder device</li> <li>• Platinum coating of <math>\leq 25 \mu</math> using nano fusion technology</li> <li>• Polypropylene fabric sewn inside the occluder device</li> <li>• Extended retention portion provides proper positioning of the device in the ductus arteriosus</li> <li>• Available Sizes- 4/6, 6/8, 8/10, 10/12, 12/14, 14/16, 16/18, 18/20mm</li> <li>• 5F and 6F delivery cables available in individual packaging</li> <li>• Clinically proven safe and effective PDA occluder</li> <li>• Publications demonstrating minimal nickel leaching up to six months follow-up</li> <li>• Certificates- CE &amp; DCGI Approved</li> <li>• Shelf Life- 3 years</li> </ul>	Not Quoted	Not Quoted	Quoted Make: Cera and SteerEase	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Vascular Innovation	Not Quoted	Not Quoted	Not Quoted	Not Quoted
151.	<b>VSD Occluder with delivery sheath system</b> <ul style="list-style-type: none"> <li>• Self-expanding, self-centering double-disc device</li> <li>• Platinum coating of <math>\leq 25 \mu</math> using nano fusion technology</li> <li>• Polypropylene fabric sewn inside the occluder device</li> <li>• Available Sizes- 4-4, 4-10, 6-4, 6-10, 8-4, 8-10, 10-4, 10-10, 12-4, 12-10mm</li> <li>• Delivery cable available along with cable sheath in individual packaging</li> <li>• Soft and flexible distal end of delivery cable to navigate in various anatomies</li> <li>• Availability of 'S-shaped' sheath</li> <li>• Certificates- CE &amp; DCGI Approved (Shelf Life- 3 years)</li> </ul>	Not Quoted	Not Quoted	Quoted Make: KONAR and SteerEase	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Vascular Innovation	Not Quoted	Not Quoted	Not Quoted	Not Quoted
152.	<b>Trans-catheter Aortic Valve with delivery sheath system</b> <ul style="list-style-type: none"> <li>• Self-expanding frame, Supra-annular valve design, Bovine Pericardial Valve</li> <li>• Proprietary Anti-calcification tissue treatment</li> <li>• Extended internal sealing skirt</li> <li>• Two rows of Radio-opaque markers on the frame</li> <li>• Varying radial force frame – optimal forces at all 3 parts of the frame</li> <li>• Available in three sizes of 22, 26, and 30 mm, which cover the treatable annular diameter range from 17 to 27 mm</li> <li>• Post dilatation limits of valve frame equal to approved annulus diameter limit</li> <li>• Cell size of <math>\geq 15</math> French</li> <li>• Less metal at the inflow section</li> <li>• Certificates- CE &amp; DCGI Approved</li> <li>• Shelf Life- 1 year- Hydra Devices</li> <li>• Shelf Life- 2 year- Delivery &amp; Loading System Delivery Catheter</li> <li>• 18 Fr Compatibility Safety Feature</li> <li>• Ability to recapture, reposition and retrieve from up to 80% deployment level</li> <li>• Clinically proven safe and effective TAVI valve</li> <li>• Publication of more than 150 patients in journal with impact factor greater than 8</li> </ul>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Vascular Innovation	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Sr. No	ITEMS	M/s Boston Scientific India Pvt. Ltd Gurgaon.	M/s Veiva Scientific India Pvt. Ltd, Bangalore	M/s Lifetech Scientific India Pvt. Ltd., Bangalore.	M/s Meditech System, Patna.	M/s India Medtronic Pvt. Ltd.	M/s Pira Scientific Pvt. Ltd, Patna	M/s Sahajanand Medical Technologies Limited, Surat	M/s Sahajanand Laser Technology Ltd, Gandhinagar	M/s Tanay Enterprises, Patna	M/s Terumo India Pvt. Ltd, Haryana.	M/s Aakash Medicare, Patna.
153.	<b>RADIATION PROTECTION DRAPES</b> Scatter Radiation Drapes with US FDA, CE, DIN(6875-1),ASTM-(F3094-14),IEC(61331-1-2014) approvals, and KIARMOR lead free bi-layer with range from 50 to 150kVp	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
154.	<b>RADIATION PROTECTION DRESSES</b> Radiation protection dress with CE, DIN(6875-1),ASTM-(F3094-14),IEC(61331-1-2014) approvals, and KIARMOR lead free bi-layer with range from 50 to 150kVp	Not Quoted	Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
155.	<b>Single chamber TEMPORARY PACEMAKER</b> It should be compact and light in weight. It Should have facility to attach to patient arm, leg as well as IV Pole MODE OF OPERATION: Demand or Asynchronous. It should have Pacing Rates range at least 30ppm-200ppm It should have Rapid Atrial Pacing Rates easy to increments from at least 80ppm-800ppm It should have Output Amplitude range of at least 0.1V -10 V or 0.1mA to 20 mA or more It should have Pulse Width of 1 ms or wider Display should demonstrate both sensing and pulsing. Control: All controls are to be located on the front Should have safety lock for set pacing parameters It should have Sensitivity ranges : Ventricular: 1- 20 mV or more Lock function should be available to avoid accidentally changing the value It should work on 9 V alkaline batteries or 1.5 V AA batteries which are very easily available in the market. Uninterrupted Pacing Backlit screen to display all the major parameters It should have pacing pause mode It should have auto Sensing It should have Low Battery Indicator Should have US FDA and European CE certificate and certificate to be submitted.	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Medtronic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted Make: Abbott/ St. Jude	Not Quoted	Not Quoted

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**Note: All the quoted bidders are requested to verify the same and point out discrepancies, if any, within 10 days from the date of publication of this comparative statement i.e. up to 07/11/2023.**