

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 01, Item Name: UPRIGHT BINOCULAR MICROSCOPE

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 32, Para 2	Research type frame with LED Illumination with life of at least 60,000 Hours, Co axial coarse & fine focusing mechanism with low drive handle.	<p>Please change this point to: 'Research type frame with LED Illumination with long life, Co axial coarse & fine focusing mechanism with low drive handle' Reason: LED life varies from manufacturer to manufacturer. It is therefore suggested not to put any specific number here. Moreover, the suppliers will be responsible for ensuring full working of the illumination system for the completer warranty + CMC period</p> <p>Please change this point to: Research type frame with LED Illumination with long life, Co axial coarse & fine focusing mechanism with low drive handle' Reason: LED life varies from manufacturer to manufacturer. It is therefore suggested not to put any specific number here. Moreover, the suppliers will be responsible for ensuring full working of the illumination system for the completer warranty + CMC period</p> <p>Research type frame with LED Illumination 3W or better with life of at least 35,000 Hours or better, Co axial coarse & fine focusing mechanism with low drive handle.</p> <p>Research type frame with LED Illumination with life of at least 50,000 Hours, Co axial coarse & fine focusing mechanism with low drive handle. Remarks:- 50000 hrs can be matched by all</p>	<p>Amended as</p> <p>Research type frame with LED Illumination with life of at least 20,000 Hours or more, Co axial coarse & fine focusing mechanism with low drive handle.</p>
5		Pair of wide field eyepieces 10x (F.N. 20 or higher)	Pair of wide field eyepieces 10x (F.N. 22 or higher)	Changes not considered
2	Page 32, Para 6	Quintuple revolving nosepiece with inward tilt for attaching 5 objectives at a time.	<p>Please change this point to: 'Sextuple DIC revolving nosepiece with inward tilt for attaching additional objectives like 2x/20x/60x etc in the future' Reason: Having a sextuple nosepiece would enable the users to add objectives in the future</p> <p>Please change this point to: 'Sextuple DIC revolving nosepiece with inward tilt for attaching additional objectives like 2x/20x/60x etc in the future' Reason: Having a sextuple nosepiece would enable the users to add objectives in the future</p>	<p>Amended as</p> <p>Quintuple/ sextuple revolving nosepiece with inward tilt for attaching 5/6 objectives at a time.</p>
3	Page 32, Para 7	Mechanical stage 188 x 134mm or better, travelling range 76mm(x) x 50mm(y) or better, wire driven without rack & without projection of rack outside during X-Y movement of the stage.	<p>Please change this point to: 'Mechanical stage with travelling range 76mm(x) x 50mm(y) or better, wire driven without rack & without projection of rack outside during X-Y movement of the stage' Reason: Stage dimension vary for different manufacturers. It is recommended to remove this point and sticking to only the travel range as that is more important.</p> <p>Please change this point to: 'Mechanical stage with travelling range 76mm(x) x 50mm(y) or better, wire driven without rack & without projection of rack outside during X-Y movement of the stage' Reason: Stage dimension vary for different manufacturers. It is recommended to remove this point and sticking to only the travel range as that is more important.</p>	<p>Amended as</p> <p>Mechanical stage travelling range 70mm(x) x 50mm(y) or better, wire driven without rack & without projection of rack outside during X-Y movement of the stage.</p>

4	Page 32, Para 8	Universal Condenser Swing out with 7 or more positions for Brightfield, , , 2X low magnification objective position.(N.A. 1.25 or higher) with built-in aperture iris diaphragm	<p>Please change this point to: 'Condenser Swing out N.A. 0.9 or higher' Reason: Since the microscope will be used only for histopathology applications it is recommended to add a condenser for the same applications</p> <p>Please change this point to: 'Condenser Swing out N.A. 0.9 or higher' Reason: Since the microscope will be used only for histopathology applications it is recommended to add a condenser for the same applications</p> <p>Universal Condenser Swing out with 5 or more positions for Brightfield, , , 2X low magnification objective position.(N.A. 1.25 or higher) with built-in aperture iris diaphragm Remarks:- 5 position can be matched by all</p>	<p>Amended as</p> <p>Universal Abe or swingout Condense with 5 or more position for bright field 2X low magnification objective position.(N.A. 0.9 or higher) with built-in aperture iris diaphragm</p>
5	Page 32, Para 10	Plan Achromat objective 4X (N.A. 0.1 or higher, W.D. 18.5 mm or better), 10x (N.A. 0.25 or higher, W.D. 10.5 mm or better), 40x (N.A. 0.65 or higher, W.D. 0.6 mm or better) &100x Oil (N.A. 1.25 or higher, W.D. 0.13 mm or better)	<p>Plan Achromat objective 4X (N.A. 0.1 or higher, W.D. 18.5 mm or better), 10x (N.A. 0.25 or higher, W.D. 10.5 mm or better), 40x (N.A. 0.65 or higher, W.D. 0.35 mm or better) &100x Oil (N.A. 1.25 or higher, W.D. 0.12 mm or better)</p> <p>Plan Achromat objective 4X (N.A. 0.1 or higher, W.D. 18.0 mm or better), 10x (N.A. 0.25 or higher, W.D. 10.5 mm or better), 40x (N.A. 0.65 or higher, W.D. 0.35 mm or better) &100x Oil (N.A. 1.25 or higher, W.D. 0.12 mm or better)</p> <p>Remarks:- Changes required for us to participate in the tender.</p>	<p>Amended as</p> <p>Plann Achromatic objective 2x Plan Achromat objective 4X (N.A. 0.1 or higher, W.D. 18.0 mm or better) Plan Achromat objective 10x (N.A. 0.25 or higher, W.D. 10.5 mm or better) Plan Achromat objective 40x (N.A. 0.65 or higher, W.D. 0.35 mm or better) Plan Achromat objective 100x Oil (N.A. 1.25 or higher, W.D. 0.12 mm or better)</p>
6	Page 32, Para 11	All quoted specifications should be supported by technical literature and web links from the manufacturer's website should be mandatorily mentioned. The quoted microscope should be on-site upgradable to LED fluorescence, drawing attachment, dual observation attachment, simple polarization etc.	<p>Please change this point to: 'All quoted specifications should be supported by technical literature and web links from the manufacturer's website should be mandatorily mentioned. The quoted microscope should be on-site upgradable to LED fluorescence with at least 6-positions turret, drawing attachment, dual observation attachment, simple polarization, DIC and full stepwise motorization etc.' Reason: Making the above changes will ensure that all bidders quote systems with similar features and the institute gets the most advanced yet economical system</p> <p>Please change this point to: 'All quoted specifications should be supported by technical literature and web links from the manufacturer's website should be mandatorily mentioned. The quoted microscope should be on-site upgradable to LED fluorescence with at least 6-positions turret, drawing attachment, dual observation attachment, simple polarization, DIC and full stepwise motorization etc.' Reason: Making the above changes will ensure that all bidders quote systems with similar features and the institute gets the most advanced yet economical system</p> <p>All quoted specifications should be supported by technical literature and web links from the manufacturer's website should be mandatorily mentioned. The quoted microscope should be upgradable to LED fluorescence, Dark Field, Phase, drawing attachment, dual observation attachment, simple polarization etc.</p>	<p>Amended as</p> <p>'All quoted specifications should be supported by technical literature and web links from the manufacturer's website should be mandatorily mentioned. The quoted microscope should be upgradable to LED fluorescence with at least 6-positions turret, drawing attachment, dual observation attachment, simple polarization, DIC</p>

7	Page 32, Para 12	TEN Spare compatible LED and blue filter (10nos) should be provided without additional cost	<p>Please change this point to: 'The supplier should ensure full working of the LED for the complete warranty & CMC period' Reason: Since the life of the LED bulb varies for different manufacturer it is advisable not to mention a specific quantity for the same. The supplier should be made responsible for full working of the microscope for complete warranty + CMC period instead.</p> <p>Please change this point to: 'The supplier should ensure full working of the LED for the complete warranty & CMC period' Reason: Since the life of the LED bulb varies for different manufacturer it is advisable not to mention a specific quantity for the same. The supplier should be made responsible for full working of the microscope for complete warranty + CMC period instead.</p> <p>EN Spare compatible LED should be provided without additional cost Remarks:- Blue filter is not required with LED illumination.</p>	<p>Amended as</p> <p>The supplier should ensure full working of the LED for the complete warranty & CMC period</p>
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Item no 04, Item Name: DECAHEAD RESEARCH & TEACHING MICROSCOPE WITH CAMERATWARE

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
	Para 2	Illumination: The microscope should have an ergonomic stand with high intensity - at least 14 watt LED illumination system with a life of 50,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb	Illumination: The microscope should have an ergonomic stand with high intensity - at least 10–14-watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.	Amended as The microscope should have an ergonomic stand with high intensity - at least 10–14-watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.
1	Page 34 Para 3	Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads; full stepwise motorization and DIC (Differential Interference Contrast).	Upgradability: The quoted microscope should be onsite upgradable to at least 23 more additional heads; and DIC (Differential Interference Contrast) Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads and DIC (Differential Interference Contrast). Remarks:_ Removefull stepwise motorization.	Amended as Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads and DIC (Differential Interference Contrast).
2	Page 34 Para 5	Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 26 or higher.	Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 23 or higher Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 25 mm or higher. Remarks:- 26 mm FOV is not available with us	Amended as Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 23 mm or higher
	para 6	Nosepiece: Septuple (7-positions) revolving nosepiece with a slot for analyzer or DIC slider	Nosepiece: Sextuple (6-positions) revolving CODED/ Intelligent nosepiece with aslot for analyzer or DIC slider	Amended as Nosepiece: Sextuple (6-positions) revolving nosepiece with aslot for analyzer or DIC slider

3	Page 34 Para 7	<p>Objectives: The following objectives should be quoted:-</p> <p>I. Plan Apochromat 2X, N.A. 0.08 or higher, WD 6.0 mm or higher</p> <p>II. Plan Apochromat 4X, N.A. 0.16 or higher, WD 13.0 mm or higher</p> <p>III. Plan Semi Apochromat 10X Phase, N.A. 0.30 or higher, W.D. 10.0 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x N.A. 0.80 or higher, WD 0.6 mm or higher</p> <p>V. Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.18 mm or higher, correction collar</p> <p>VI. Plan Apochromat/Semi Apochromat spring loaded 60x dry/air N.A. 0.9 or higher, WD 0.2 mm or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.45 or higher, WD 0.13 mm or higher</p>	<p>Objectives: The following objectives should be quoted:-</p> <p>I. Plan Fluotar/Semi-Apochromat 2X, N.A. 0.07 or higher, WD 8.0 mm or higher</p> <p>II. Plan Fluotar/Semi-Apochromat 4X, N.A. 0.13 or higher, WD 13.0 mm or higher</p> <p>III. Plan Fluotar/Semi Apochromat 10X Phase, N.A. 0.30 or higher, W.D. 10.0 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x N.A. 0.80 or higher, WD 0.4 mm or higher</p> <p>V. Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.17 mm or higher, correction collar</p> <p>VI. Plan Apochromat/Semi Apochromat/Fluotar spring loaded 60x dry/air N.A. 0.70 or higher, WD 2.0 mm or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.40 or higher, WD 0.13 mm or higher</p> <p>Remarks:- Changes required for us to participate in the tender.</p> <p>Objectives: The following objectives should be quoted: -</p> <p>I. Plan Achromat 2/2,5X, N.A.0.06 or higher.</p> <p>II. Plan Achromat 4/5X, N.A.0.12 or higher, Phase</p> <p>III. Plan Semi Apochromat 10X Phase, N.A. 0.30 or higher.</p> <p>IV. Plan Apochromat 20x N.A.0.80 or higher, Phase</p> <p>V. Plan Apochromat 40x N.A.0.75 or higher, Phase</p> <p>VI. Plan Apochromat/Semi Apochromat spring loaded 60/63x dry/air N.A. 0.9 or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.4 or higher, Phase</p>	<p>Amended as</p> <p>Sextuple Nose peice with following objectives</p> <p>I. Plan Fluotar/Achromat/Semi-Apochromat 2X/ 2.5x (N.A. 0.06 or higher, W.D. 5.8 mm or better)</p> <p>II. Plan Fluotar/Semi-Apochromat 4/5X (N.A. 0.12 or higher, W.D. 13.0 mm or better)</p> <p>III. Plan Fluotar/Semi-Apochromat 10x Phase, N.A. 0.30 or higher, W.D. 5 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x (N.A. 0.8 or higher, W.D. 25 mm or better)</p> <p>V. Plan Apochromat spring loaded 40x (N.A. 0.95 or higher, W.D. 0.17 mm or better) correction collar</p> <p>VI. Plan Apochromate 100x Oil (N.A. 1.4 or higher, W.D. 0.13 mm or better) spring loaded</p>
4	Page 34 Para 10	<p>Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with at least 5-position turret. N.A. 1.1 or higher</p>	<p>Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with at least 6-position turret. N.A. 1.1 or higher</p> <p>Remarks:- 6 position turret can be matched by all</p>	<p>Amended as</p> <p>Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with 5 or more -position turret. N.A. 1.1 or higher</p>
5	Page 34 Para 12	<p>Teaching Attachment: For 1+9 persons, binocular heads e provided with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Two colour, intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p>	<p>Teaching Attachment: For 1+9 persons, binocular heads e provided with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p> <p>Remarks:- Two colour LED pointer is not avialable with us</p>	<p>Amended as</p> <p>Teaching Attachment: For 1+9 persons, binocular heads e provided with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p>

6	Page 34 Para 13	High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 4x4 or better. Live frame rate of at least 10 fps at full resolution of 16 MP with up to 50 fps or more with binning/Rol. Should be able to work in Ultra High Definition (UHD) mode with minimum speed of 25 frames per second. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization	<p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 20 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 3 x 3 or better. Live frame rate of at least 7 fps at full resolution of 20 MP with up to 30 fps or more with binning/Rol. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization</p> <p>Remarks:- 20 MP camera is available with all and it provides better image resolution in comparison to 16 MP.</p> <p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16-20 Mega Pixels. With sensor size 1inch or better, Pixel size of 2.5 μx2.5μ or better. Frame rate of 25 FPS at max resolution</p>	<p>Amended as</p> <p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels or more. 12 bit or higher bit depth, binning of 2x2, 3x3 or better. Live frame rate of at least 7 fps at full resolution of 16-20 MP or more with up to 25 fps or more with binning/Rol. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization. With sensor size 1inch or better, Pixel size of 2 μx2μ or better</p>
7	Page 35 Para 19	The quoted system should be onsite upgradable to full motorization, DIC and at least 10 additional heads.	<p>The quoted system should be onsite upgradable to DIC and at least 10 additional heads.</p> <p>Remarks:- Removefull stepwise motoriztion</p>	<p>Amended as</p> <p>The quoted system should be onsite upgradable to DIC and at least 10 additional heads.</p>
8	Page 35 Para 26	System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	<p>Remove</p> <p>Remarks:_ Direct import to LIS not available</p>	<p>Amended as</p> <p>Deleted</p>

Item no 03, Item Name: Pentaheader Research & Teaching Microscope With CameraCOPE WITH CAMERATWARE

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
	para 2	Illumination: The microscope should have an ergonomic stand with high intensity - at least 14 watt LED illumination system with a life of 50,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.	Illumination: The microscope should have an ergonomic stand with high intensity - at least 10-14 watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.	Amended as Illumination: The microscope should have an ergonomic stand with high intensity - at least 10-14 watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.
1	Page 36 Para 3	Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads; full stepwise motorization and DIC (Differential Interference Contrast).	Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads and DIC (Differential Interference Contrast). Remarks:- Remove full stepwise motorization	Amended as Upgradability: The quoted microscope should be onsite upgradable to at least 10 more additional heads and DIC (Differential Interference Contrast).
			Upgradability: The quoted microscope should be onsite upgradable to at least 23 more additional heads; and DIC (Differential Interference Contrast).	
	Para 4	Observation Tube: Widefield Trinocular tube provided with paired widefield eyepieces. Three way light path distribution for simultaneous viewing and imaging of the specimens.	Observation Tube: Widefield Trinocular tube provided with paired widefield eyepieces. Two/Three-way light path distribution for simultaneous viewing and imaging of the specimens	Amended as Observation Tube: Widefield Trinocular tube provided with paired widefield eyepieces. Two/Three-way light path distribution for simultaneous viewing and imaging of the specimens
2	Page 36 Para 5	Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 26 or higher.	Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 25 or higher. Remarks:- 26 mm FOV is not available with us	Amended as Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 23 mm or higher
			Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 23 or higher	
3	Page 36 Para 6	Nosepiece: Septuple (7-positions) revolving nosepiece with a slot for analyzer or DIC slider	Nosepiece: Sextuple (6- positions) revolving CODED/ Intelligent nosepiece with a slot for analyzer or DIC slide	Amended as Nosepiece: Sextuple or more revolving nosepiece with a slot for analyzer or DIC slider
			No changes required	

4	Page 36 Para 7	<p>Objectives: The following objectives should be quoted:-</p> <p>I. Plan Apochromat 2X, N.A. 0.08 or higher, WD 6.0 mm or higher</p> <p>II. Plan Apochromat 4X, N.A. 0.16 or higher, WD 13.0 mm or higher</p> <p>III. Plan Semi Apochromat 10X Phase, N.A. 0.30 or higher, W.D. 10.0 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x N.A. 0.80 or higher, WD 0.6 mm or higher</p> <p>V. Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.18 mm or higher, correction collar</p> <p>VI. Plan Apochromat/Semi Apochromat spring loaded 60x dry/air N.A. 0.9 or higher, WD 0.2 mm or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.45 or higher, WD 0.13 mm or higher</p>	<p>Objectives: The following objectives should be quoted: -</p> <p>I. Plan Achromat 2/2,5X, N.A 0.06 or higher.</p> <p>II. Plan Achromat 4/5X, N.A. 0.12 or higher, Phase</p> <p>III. Plan Semi Apochromat 10x Phase, N.A. 0.30 or higher.</p> <p>IV. Plan Apochromat 20x N.A. 0.80 or higher, Phase</p> <p>V. Plan Apochromat 40x N.A. 0.75 or higher, Phase</p> <p>VI. Plan Apochromat/Semi Apochromat spring loaded 60/63x dry/air N.A. 0.9 or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.4 or higher, Phase</p> <p>Objectives: The following objectives should be quoted:-</p> <p>I. Plan Fluotar/Semi-Apochromat 2X, N.A. 0.07 or higher, WD 8.0 mm or higher</p> <p>II. Plan Fluotar/Semi-Apochromat 4X, N.A. 0.13 or higher, WD 13.0 mm or higher</p> <p>III. Plan Fluotar/Semi Apochromat 10X Phase, N.A. 0.30 or higher, W.D. 10.0 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x N.A. 0.80 or higher, WD 0.4 mm or higher</p> <p>V. Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.17 mm or higher, correction collar</p> <p>VI. Plan Apochromat/Semi Apochromat/Fluotar spring loaded 60x dry/air N.A. 0.70 or higher, WD 2.0 mm or higher, correction collar</p> <p>VII. Plan Apochromat spring loaded 100X oil N.A. 1.40 or higher, WD 0.13 mm or higher</p> <p>Remarks:-</p> <p>Changes required for us to participate in the tender.</p>	<p>Amended as</p> <p>I. Plan Fluotar/Achromat/Semi-Apochromat 2X/ 2.5x (N.A. 0.06 or higher, W.D. 5.8 mm or better)</p> <p>II. Plan Fluotar/Semi-Apochromat 4/5X (N.A. 0.12 or higher, W.D. 13.0 mm or better)</p> <p>III. Plan Fluotar/Semi-Apochromat 10x Phase, N.A. 0.30 or higher, W.D. 5 mm or higher</p> <p>IV. Plan Apochromat spring loaded 20x (N.A. 0.8 or higher, W.D. 0.25 mm or better)</p> <p>V. Plan Apochromat spring loaded 40x (N.A. 0.95 or higher, W.D. 0.17 mm or better) correction collar</p> <p>VI. Plan Apochromate 100x Oil (N.A. 1.4 or higher, W.D. 0.13 mm or better) spring loaded</p>
5	Page 36 Para 10	<p>10. Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with at least 5-position turret. N.A. 1.1 or higher</p>	<p>Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with at least 6-position turret. N.A. 1.1 or higher</p> <p>Remarks:-</p> <p>7 Position turret is not available with us</p>	<p>Amended As</p> <p>Condenser: Universal condenser for Brightfield, phase contrast & darkfield (DF up to 40X) with at least 5 to 6-position turret. N.A. 1.1 or higher</p>
6	Page 36 Para 13	<p>Teaching Attachment: For 1+4 persons, binocular heads with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Two colour, intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p>	<p>Teaching Attachment: For 1+4 persons, binocular heads with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p> <p>Remarks:-</p> <p>Two colour LED pointer is not available with us</p>	<p>Amended as</p> <p>Teaching Attachment: For 1+4 persons, binocular heads with paired widefield eyepieces of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22 or higher. Intensity controllable LED arrow pointer. The control buttons should be convenient and sensitive. Arrow rotational stick, arrow rotational dial and colour selection dials should be provided.</p>

7	Page 36 Para 19	<p>13. High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 4x4 or better. Live frame rate of at least 10 fps at full resolution of 16 MP with up to 50 fps or more with binning/RoI. Should be able to work in Ultra High Definition (UHD) mode with minimum speed of 25 frames per second. USB3.0 PC interface. Compatible C-mount adaptor should be quoted.</p>	<p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16-20 Mega Pixels. With sensor size 1inch or better, Pixel size of 2.5 μx2.5μ or better. Frame rate of 25 FPS at max resolution.</p> <p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 20 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 3 x 3 or better. Live frame rate of at least 7 fps at full resolution of 20 MP with up to 30 fps or more with binning/RoI. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization</p> <p>Remarks:- 20 MP camera is available with all and it provides better image resolution in comparison to 16 MP.</p>	<p>Amended as</p> <p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels or more. 12 bit or higher bit depth, binning of 2x2, 4x4 or better. Live frame rate of at least 7 fps at full resolution of 16 MP or more with up to 25 fps or more with binning/RoI. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization. With sensor size 1inch or better, Pixel size of 2 μx2μ or better</p>
8	Page 36 Para 3	<p>19. The quoted system should be onsite upgradable to full motorization, DIC and at least 10 additional heads.</p>	<p>The quoted system should be onsite upgradable to DIC and at least 10 additional heads.</p> <p>Remarks:- Removefull stepwise motorization</p>	<p>Amended as</p> <p>The quoted system should be onsite upgradable to DIC and at least 10 additional heads.</p>
9	Page 36 Para 26	<p>26. System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system</p>	<p>Remove</p> <p>Remarks:- Direct import to LIS not available</p>	<p>Amended as</p> <p>Deleted</p>

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 04, Item Name:RESEARCH GRADE MICROSCOPE & IMAGE ANALYSIS SOFTWARE

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
	para 2	<p>Illumination: The microscope should have an ergonomic stand with high intensity - at least 14 watt LED illumination system with a life of 50,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.</p>	<p>Illumination: The microscope should have an ergonomic stand with high intensity - at least 10-14 watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.</p>	<p>Amended as Illumination: The microscope should have an ergonomic stand with high intensity - at least 10-14 watt LED illumination system with a life of 35,000 hours or more. The intensity/brightness should be equivalent to a 12 volt 100 watt halogen bulb.</p>
1	Page 37 Para 3	<p>Upgradability: The quoted microscope should be onsite upgradable to fluorescence with at least 6-positions turret, full stepwise motorization and DIC (Differential Interference Contrast).</p>	<p>Upgradability: The quoted microscope should be onsite upgradable to fluorescence with at least 6-positions turret and DIC (Differential Interference Contrast). Remarks:- Remove full stepwise motorization</p>	<p>Amended as Upgradability: The quoted microscope should be onsite upgradable to fluorescence with at least 6-positions turret and DIC (Differential Interference Contrast).</p>
2	Page 37 Para 5	<p>Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 24 or higher.</p>	<p>Please change this point to: 'Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22-24 or higher' Reason: Olympus microscopes have a F.N. of 22 as standard. We do not have F.N. 24 Please change this point to: 'Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22-24 or higher' Reason: Olympus microscopes have a F.N. of 22 as standard. We do not have F.N. 24</p>	<p>Amended as Eyepieces: Should be of at least 10X magnification, with diopter adjustment facility in both eyepieces with F.N. 22-24 or higher'</p>
	Para 6	<p>Nosepiece: Septuple (7-positions) revolving nosepiece with a slot for analyzer or DIC slider</p>	<p>Nosepiece: Sextuple (6- positions) revolving CODED/ Intelligent nosepiece with a slot for analyser or DIC slider</p>	<p>Amended as Nosepiece: Sextuple (6- positions) revolving nosepiece with a slot for analyser or DIC slider</p>
3	Page 37 Para 7	<p>Objectives: The following Plan Apochromat objectives should be quoted:-</p>	<p>Objectives: The following Plan Apochromat/Semi apochromat/Fluotar objectives should be quoted:- Remarks:_ Changes required for us to participate in the tender.</p>	<p>Amended as</p>

4	Page 37	I. Plan Apochromat 2X, N.A. 0.08 or higher, WD 6.0 mm or higher	I. Plan Fluotar/Semi-Apochromat 2X, N.A. 0.07 or higher, WD 8.0 mm or higher Remarks:- Changes required for us to participate in the tender.	I. Plan Fluotar/Achromat/Semi-Apochromat 2X/ 2.5x (N.A. 0.06 or higher, W.D. 5.8 mm or better) II. Plan Fluotar/Semi-Apochromat 4/5X (N.A. 0.12 or higher, W.D. 13.0 mm or better) III. Plan Fluotar/Semi-Apochromat 10x Phase, N.A. 0.30 or higher, W.D. 5 mm or higher IV. Plan Apochromat spring loaded 20x (N.A. 0.75 or higher, W.D. 0.25 mm or better) V. Plan Apochromat spring loaded 40x (N.A. 0.95 or higher, W.D. 0.17 mm or better) correction collar VI. Plan Apochromate 100x Oil (N.A. 1.4 or higher, W.D. 0.13 mm or better) spring loaded
5	Page 37	II. Plan Apochromat 4X, N.A. 0.16 or higher, WD 13.0 mm or higher	Plan Fluotar/Semi-Apochromat 4X, N.A. 0.13 or higher, WD 13.0 mm or higher Remarks:- Changes required for us to participate in the tender.	
6	Page 37	III. Plan Apochromat 10X Phase, N.A. 0.4 or higher, WD 3.0 mm or higher	Plan Apochromat 10X Phase, N.A. 0.4 or higher, WD 2.8 mm or higher Remarks:- Changes required for us to participate in the tender.	
7	Page 37	IV. Plan Apochromat spring loaded 20x N.A. 0.80 or higher, WD 0.6 mm or higher	Plan Apochromat spring loaded 20x N.A. 0.75 or higher, WD 0.6 mm or higher Remarks:- Changes required for us to participate in the tender.	
8	Page 37	V. Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.18 mm or higher, correction collar	Plan Apochromat spring loaded 40x N.A. 0.95 or higher, WD 0.17 mm or higher, correction collar	
9	Page 37	VI. Plan Apochromat/Semi Apochromat spring loaded 60x dry/air N.A. 0.9 or higher, WD 0.2 mm or higher, correction collar	Plan Apochromat/Semi Apochromat/Fluotar spring loaded 60x dry/air N.A. 0.70 or higher, WD 2.0 mm or higher, correction collar Remarks:- Changes required for us to participate in the tender.	
10	Page 37	VII. Plan Apochromat spring loaded 100X oil N.A. 1.45 or higher, WD 0.13 mm or higher	Plan Apochromat spring loaded 100X oil N.A. 1.40 or higher, WD 0.13 mm or higher Remarks:- Changes required for us to participate in the tender.	
	Page 37		Objectives: The following objectives should be quoted: - I. Plan Achromat 2/2,5X, N.A. 0.06 or higher. II. Plan Achromat 4/5X, N.A. 0.12 or higher, Phase III. Plan Semi Apochromat 10X Phase, N.A. 0.30 or higher. IV. Plan Apochromat 20x N.A. 0.80 or higher, Phase V. Plan Apochromat 40x N.A. 0.75 or higher, Phase VI. Plan Apochromat/SemiApochromat spring loaded 60/63x dry/air N.A. 0.9 or higher, correction collar	

11	Page 37 Para 12	<p>12. High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 4x4 or better. Live frame rate of at least 10 fps at full resolution of 16 MP with up to 50 fps or more with binning/RoI. Should be able to work in Ultra High Definition (UHD) mode with minimum speed of 25 frames per second. USB3.0 PC interface. Compatible C-mount adaptor should be quoted.</p>	<p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 20 Mega Pixels. 12 bit or higher bit depth, binning of 2x2, 3 x 3 or better. Live frame rate of at least 7 fps at full resolution of 20 MP with up to 30 fps or more with binning/RoI. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization Remarks:- 20 MP camera is available with all and it provides better image resolution in comparison to 16 MP.</p> <p>High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16-20 Mega Pixels. With sensor size 1inch or better, Pixel size of 2.5 µx2.5µ or better</p>	<p>Amended as High Resolution Camera: High resolution scientific grade color camera with true resolution of at least 16 Mega Pixels or more. 12 bit or higher bit depth, binning of 2x2, 4x4 or better. Live frame rate of at least 7 fps at full resolution of 16 MP or more with up to 25 fps or more with binning/RoI. USB3.0 PC interface. Compatible C-mount adaptor should be quoted. Software for visualization. With sensor size 1inch or better, Pixel size of 2 µx2µ or better</p>
12	Page 37 Para 12	<p>18. The quoted system should be onsite upgradable to fluorescence with at least 6 positions turret, full stepwise motorization and DIC (Differential Interference Contrast).</p>	<p>The quoted system should be onsite upgradable to DIC and at least 10 additional heads. Remarks:_ Removefull stepwise motorization</p>	<p>Amended as The quoted system should be onsite upgradable to DIC and at least 10 additional heads.</p>
12	Page 37 Para 25	<p>25. System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system</p>	<p>Remove Remarks:- Direct import to LIS not available</p>	<p>Amended as Deleted</p>

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 05, Item Name:Inverted Microscope

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1		Please note that the specs for 'Inverted Microscope' on Page no. 40 start from point no. 1 (Inverted Frame) and end on point no. 17 (LIS System). Immediately after this there is again point no. 1 on the same page	You are requested to completely delete these points as they are not related to 'Inverted Microscope' You are requested to completely delete these points as they are not related to 'Inverted Microscope'	Amended as Deleted Acceptable Removed
2	Page 40 para 1	Inverted Frame :Dual Deck or two tier frame with high static rigidity, water proof construction to help block penetration of water inside the frame. Frontal Controls for Light path selector 0:100/50:50/100:0, Transmitted light Intensity control and light ON/OFF switch. It should have the provision to accommodate both a fluorescence turret and right side port together.	Inverted Frame with high static rigidity, water proof construction to help block penetration of water inside the frame. Frontal Controls for Light path selector 0:100/50:50/100:0, Transmitted light Intensity control and light ON/OFF switch. It should have the provision to accommodate both a fluorescence turret and right side port together. Remarks:_ Dual Deck or two tier frame is available only from Olympus and Nikon. Changes required to enable our participation.	Amended as Inverted Frame with high static rigidity, water proof construction to help block penetration of water inside the frame. Frontal Controls for Light path selector 0:100/100:0, Transmitted light Intensity control and light ON/OFF switch. It should have the provision to accommodate both a fluorescence turret and right side port together
		Nosepiece: Sextuple (6-position) or better revolving DIC nosepiece	Nosepiece: Sextuple CODED (6-position) or better revolving nosepiece	Amended as Sextuple (6-position) or better revolving nosepiece
		Observation Tube: Binocular observation tube having diopter adjustment function. Provided with paired wide field eyepieces. F.N. 22	Observation Tube: Binocular observation tube having diopter adjustment function. Provided with paired wide field eyepieces. F.N. 22 or better	Amended as Observation Tube: Binocular observation tube having diopter adjustment function. Provided with paired wide field eyepieces. F.N. 22 or better

3	Page 40 para 6	6. Condenser :Long working distance universal condenser N.A. 0.55 or higher W.D. 27 mm or higher, with at least 5 positions for BF, PH & DIC. Built in iris. Should be upgradable to motorized universal condenser with NA of 0.55 or higher with motorized polariser IN/OUT facility	Condenser :Motorized long working distance universal condenser N.A. 0.55 or higher W.D. 27 mm or higher, with at least 5 positions for BF, PH & DIC. Built in iris. Should be upgradable to motorized polariser IN/OUT facility Remarks:_ Removed motorized condenser from future upgradation and included in main specs.	Amended as Condenser : Univiversal Long working distance manual / motorized condenser N.A. 0.55 or higher W.D. 22 mm or higher, with at least 5 positions for BF, PH & DIC. Built in iris. Should be upgradable to motorized polariser IN/OUT facility
4	Page 40 para 7	7. Objectives The following objectives should be quoted:		
5	Page 40	I. Plan Achromat 4X, N.A. 0.10 or higher, W.D. 18.5 mm or higher	I. Plan Achromat 4X, N.A. 0.10 or higher, W.D. 18.0 mm or higher Remarks:_ Changes required for us to participate in the tender.	Amended as Plan Achromat 4X, N.A. 0.10 or higher, W.D. 18.0 mm or higher
6	Page 40	II. Plan Achromat 10X Phase, N.A. 0.25 or higher, W.D. 10.6 mm or higher	No changes required	
7	Page 40	III. Long working distance Achromat 20X Phase, N.A. 0.40 or higher, W.D. 3.2 mm or higher	Long working distance Achromat 20X Phase, N.A. 0.35 or higher, W.D. 6.9 mm or higher Remarks:_ Longer WD objective available with everyone	Amended as Long working distance Achromat 20X Phase, N.A. 0.35 or higher, W.D. 3.2 mm or better
8	Page 40 para 17	17. System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	Remove Remarks:_Direct import to LIS not available	Amended as Deleted
9	Page 40 para 6	6. Price of all consumables including buffers, reagents, amplification kits, FISH probes, DISH Her2 assay, and reagents necessary for working or servicing/cleaning of machine antibodies, any consumable machine parts should be quoted.	Remove Remarks:_ No FISH asked for microscope	Amended as Deleted
10	Page 40 para 7	7. EBER ISH probe and secondary detection kit for 100 cases and All consumables for except IHC used in this machine for 500 cases, 5L poly L lysine, 10 BOX positive charge slide must be supplied without additional cost	Remove Remarks:_ No FISH asked for microscope	Amended as Deleted
11	Page 40 para 8	8. The following information should be provided for each consumable item separately	Remove	Amended as Deleted

12	Page 40	a) Pack size	Remove	Ammended as Deleted
13	Page 40	b) Number of tests per pack size	Remove	Amended as Deleted
14	Page 40	c) Unit price of pack	Remove	Amended as Deleted
15	Page 40 para 17	17. System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	Remove Remarks:_ Direct import to LIS not available	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

item no 6, Semi Automated IHC Stainer

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	1	The system must be walk away Automated Slide Staining System to process slides for Immuno histochemistry(IHC) & In Situ Hybridization (ISH). Thesystem should be FDA approved to run FDA approved PD-L1 (22C3) &PD-L1(28-8)assay and Hercept	Please reframe this point as: “The system must be walk away Automated Slide Staining System to process slides for Immuno histochemistry(IHC) & In Situ Hybridization (ISH). Thesystem should be FDA approved to run FDA approved PD-L1 (22C3) &PD-L1(28-8)assay and Hercept Please delete FDA approved PD-L1 (22C3) &PD L1(28-8)assay and Hercept profile	Amended as “The system must be walk away Automated Slide Staining System to process slides for Immuno histochemistry(IHC) ±In Situ Hybridization (ISH). The antigen retrieval sysstem may be integated or as separate module
2	11	Reagent dispense volume 150 microliter of Primary anti body must be required to cover the whole slide, irrespective of the size and number of the tissue sections on the slide	Please reframe this point as: Reagent dispense volume 150-300 microliter of Primary antibody must be required to cover the whole slide, irrespective of the size and number of the tissue sections on the slide	Amended as Reagent dispense volume 100-300 microliter of Primary antibody must be required to cover the tissue area / whole slide
3	19	EBER ISH probe and secondary detection kit for 100 cases and All consumables for except IHC used in this machine for 500 cases, 5L poly L lysine, 10 BOX positive charge Slide	Please reframe this point as: “EBER ISH probe and secondary detection kit for 100 cases and All consumables for except IHC used in this machine for 500 cases, 5L poly L lysine, 10 BOX positive charge Slide must be supplied without additional cost” consumables Please delete the highlighted point	Amended as EBER ISH probe and secondary detection kit for 200 cases and All consumables for exceptprimary antibody used in this machine for IHC 1000 cases, 5L poly L lysine, 20 BOX positive charge Slide must be supplied without additional cost” consumables Please delete the highlighted point Along with this also 3 probes used for consumable dispensing , 3 slide holding tray without additional cost

4	25	Price of all consumables including buffers, reagents, amplification kits, FISH probes, DISH Her2 assay, and reagents necessary for working or servicing/cleaning of machine antibodies ,any consumable machine parts should be quoted.	“Price of all consumables including buffers, reagents, amplification kits, FISH probes, DISH Her2 assay, and reagents necessary for working or servicing/cleaning of machine antibodies ,any consumable machine parts should be quoted”	Amended as Price of all consumables including buffers, reagents, amplification kits, andreagents necessary for working or servicing/cleaning of machine antibodies ,any consumable machine parts should be quoted
5	36	The vendor must quote for PD-L1 (22C3) &PD-L1(28-8)assay and Hercept kit and the price to be fixed for 10 years. It must be quoted as a part of recurrent consumable	Please delete this point	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 08, Item Name: Cyto-centrifuge and accessories

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1		NA	System should have function of cell block preparation. As the cell block preparation protocol has been asked in tender hence the system capability is required for the same	Not considered

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 09, Item Name:Fully Automated Vertical-enclosed Tissue processor

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1		Fully Automated Vertical-enclosed Tissue processor	Medite Does not manufacture “Vertical Enclosed Tissue processor” hence request to consider “Table TOP Vacuum Tissue processor” also for better participation. Few of customers using our Table Top Vacuum Tissue processor Includes many of the biggest and largest private Hospitals Like Medanta Medicity, Sir Ganga Ram Hospital, Max Group of Hospitals and Rajiv Gandhi cancer Hospital etc.	Amended as Fully Automated Vertical / Table TOP -enclosed Tissue processor with Manual/ automated filling of reagent
2	Page 47 Para 4	The minimum capacity of reagent containers should be at least 4-5 liters.	The minimum capacity of reagent containers should be at least 3.5-5 liters.	Amended as The minimum capacity of reagent containers should be at least 2-5 liters
3	Page 47 Para 11	The machine should preferably have at least 2 user mixing modes.and before reagent change.	Please reframe this point as: “The machine should have the provision to mix two reagents if required” need to remove Remarks:- mixing of regeants not required for processing	Amended as Deleted
4	Page 47 Para 13	13.Equipment should have inbuilt reagent pre-heating, continuous agitation/ stirrer, and vacuum facilities for better penetration of reagents and optimum tissueprocessing.	Equipment should have inbuilt reagent pre-heating in retort/chamber, continuous agitation/ stirrer, and vacuum facilities for better penetration of reagents and optimum tissueprocessing.	Amended as Equipment should have inbuilt reagent pre-heating in retort/chamber, continuous agitation/ stirrer, and vacuum facilities for better penetration of reagents and optimum tissue processing.

5	Page 47 Para 14	14.The machine should be safe to operators equipped with a down-drift fume exhaustion system and activated carbon filters.	The machine should be safe to operators equipped with a fume exhaustion system and activated carbon filters.	Amended as The machine should be safe to operators equipped with a fume exhaustion system and/or activated carbon filters.
6	Page 47 Para 19	19.Preferably Inbuilt battery backup for at least 20 minutes should be available for immediate specimen safety and protection.	Preferably Inbuilt battery backup or external UPS for at least 20 minutes should be available for immediate specimen safety and protection.	Amended as Preferably Inbuilt battery backup or external UPS for at least 30 minutes should be available for immediate specimen safety and protection.
7	Page 47 Para 25	25.Suitable CVT must be included	need to remove Remarks:_ supplying UPS as per point no. 21 so no CVT require	Amended as Deleted
8	Page 47 Para 26	26.The machine should be LIS integrable.	need to remove Remarks:-external LIS system need to integrate with barcode and camera	Amended as External LIS system need to integrate with barcode and camera

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 10, Item Name:AUTOMATED SLIDE-STAINER FOR PAPANICOLOAU (PAP) and H&E STAINING

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 48 Para 1	High throughput system with two tier operations in order to occupy lesser laboratory space.	High throughput system with one tier operations. Remarks: Two Tier system involves accidental spill of chemicals during handling High throughput system to occupy lesser laboratory space. Remarks:- entire reagents in one plane/ two tier is better for visibility space.	Amended as High throughput system with linear/ two tier operations
2	Page 48 Para 3	Should be capable to load at least 10-11 slide racks with capacity to hold 20 slide/rack for simultaneous staining.	Should be capable to load at least 10-11 slide racks with capacity to hold 30 slide/rack for simultaneous staining. Remarks:- 30 Slide/ rack increases productivity and throughput.	Amended as Should be capable to load at least 10-11 slide racks with capacity to hold 20 slide/rack or more for simultaneous staining.
3	Page 48 Para 5	The system should be capable to run 50 protocols with 50 steps each.	The system should be capable to run 20 protocols with 40 steps each. Remarks:- Changes requested for larger participation The system should be capable to run 15 protocols with 25 steps each.	Amended as The system should be capable to run 15 or more protocols with 25 steps or more for each.
4	Page 48 Para 6	Easy to navigate touch screen should be available to allow at-a-glance visual check on progress	Easy to navigate color Touch pad screen should be available to allow at-a-glance visual check on Progress Remarks:- Changes requested for larger participation Easy to navigate touch screen/button should be available to allow at-a-glance visual check on progress	Amended as Easy to navigate touch screen/button should be available to allow visual check on progress
5	Page 48 Para 9	Should have USB connectivity for rapid access to data and protocols	Should have connectivity for rapid access to data and protocols Remarks:- Changes requested for larger participation need to remove	Amended as Deleted

6	Page 48 Para 11	Should have separate water stations, reagent stations, and different doors for loading and unloading	Should have separate water stations, reagent stations, and separate stations for loading and unloading Remarks:- Changes requested for larger participation	Amended as Should have separate water stations, reagent stations, and different doors / stations for loading and unloading
7	Page 48 Para 12	Battery back-up provides 40-50 minutes of power should be preferably available	Battery back-up of 20 minutes of power should be preferably available.	Amended as Battery back-up/UPS provides 40-50 minutes of power should be preferably available
			Battery back-up/UPS provides 40-50 minutes of power should be preferably available	
8	Page 48 Para 13	Should have efficient software scheduling for each run, allocation of reagents, optimization of the reagent plan and calculation of the most efficient route for each protocol with a single command	The following points requested to be removed- Should have efficient software scheduling for each run, allocation of reagents, optimization of the reagent plan and calculation of the most efficient route for each protocol with a single command Remarks:- Changes requested for larger participation	Amended as Deleted
			need to remove Remarks:- this specifications belongs to tissue processor	
9	Page 48 Para 14	High clarity touch screen displays the progress of each basket should be available	High clarity screen displays the progress of each basket should be available Remarks:- Changes requested for larger participation	Amended as Deleted
			need to remove Remarks:- it is visible from transparent cover	
10	Page 48 Para 17	17. Suitable CVT must be included NABL recommendations.	need to remove Remarks:- providing UPS	Amended as Suitable ups with 40-50 min backup must be
	Page 48 Para 24		Please remove this point. Remarks:- Changes requested for larger participation	Amended as Deleted

11		System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	<p style="text-align: center;">need to remove Remarks: _ external LIS system need to integrate with barcode and camera</p>	<p style="text-align: center;">Ammended As Deleted</p>
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Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 11, Item Name:AUTOMATED SLIDE MOUNTING SYSTEM FOR HISTOPATHOLOGY and cytopathology

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1		AUTOMATED SLIDE MOUNTING SYSTEM FOR HISTOPATHOLOGY and cytopathology	Meditate recommends Automated Slide Mounting system with mounting medium as Tape (Film) in place of Glass as it goes better with Digital slide scanning systems hence request to consider Tape Coverslipper also for better participation. Few of customers using our Automated Tape Coverslipper are Rajiv Gandhi cancer Hospital and Apollo Hospital etc.	Amended as Mounting should be by Glass coverslip
2			If it complies, you may use below specs: 1. Film Coverslipping Machine should offers high performance and reliable cover slipping with superior optical quality results 2. Should not take more than 5 seconds for each coverslip to be fixed on Glass slide 3. Each slide is automatically retrieved from the basket, carefully and thoroughly processed, and put in the unloading basket. 4. Slide basket for 30 slides. 5. It should automatically detect when a loading basket is empty, or an unloading basket is full with processed slides 6. Provision to adjust length of Film tape from 45 to 60 mm to be used depending on section size. 7. A bright color touch display on the top center of the device should be easy to access and use at any time. The display is protected by touch-sensitive and xylene-resistant glass. 8. Required amount of Xylene should be easy to regulate. 9. Waste bottle to collect excess of Xylene 10. Should come with 5 rolls of 24mm wide Coverslip tape of 70 meters each 11. Possibility to connect with lab external ventilation system 12. Power supply 220-240 volts.	Not considered

3	Page 49 Para 4	It should have the storage capacity of about 200-350 pcs. of slides	Please reframe this point as: "It should have the storage capacity of about 200-350 pcs. of Coverslips" It should have the storage capacity of about 30-60 pcs. of slides.	Amended as It should have the storage capacity of about 200-350 pcs. of Coverslips and 30-60 pcs. of slides.
4	Page 49 Para 23	System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	need to remove Remarks: _ external LIS system need to integrate with barcode and camera	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 12, Item Name:SEMI-AUTOMATED ROTARY MICROTOME FOR HISTOPATHOLOGY

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 50 para 5	Trimming range: 1 to 600 micrometres,with step trim function	Please reframe this point as: "Trimming range: 5 to 500 micrometres, with step trim function"	Amended As Trimming range: 5 to 500 micrometres, with step trim function
2	Page 50 para 6	Programmable retraction of 5 µm to 100 µm in 5 µm	Please reframe this point as: "Programmable retraction of 5 µm to 100 µm in 5 µm or 40um fixed which van be turned off"	Ammdened as retraction should be in between of 5 µm to 100 µm
3	Page 50 Para 11	Precise specimen orientation with zero-point indication, with an orientable upto 8° X-Y axis to help in making perfect orientation at 2,4,6,8 degree of the sample for sectioning	Precise specimen orientation with zero-point indication, with an orientable upto 8° X-Y axis to help in making perfect orientation Remarks:- FOR BETTER PARTICIPATION	Amended as Precise specimen orientation with zero-point indication, with an orientable upto 8° X-Y axis to help in making perfect orientation
			Please reframe this point as: "Precise specimen orientation universal 8°, can be rotated 360°"	Amended as Precise specimen orientation universal 8°, can be rotated 360°"
4	Page 50 Para 18	Two independent hand wheel locking systems.	Request to remove Remarks:- FOR BETTER PARTICIPATION	Amended as independent hand wheel locking systems should be available
			Please reframe this point as: "should have independent hand wheel locking systems"	Amended as independent hand wheel locking systems should be available
	Page 50 Para 29		Request to remove Remarks:- FOR BETTER PARTICIPATION	Amende Deleted

5		System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	need to remove Remarks:_ external LIS system need to integrate with barcode and camera	Amended Deleted
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Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 13, Item Name:Automated Archivel system for Perafin blocks and slides

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 52 Para 5	Slide storage trays must hold slide securely in well sorted manner with maximum separation between the two slides to make them more visible to the operator and to avoid damage and cross-contamination. The trays should be supplied by the vendor. The capacity of tray: min 200 slides / tray	Please reframe this point as: "Slide storage trays must hold slide securely in shingled manner making two slides visible to the operator and to avoid damage and cross-contamination. The trays should be supplied by the vendor. The capacity of tray: min 240 slides / tray"	Amended as Slide storage trays must hold slide securely in shingled manner making two slides visible to the operator and to avoid damage and cross-contamination. The trays should be supplied by the vendor. The capacity of tray: min 200 slides or more / tray"
2	Page 52 Para 10	The automated block archival system should be supplied with the following essential accessories: - - High-performance laser block printer (2 Nos.) - High-performance Slide Printer (2 Nos.) - Dedicated composite block and Slide tray scanner (2 Nos) - PDA device (2 Nos each for block and Slides) - Tray Label printer (2 nos) -Scanner dedicated PC with required software (2 Nos)	Please Clarify the quantity of dedicated composite block and Slide tray scanner required -only one scanner dedicated PC with required software is sufficient with each system hence reduce the quantity of PC.	Amended as High-performance laser block printer (2 Nos each.) - High-performance Slide Printer (2 Nos. each) - Dedicated composite block and Slide tray scanner (1 block scanner and one slide scanner) - PDA device (2 Nos each for block and Slides) - Tray Label printer (2 nos) -Scanner dedicated PC with required software (2 Nos each)

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 14, Item Name:Gross photography System

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 54 para 2	Camera resolution: up to 16Megapixel	Please reframe this point as: "Camera resolution:CMOS 1/3" 2MP sRGB color camera"	Amended as "Camera resolution:CMOS 1/3" 2MP or better sRGB color camera"
2	NA	NA	Additional specifications:- - 400mm x 300mm pick-op area - Automatic / manual focus, brightness control & white balance - Wolf Vision VZ-8 visualizer - Progressive Scan lens with 12x zoom - 1024*768 pixel resolution - Continuous autofocus - Live image: 20 frames/second - Software for specimen marking (section plane, pointing, etc.)	Amended as Automatic / manual focus, brightness control & white balance - Software for specimen marking

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 15, Item Name:LASER CASSETTE PRINTER FOR HISTOPATHOLOGY

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 55 Para 3	The cassettes should have permanent HIGH-RESOLUTION (600x600 dpi or better), indelible marking technology, with option of printing linear and two-dimensional barcodes.	The cassettes should have permanent HIGH-RESOLUTION (2500 dpi) indelible marking technology, with option of printing linear and two dimensional barcodes. Justification:- High Resolution of 600 x 600 dpi is not clear	Not considered
2	Page 55 Para 4	A compatible PC with large screen must be provided with each system. Keyless keyboard and mouse should be supplied (2 each)	A compatible PC with large screen must be provided with each system. Wireless keyboard and mouse should be supplied (2 each) Justification:- Looks Spelling mistake “Keyless” to be replaced with “Wireless” Please reduce the quantity of the PC, Keyboard and mouse as only one set is required with each equipment	Amended as A compatible PC with large screen must be provided with each system. Wireless keyboard and mouse should be supplied
3	Page 55 Para 5	The Minimum Print resolution must be 2500 DPI and can generate required readable barcodes in various formats.	This point is contradicting with point number 3 hence please delete this point.	Amended as Removed
4	Page 55 Para 7	Must have data acquisition by bar code reader and data interface via USB.	Please reframe this point: “Must have data acquisition by bar code reader and data interface via USB from dedicated workstation”	Amended as Must have data acquisition by bar code reader and data interface via USB/ others from dedicated workstation
5	Page 55 Para 8	Cassette marking area should be capable to accommodate up to100 alphanumeric characters in addition to Bar code/s.	Cassette marking area should be capable to accommodate up to 50 alphanumeric characters in addition to Bar code/s. Justification:- Cassette printing area is too small for readable 100 Alphanumeric characters along with barcode	Amended as Cassette marking area should be capable to accommodate up to 50 or more alphanumeric characters in addition to Bar code/s
6	Page 55 Para 9	Instrument must have inbuilt air filtration system to neutralize fumes generated during LASER printing.	Please delete this point	Amended as Deleted
7	Page 55 Para 11	Instrument should not draw more than 125 watts of power	Please delete this point	Amended as Deleted

8	Page 55 Para 15	5000 blocks of three different colour shuld be provided without additional cost	this point is contradicting with point number 12 hence specify the number of cassettes required.	Amended as 5000 cassetes of 3 different colour must be provided without additional cost. Point number 12 deleted
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Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 17, Item Name:TISSUE EMBEDDING MACHINE FOR HISTOPATHOLOGY

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 58 Para 3	3. Manual and foot pedal controls for adjusting flow rate of paraffin mustbe available.	Manual or foot pedal controls for adjusting flow rate of paraffin mustbe available.	No change considered
2	Page 58 Para 8	Heating unit should have the temperature adjustable between 45 0Cto 750Cwith an incremental temperature of 10Cforparaffin reservoir, cassette bath, & forceps receptacle	Heating unit should have the temperature adjustable between 45 0Cto 700Cwith an incremental temperature of 10Cforparaffin reservoir, cassette bath, & forceps receptacle. Remarks:- 70 degree TEMPERATURE is enough for melting histology wax (60-62 degree)	Amended as Heating unit should have the temperature adjustable between 45 °C to 70 °C with an incremental temperature of 1°C for paraffin reservoir, cassette bath, & forceps receptacle.
			Please reframe this point as: “Heating unit should have the temperature adjustable between 50°C to 70°C or more with an incremental temperature of 1°C for paraffin reservoir, cassette bath, & forceps receptacle”	
			Heating unit should have the temperature adjustable between 50 0Cto 750Cwith an incremental temperature of 10Cforparaffin reservoir, cassette bath, & forceps receptacle.	
3	Page 58 Para 9	Should have a mould warmer with temperature adjustable between 35 and 750 C	Please reframe this point as “Should have a mould warmer with temperature adjustable between 50 to 70 C”	Amended as Should have a mould warmer with temperature adjustable between 50 °Cto 70 °C
			Should have a mould warmer with temperature adjustable between 50 and 75oC.	
4	Page 58 Para 11	The cooling module (cryoconsole) should be ceramic coated; should be temperature adjustable between room temperature and -6°Celsius or lower.	The cooling module (cryoconsole) should be ceramic coated / SS; should be temperature adjustable between room temperature and -10 ⁰ Celsius or lower. Remarks:- Change this for better participation and cooling plate is an open system atleast -10 DegC is required to cool the block efficiently.	Amended as The cooling module (cryoconsole) should be ceramic/ss coated; should be temperature Celsius or -3°C to -12°C better
			Please reframe this point as: “The cooling module (cryoconsole) should be ceramic coated; should be temperature adjustable from -3 to -12°C or better	
			The cooling module (cryoconsole) should be coated/sealed; should be temperature adjustable/fixed on room temperature or - 6°Celsius	

5	Page 58 Para 12	Good illumination by fibre optic LED lighting (1 light) and large field Magnifying glass.	Good illumination by adjustable LED lighting (1 light) and large field Magnifying glass. Remarks:- Change this for better participation	Amended as Good illumination by adjustable LED lighting (1 light) and large field Magnifying glass.
			Good illumination by LED lighting (1 light) and large field Magnifying glass.	
6	Page 58 Para 13	Inbuilt USB, LAN connectivity MUST be available. Wi-Fi connectivity is desirable.	Request to remove Remarks:- YOU MAY REMOVE THIS FOR BETTER PARTICIPATION	Amended as Deleted
			This point is irrelevant for embedding station hence delete it.	Amended as Deleted
			need to remove	Amended as Deleted
7	Page 58 Para 24	System should have open interface or compatibility for LIS system. Ability to import/export sample/patient data from/to hospital LIS system	Request to remove Remarks:- YOU MAY REMOVE THIS FOR BETTER PARTICIPATION	Amended as Deleted
			need to remove Remarks:- external LIS system need to integrate with barcode and camera	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)**NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23****Item no 18, Item Name:SLIDE WARMER (Hot plate)**

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 59 para 2	2. Manufactured to operate over a fixed temperature range of 40 to 80°C	Manufactured to operate over a fixed temperature range of 40 to 75°C	Amended as Manufactured to operate over a fixed temperature range of 40 to 75°C
2	Page 59 para 3	3. Two LED digital displays and two touch pad buttons on temperature controller	displays and touch pad buttons on temperature controller	Amended as Displays and touch pad buttons on temperature controller

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 19, Item Name:TISSUE FLOTATION BATH FOR HISTOPATHOLOGY SERVICES

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 59 para 2	2. Circular water bath with exact temperature regulation.	Circular/square water bath with exact temperature regulation.	Amended as Circular/square water bath with exact temperature regulation.
2	Page 60 para 5	5. Temp range should be from 30 deg C to 90 deg C.	Temp range should be from 30 deg C to 60 deg C.	Amended as Temp range should be from 30 deg C to 60 deg C
3	Page 60 para 6	6. Two LED digital displays and two touch pad buttons on temperature controller	displays and touch pad buttons on temperature controller	Amended as displays and touch pad buttons on temperature controller
4	Page 60 para 8	8. Size should not be more than 31 cm diameter and 10 cm height	Size should be approx 28- 31 cm diameter/length and 10-11 cm height	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 20, Item Name:AUTOMATED SLIDE LABELER

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 60 Para 1	The small slide printer should have print on-demand slide printing directly to the microtome.	The small slide printer should have print/labels on-demand directly to the microtome Remarks:- For better participation	Changes not considered
2	Page 60 Para 2	Easy to use with integrated color touch screen and simplified software	Easy to use with integrated/separate colour touch screen and simplified software Remarks:- For better participation	Amended As Easy to use with integrated/separate colour touch screen and simplified software
3	Page 60 Para 3	Capable to print directly onto the slide, eliminating the need for hand writing or labels.	Capable to print/labels directly onto the slide, eliminating the need for hand writing Remarks:- For better participation	Changes not considered
4	Page 61 Para 7	Slide Capacity: 150-160 pieces (input stack) 10 pieces (output tray)	Slide Capacity: 150-160 pieces (input stack) 10 pieces (output tray) Remarks:- For better participation Please reframe this point as: "Slide Capacity: 72 or more pieces (input stack) 10 pieces (output tray) "	Amended as Slide Capacity: 70-100 or more pieces (input stack) 10 pieces (output tray)
5	Page 61 Para 8	8. Media capacity: Thermal Transfer ribbon 25.4mm	Media capacity: Thermal Transfer ribbon/inkjet	Amended as Thermal transfer /inkjet or Laser printer
6	Page 61 Para 10	Should be capable to print 3-6 slides per minute	Please reframe this point as: "Should be capable to print up to 12 slides per minute"	Changes not considered

7	Page 61 Para 12	12. Option of integration to Laboratory information system	need to remove Remarks:- can connect via external barcode and camera	Amended as Deleted
8	Page 61 Para 20	System should have open interface or compatibility for LIS system. Ability to import/export sample/patientdata from/to hospital LIS system	need to remove Remarks:- external LIS system need to integrate with barcode and camera	Amended as Deleted

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 21, Item Name:Laboratory Centrifuge with swingout roter

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 61 para 7	Ten acceleration and deceleration rates.	Please reframe this point as: "Two acceleration and deceleration rates"	Amended as Two acceleration and deceleration rates"
2	Page 61 para 11	One additional roter for 15 ml swing out with adapter for 5ml must be provided without additional cost	Please reframe this point as: "One additional roter/adapter for 15 ml and 5ml must be provided without additional cost"	Amended as One additional roter/adapter for 15 ml and 5ml must be provided without additional cost"

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 25, Item Name:Fully Automated TMA Builder

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 69 Para 12	Max number of cores per TMA block should be 558 (0.6 mm), 286 (1 mm), 135 (1.5 mm), 84 (2 mm)	Please reframe this point as: "Max number of cores per TMA block should be 558 (0.6 mm), 286 (1 mm), 135 (1.5 mm), 84 (2 mm) when the paraffin block size will be 37X24mm"	Amended as Number of cores per TMA block should be 200 or more (0.6 mm), 100 (1 mm), 100 or more (1.5 mm), 50 or more (2 mm)

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 49, Item Name:Decalcifier

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	NA	NA	Also available with Ultrasonic wave based Decalcifying system, If it suites with your requirement, Please refer below specifications. Already in use at AIIMS New Delhi.	Changes Not considered
2	NA	NA	Decalcifying system to decalcify the large and small bones faster. <ul style="list-style-type: none"> • Integrated temperature controller to set the process time from 1 min. to 100 hrs. • Output should be of 200 W ultrasonic power and 200 W refrigerated power. • Bath volume of less than 15 Ltrs. • Holder for 4, 9 and 49 sample container with a container volume from 5 to 800 ml. • Electronically controlled temperature with digital display range from 12 O C to 28 O C • High grade stainless steel powder coated casing with glass top. • Should work on locally available reagents. • One bottle for Decalcifier should be quoted. • 230 Volts 50 Hz 	Chnages Not considered

Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Item no 56, Item Name:Cryostat

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	Page 94 Para 1	Universal open topped insulated body Cryomicrotome with spacious Cryo chamber with independent temperature controls from 0°C to minus 35°C or less.	Please reframe this point as: "Universal open topped insulated body Cryomicrotome with spacious Cryo chamber with independent temperature controls from 0°C to minus 35°C or better"	Amended as Universal open topped insulated body Cryomicrotome with spacious Cryo chamber with independent temperature controls from 0°C to minus 25°C or better
2	Page 94 Para 2	Independent Temperature setting of specimen holder adjustable to minus 50°C or less.	Please Remove it for larger participation. As Medite Medical GmbH does not provide separate specimen cooling in their Model	Changes not considered
			Please reframe this point as: "Independent Temperature setting of specimen holder adjustable to -43 °C ±2 °C at 20 °C ambient or better"	Amended as Independent Temperature setting of specimen holder adjustable to -43 °C ±2 °C at 20 °C ambient or better
3	Page 94 Para 3	Additional independent quick Freezing Stations with peltier cooling technology and adjustable temperature reaching minimum to at least minus 40°C for quick cooling of specimen	Please reframe this point as: "Additional independent quick Freezing Stations with peltier cooling technology and adjustable temperature reaching minimum to at least minus -57 °C ±3 °C at 20 °C ambient for quick cooling of specimen"	Amended as "Independent Temperature setting of specimen holder adjustable to -43 °C ±2 °C at 20 °C ambient or better"
4	Page 94 Para 4	Two quick freezing stations are preferable	Please reframe this point as: "One or more quick freezing stations are preferable"	Amended as One or more quick freezing stations are preferable
5	Page 94 Para 10	Trimming Facility should be ranging from 1-50 um or more with two variable motorized coarse feed speeds	Please reframe this point as: "Trimming Facility should be ranging from 5-500 um or more with continuous motorized coarse feed"	Amended as Trimming Facility should be ranging from 5-50 um or more with continuous motorized coarse feed
6	Page 94 Para 11	11.Unit should be provided with certified disinfection system by UV Illumination against	ok Remarks:- leica cryostat is with UV illumination	Amended as disinfection system by UV Illumination
7	Page 94 Para 12	Unit must have Automatic hot gas defrost cycle programmes, with safe drainage system and filtering system for waste.	Please reframe this point as: "Unit must have Automatic hot gas defrost cycle defrost programmes, with safe drainage system and filtering system for waste"	Amended as Unit must have Automatic defrost cycle defrost programmes, with safe drainage system and filtering system for waste
8	Page 94 Para 14	Machines with hydraulic height adjustment facility will be considered	Please Remove it for larger participation. As Medite Medical GmbH does not provide hydraulic height adjustment in their Model	Amended as deleted
			need to remove	

9	Page 94 Para 18	Electronic hand wheel brake (suitable positioned) should be there, which can be applied any time. Manual cutting wheel should be provided on right side of instrument.	<p>Please Remove Electronic hand wheel for larger participation as Medite Medical GmbH does not provide Electronic hand wheel in their Model. A manual Hand Wheel Brake on top position is provided to lock the wheel.</p> <p>Manual cutting wheel should be provided on right side of instrument.</p> <p>Remarks:- electronic hand wheel brake is spec of automatic cutting wheel while instrument asked is for manual cutting wheel</p>	<p>Amended as</p> <p>Manual cutting wheel should be provided on right side of instrument</p>
10	Page 94 Para 19	Integrated vaccum system for stretching of the tissue sections and suction of cutting debri should be there.	<p>Please Remove it for larger participation.</p> <p>As Medite Medical GmbH does not provide vacuum in their model.</p>	Changes not considered
11	Page 94 Para 20	Big LCD/ LED display for all operations, including trimming thickness, number of sections, accurate display of temperature, counter for rotor, illumination, quick freeze indicator,etc should be there.	Big LCD/ LED display for all operations, including trimming thickness, , accurate display of temperature, illumination, quick freeze indicator,etc should be there.	<p>Amended as</p> <p>Big LCD/ LED display for all operations, including trimming thickness, , accurate display of temperature, illumination, quick freeze indicator,etc should be there.</p>
12	Page 94 Para 21	Accessories: Ten specimens chucks of different sizes, section waste tray (1), brush shelf (1), small brush (2), large brush (2), tool set box (1), disposable blade carrier for high profile blades with clearance angle adjustment (at least 2), spare fluorescent lamps (at least 3), cryostat oil (at least 200 ml), at least 12 bottles of best grade OCT compound, 10 packs of disposable blades for cryostat, cryo cleaning spray (10 bottle) and 02 antiroll plates of desired sizes suitable for the instrument should be given free of cost.	<p>We have no Idea about cryo cleaning spray (10 bottle) this may be a company specific product and thus we request to remove it.</p> <p>Please delete: <u>cryo cleaning spray (10 bottle) as this is the import banned item.</u></p> <p>Accessories: Ten specimens chucks of different sizes, section waste tray (1), brush shelf (1), small brush (2), large brush (2), tool set box (1), , cryostat oil (at least 200 ml), at least 12 bottles of best grade OCT compound, 10 packs of disposable blades for cryostat, and 02 antiroll plates of desired sizes suitable for the instrument should be given free of cost.</p>	<p>Amended as</p> <p>Accessories: Ten specimens chucks of different sizes, section waste tray (1), brush shelf (1), small brush (2), large brush (2), tool set box (1), , cryostat oil (at least 200 ml), at least 12 bottles of best grade OCT compound, 10 packs of disposable blades for cryostat, cleaning sprey (5), and 02 antiroll plates of desired sizes suitable for the instrument should be given free of cost.</p>

13	Page 94 Para 29	Penalty clause would be applied if the vendor fails to deliver the equipment ordered within specified time as appropriately decided by the institute at a rate decided by the purchase committee. Post Instalment the machine should not remain non-functional for more than 48 Hrs, otherwise penalty of 2% of the machine cost would be levied by appropriate authority and the company would be blacklisted for future purchases.	Please Revise or clarify the post instalment penalty clause as 2% penalty per breakdown is too much.	Changes not considered
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Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Commercial Queries

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1	15.11	Section IV: General Conditions of Contract The supplier along with its Manufacturer, Indian Agent and the CAMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the purchaser for 10 years from the date of installation and handing over.	Please amend this as below: "Spares for the equipment shall be available for 10 years or 5 years from the date of discontinuation of supplied equipment (whichever is earlier).	No change considered
2	21.1 C	Payment for Comprehensive Annual Maintenance Contract Charges: The consignee will enter into CAMC with the supplier at the rates as stipulated in the contract. The payment of CAMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the End User on receipt of bank guarantee for an amount equivalent to 2.5% of the cost of the equipment valid till 2 months after expiry of entire CAMC period.	Please consider the bank guarantee for CAMC contract proportional to contract value not the instrument value	No change considered
3	Section VII:	L1 Ranking and Payment (Pg no: 28 of tender document) L1 calculation will be based on the total cost of CAPEX + price of all Annexures + NPV of CAMC from 6th to 10th year	Please exclude annexure 4 & 5 from L1 evaluation criterion as the cost of the items mentioned in these annexures are already been considered for CPT calculation, hence it may repeat the cost which will impact the commercial aspect of the tender.	No change considered
4		Penalty Clause (Pg no: 30 of tender document) The vendor will keep adequate facilities to maintain 100% uptime of the equipments in core pathology. The increase in warranty period will be equivalent to downtime of the machine, however if a single machine is down, warranty of the entire chain of machines for the core pathology sequence (processor, embedding station, microtome and autostainer) will be increased.	Please reduce the uptime from 100% to 95% as per the AIIMS standard procurement manual and GFR.	Amended as The vendor will keep adequate facilities to maintain 95% uptime of the equipments in core pathology. The increase in warranty period will be equivalent to downtime of the machine, however if a single machine is down, warranty of the entire chain of machines for the core pathology sequence (processor, embedding station, microtome and autostainer) will be increased.
5		Section VIII: Qualification Criterion: Minimum Work of Similar Nature: The Manufacturer and/or Bidder should have supplied and installed the tendered quantity of the below mentioned items in last five years from the date of Bid Opening, successfully supplied and executed order(s)** to hospital(s) like any Govt. hospitals/institutes of national importance or at any other reputed hospitals/institutes globally as detailed below.	Requested to add: Automated Slide Mounting System for Histopathology	Amended Automated Slide Mounting System for HistopathologAdded to the list

6		<p>Sr. no 16: Table Top Bone Saw For Histopathology Grossing Sr. no Tissue Floatation bath for Histopathology Services Sr. no 22:Compactor for slide archival Sr. no 23:Compactor for Block archival Sr. no 26: Cold Room 2-8°C Sr. no 29: -20°C Freezer Sr. no 31: Digital pH Meter Sr. no 35: Table top automatic magnetic stirrer Sr. no : 37 Analytical weighing balance Sr. no : Smart Interacting Teaching system with microphone and camera Sr. no : 49 Decalcifier Sr. no 53 : Autoclave with RO system for inlet water</p>	<p>Please exclude these items from MAF requirement</p>	<p>Acceptable MAF not required for these equipments Sr. no 16: Table Top Bone Saw For Histopathology Grossing Sr. no Tissue Floatation bath for Histopathology Services Sr. no 22:Compactor for slide archival Sr. no 23:Compactor for Block archival Sr. no 26: Cold Room 2-8°C Sr. no 29: -20°C Freezer Sr. no 31: Digital pH Meter Sr. no 35: Table top automatic magnetic stirrer Sr. no : 37 Analytical weighing balance Sr. no : Smart Interacting Teaching system with microphone and camera Sr. no : 49 Decalcifier Sr. no 53 : Autoclave with RO system for inlet water</p>
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Response To Pre-Bid Queries (Pre-Bid date: 10.04.2023)

NIB Ref: HITES/PCD/NCI-AIIMS/54/22-23

Annexure-2-Core Pathology test Menu:

Sr. No.	Tender Specification Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	Reply to Pre-bid Queries
1		Annexure-2-Core Pathology test Menu:	Please delete the column of Make/Model, HSN Code and Catalogue No. from annexure-2 as this annexure represents the test menu which included various parameters. Hence it will be difficult to mention the HSN, Cat no and Make of individual components	changes not Considered