

HSCC (I) Ltd

AMENDMENT –III

Dated 08.01.2020

IFB No.: **HSCC/PUR/CNCI/KOLKATA/MEDICAL EQUIPMENT/106 Dt. 25.11.2019**

The reply to the pre bid queries are being uploaded, as received from CNCI Kolkata for the above the referred IFB. It is proposed that the Bid sale, submission and opening date for the above the referred IFB may be extended as per details given below:

Sl. No.	Description	Existing Schedule	Revised Schedule
i.	Sale date of the tender	25.11.2019 (10:00 Hrs) to 16.01.2020 (upto 13:00 Hrs)	25.11.2019 (10:00 Hrs) to 20.01.2020 (upto 13:00 Hrs)
ii.	Closing date & time for receipt of tender	16.01.2020, 14:00 Hrs..	20.01.2020, 14:00 Hrs.
iii.	Time and date of Opening of Tenders	16.01.2020, 14:30 Hrs.	20.01.2020, 14:30 Hrs.

All other terms and conditions of the tender enquiry document shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/ CPPP website for corrigendum/ amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the newspapers in this regard.

Sr. CGM- I, HSCC (India) Limited
For and on behalf of Director, CNCI, Kolkata

GENERAL QUERY:

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
	OTHER INFORMATIONS	-NA-	All offline Documents (like Original Offline EMD, Affidavit etc, as per Bid Document) are to be submitted in sealed envelope at HSCC, NOIDA Office: E-6(A), Sector - I, NOIDA - 201 301 before the Schedule time of submission.
	OTHER INFORMATIONS	-NA-	The EMD in the form of DD shall be in favour of HSCC (I) Ltd. The EMD in the form of BG shall be as mentioned in Bid Document.
	OTHER AMENDMENTS	-NA-	<p><i>Closing Date & Time stands Amended:</i></p> <p><i>From 16.12.2019, 14:00 Hrs.</i> <i>To 20.01.2020, 14:00 Hrs.</i></p> <p>&</p> <p><i>Date & Time of Bid Opening Stands Amended:</i></p> <p><i>From 16.12.2019, 14:30 Hrs.</i> <i>To 20.01.2020, 14:30 Hrs.</i></p>
	-NA-	<p>One Bidder have requested to add the following points:</p> <ol style="list-style-type: none"> 1. Bidder should have minimum three years' installation of the quoted model in Kolkata, W. B. 2. The quoted instrument should have minimum 20 installations in Kolkata, W.B. 3. Minimum 10 instrument performance certificates (throughout the last three years) should be provided in tech 	<p>To be guided <u>ONLY</u> by the Tendered Terms & Conditions irrespective of any such conditions mentioned in the Tender/Bid Document.</p>

Item No. 1: Fully Automatic ISE electrolyte Analyser

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
	---	One Bidder have requested that Electrolyte Analyzer should be provided with a online UPS with a 30 minutes back up.	Points Added "online UPS with a 30 minutes back up."

Item No. 33: BLOOD GAS ANALYSER

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
1	<p>Should have pH, pCO₂, pO₂, Sodium, Potassium, Calcium, Chloride, total hemoglobin, Hematocrit/HHb, oxygen saturation, Glucose, Lactate, Urea/Creatinine, Neonatal Bilirubin, Barometric Pressure, O₂Hb, COHb, MetHB & Thb Co ox as a measured parameter. The parameters can be activated individually for measurement.</p>	<p>One Bidder have requested as following :</p> <p>Creatinine test, you will use either Urea or Creatinine along with Blood Gas parameters. Please be informed that there is only one Instrument on liquid calibration based where testing option of Urea & Creatinine are available. Said model is closed & locked-in, moreover this model requires changing of Urea, Creatinine Membrane frequently i.e every alternate day hence running Urea & Creatinine is very high & most of the time Instrument found Urea/ Creatinine parameters non-working. Hence this Urea/ Creatinine parameter should be deleted from specifications.</p> <p>As we know a sample of Blood Gas parameters along with Bio-chemistry tests like Glucose & Urea/ Creatinine will not serve the purpose of Emergency tests. There may be many Bio-Chemistry tests required for an emergency patient for which all big Hospital has night shift/24 hours working of Bio-Chemistry Lab.</p> <p>Special Point: It is also observed that your specifications do not have any quality certifications requirement (Like European CE, US FDA etc.) without these Certificates, Chinese make & inferior quality Instrument will have opportunity to participate in your Tender. So you are requested to add Instrument should be European CE & US FDA Certificate.</p> <hr/> <p>Another Bidder have requested to remove Urea/Creatinine from the parameters list.</p> <p>Justification: Since, these parameters are non critical in nature and require expensive maintenance. Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	<p>Tender Spec prevailed.</p>

Item No. 44: Chemiluminescent Immune Analyser

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
2	Throughput: Min throughput 80 or more test per hour.	<p>One Bidder have requested to amend as The instrument should have a throughput of minimum 100 tests per hour instead of 80 tests per hour because a lot of local companies can also quote their basic model which comes with a low cost and bad quality</p> <hr/> <p>Second Bidder have requested to amend as Throughput: 100 test per hour.</p> <hr/> <p>Third Bidder have requested to amend as Throughput: Min throughput should be 150 or more test per hour. Justification: Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Tender spec prevailed.
	Sample cup: 100000 sample cup should be supplied with the instrument	<p>One Bidder have requested to Exclude this specification.</p> <hr/> <p>Second Bidder have requested to amend as Sample Cup: 100000 sample cup should be supplied with the instrument.</p>	Points Deleted.
5	Sample capacity: Min Sample capacity 30 and above	<p>One Bidder have requested to amend as Sample capacity: Min Sample capacity 50 and above. Justification: Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Tender Spec prevailed.
8	Sample volume: should be in between 10-150 ul.	<p>One Bidder have requested to amend as Sample volume: should be in between <u>10-200 ul.</u> Justification: Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Should be read as "Sample volume: should be in between 10-200 ul."
10	Sample Probe carryover : No carryover.	<p>One Bidder have requested to amend as The instrument should have carryover of less than 0.1ppm and should have multiple extensive wash to prevent carryover or bio-hazard</p> <hr/> <p>Second Bidder have requested to amend as System should use disposable tips to ensure no carryover Justification: Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Should be read as "Sample Probe carry over : No carryover or The instrument should have carryover of less than 0.1ppm and should have multiple extensive wash to prevent carryover or bio-hazard"

11	Reagent capacity: Min 17 reagent position.	<p>One Bidder have requested to amend as The instrument should have minimum 25 reagent positions compared to the existing 17 reagent position mentioned in the tender as this will guarantee high end instruments being quoted for the tender along with 25 tests that could simultaneously be tested on the instrument</p> <hr/> <p>One Bidder have requested to amend as Reagent capacity: Min 17 reagent position <i>(Including Primary and Ancillary reagents)</i> <i>Justification:</i> Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Should be read as “Reagent capacity: Min 17 or More reagent position.”
13	Reagent Onboard stability: more than 28 days	<p>One Bidder have requested to amend as Reagent Onboard stability: It should be assay dependent- 7- 28 days <i>Justification:</i> Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Tender spec prevailed.
	Following parameters should be available:AFP,CA125,CA15.3,CA 19.9, CEA,HCG, beta HCG,PSA ,T3, T4, TSH, LH, PRL, FREE PSA,FSH,HBE,HBSAG,HIV Ag-Ab Combo, HAV Ab,Hbe, Insulin, B12. LIS,LAN system should be provided by the bidder.	<p>One Bidder have requested to remove the test named HCG as only beta HCG test is required which is already mentioned in the tender specification. Thus both HCG & beta HCG test is not required in the instrument specification. The Bidder have also requested to change the test name AFP to AFP as we think it is a typing error in the tender The Bidder have also requested to as The instrument should also have the Vit D, Anti-HCV & High Sensitive Troponin I test in addition to the assays mentioned in the tender specification as these are also very common assays and frequently required at any hospital</p> <hr/> <p>Second Bidder have requested to amend as Please move the below mentioned parameters to optional list- AFP, Beta HCG, Free PSA, HBE <i>Justification:</i> Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</p>	Should be read as “Following parameters should be available:AFP,CA125,CA 15.3,CA 19.9, CEA, beta HCG,PSA ,T3, T4, TSH, LH, PRL, FREE PSA,FSH,HBE,HBSAG,HI V Ag-Ab Combo, HAV Ab, Hbe, Insulin, B12. Optional parameter HCG,HBE, Vit D, troponin I.LIS,LAN system should be provided by the bidder.”
le		<p>One Bidder have requested to add as The instrument should have on board refrigeration facility to have better stability of the reagents.</p> <hr/> <p>Second Bidder have requested for FOC reagents.</p>	<p>Points added “The instrument should have on board refrigeration or temperature control facility to have better stability of the reagents.”</p> <p>Points added “Bidder should supply reagent for 100 nos. of test of all the available test and consumables for 2000 test with control and calibrator.</p>

		<p>One Bidder have requested to add as There should be a provision of online UPS with 30 mins backup to be provided along with the instrument</p> <hr/> <p>Second Bidder have requested to amend as UPS with Back up</p> <hr/> <p>Third Bidder have requested to specify on the requirement of UPS with 30 minutes back up.</p>	<p>Points Added "There should be a provision of online UPS with 30 mins backup to be provided along with the instrument."</p>
		<p>One Bidder have requested to amend as The instrument should be capable of loading reagent continuously without interrupting the instrument which would help the institute to give out results in the best possible time</p>	<p>Tender spec prevailed.</p>

Item No. 51: Deep Freezer (-80)

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
	<p>1. Upright ultra-low temperature freezer (-80 degree cent.), Model should be between 400-450 liters capacity. Freezer should have 5 compartments with five inner doors with stainless steel interior to prevent scratches, rust and oxidation. Construction should be of polyurethane foam 125-130mm thick insulation.</p>	<p>One Bidder have requested for following amendment 1) Capacity more than the upper value so it will become open for all. Making Number of Compartments & inner door number 4 or more will allow us to participation.</p>	<p>Should be read as "1. Upright ultra-low temperature freezer (-80 degree cent.), Model should be more than 450 liters capacity. Freezer should have 4 or more compartment with four inner doors with steel interior to prevent scratches, rust and oxidation. Construction should be of polyurethane foam 125-130mm thick insulation."</p>
	<p>5. System must be energy efficient refrigeration system. Compressor should be capable to run any voltage between 210-250 V. Freezer must ISO 9001 standard quality test requirements and IEC61010</p>	<p>One Bidder have requested for following amendment to remove the following specification - Compressor should be capable to run any voltage between 210- 250V, as contradicting with point no 9 Please allow CE certification for Electrical safety."</p>	<p>Should be read as "5. System must be energy efficient refrigeration system. Freezer must ISO 9001 standard quality test requirements or any international electrical standard"</p>
	<p>System should have single condenser fan reducing energy consumption and made of recyclable materials. Freezer should have electric supply of 230v/50HZ, 10 amps and single phase.</p>	<p>One Bidder have requested for following amendment "one or more condenser fan."</p>	<p>Should be read as "System should have single or more condenser fan reducing energy consumption and made of recyclable materials. Freezer should have electric supply of 230v/50HZ, 10 amps and single phase."</p>
		<p>One Bidder have requested for following amendment 10) Temperature recovery to -75deg C time should be less than or equal to 25 Minutes after one minute Open Door activity at an ambient of 20deg C.</p>	<p>Tender Spec prevailed.</p>

Item No. 55: DIATHERMY

Sl. No	Tendered Technical Specification for	Bidder's Queries	CNCI Decision for any Amendments, if any Tender Spec prevailed.
1	Should have Smart Tissue Sensing Technology which monitors changes in tissue impedance >400000 times per second and adjusts energy output accordingly.	One Bidder have requested to amend as Should have Smart Tissue Sensing/Tissue Feedback technology which monitors change in tissue impedance and adjust energy output accordingly. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology of the model Works on Tissue Feedback Mechanism and Mentioned Numbers are Purely favouring 01 Company Make and Model Published on their Catalogues.	Tender Spec prevailed.
2	Improved performance at lower power setting minimizes the risk of tissue damage and neuromuscular stimulation.		Tender Spec prevailed.
3	Three-section touch screen with enhanced ease of use, Simple controls and intuitive information displays. Three internal microcontrollers reduce system reaction time and increase the system processing speed	One Bidder have requested to amend as Three-section touch screen / Single LCD Display with enhanced ease of use, Simple controls and intuitive information displays. Three internal microcontrollers reduce system reaction time and increase the system processing speed. Remark: "Three-section touch screen" is specific to one company. <hr/> Second Bidder have requested to amend as three section /Single touch /TFT Push Button screen with enhanced ease of use, simple control and intuitive information displays. Optional of Three internal microcontroller reduce system reaction time and increase the system processing speed. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The module has single TFT push button screen. Mentioning internal circuits & Microcontroller Numbers are Purely Favoursing to 01 Company Make and Model Published on their Brochures. Pls delete it or keep it as an optional for Wider Partition in tender.	Tender Spec prevailed.
4	Spray coagulation voltage of no more than 9000 volts peak-to-peak output for board, but superficial coagulation with limited capacitive coupling.	One Bidder have requested to amend as spray coagulation superficial coagulation with limited capacitive coupling. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The module is having spray coagulation Modes. Mentioning the Volts and Numbers are purely favouring to 01 Company Make and Model Published on their Brochures. Pls delete it or keep it as an optional for Wider Partition in tender.	Tender Spec prevailed.
5	Unit should be advanced – microcontroller-based Technology, should perform self-test During Power ON.		Tender Spec prevailed.
6	A power efficiency rating of approximately 98 or more for cut Performance.		Tender Spec prevailed.

7	Closed loop coagulation for all the monopolar and bipolar modes.		Tender Spec prevailed.
8	Three cut modes, all controlled by instant response technology, offer surgeons a Variety of choices.	One Bidder have requested to amend as three cut modes, all controlled by instant response / Tissue feedback power peak technology, offers surgeon a variety of choices. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works on tissue feedback mechanism and mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues.	Tender Spec prevailed.
8.a	Low cut for delicate tissue or endoscopic cases.more than 300 kHz sinusoid	One Bidder have requested to amend as low cut for delicate tissue or endoscopic cases. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works on Low cut for delicate endoscopic cases and mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues. Pls delete it.	Tender Spec prevailed.
8.b	Pure cut for clean, precise cut more than 300 kHz sinusoid	One Bidder have requested to amend as pure / Auto cut for clean, precise cut. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works on Auto cut principal similar to mentioned which is of 01 Particular Company Make & Model and Mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues. Pls delete it.	Tender Spec prevailed.
8.c	Blend for cutting with homeostasis more than 300 kHz sinusoid bursts of sinusoid, recurring at 27 kHz intervals.50% duty cycle envelope	One Bidder have requested to amend as blend /dry cut for cutting with homeostasis. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works on dry cut principal similar to mentioned which is of 01 Particular Company Make & Model and Mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues. Pls delete it.	Tender Spec prevailed.
9	Coagulation modes: should have 4 or more monopolar coagulation mode		Tender Spec prevailed.
9.a	Desiccate for low Voltage contact coagulation suitable in endoscopic and Delicate tissue work.	One Bidder have requested to amend as dessicate / soft coagfojr low voltage contact cogulation suitable in endoscopic and delicate tissue work. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works soft cut for delicate endoscopic cases & Mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues.	Tender Spec prevailed.
9.b	High crest factor for efficient non-contact coagulation in most applications.		Tender Spec prevailed.

9.c	Low crest factor for lower voltage coagulation in requirements.		Tender Spec prevailed.
9.d	Spray for coagulating large tissue areas with superficial depth of necrosis.		Tender Spec prevailed.
10	Three Bipolar modes: should have 6 or more Bipolar mode	One Bidder have requested to amend as 1/3 Bipolar Mode with 6/8 effect Setting Equivalnavce to 6/8 Bipolar Modes. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The technology works on the cut principal which is similar to mentioned which is of 01 Particular Company Make & Model and Mentioned Numbers are purely favouring 01 Company Make and Model Published on their Catalogues. Pls delete it.	Tender Spec prevailed.
10.a	Precise, Standard, Macro setting utilize low voltage to prevent sparking.		Tender Spec prevailed.
10.b	Should have Auto Bipolar Mode.		Tender Spec prevailed.
11	Power can be changed from the sterile field from the monopolar pencil.	One Bidder have requested to amend as power / programme can be changed from the sterile field from the monopolar pencil. Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The Module has Programme Adjusted Features thru Monopolar Pencil	Tender Spec prevailed.
12	Unit should have simultaneous coagulation facility in monopolar coagulation.		Tender Spec prevailed.
13	Unit should have HF leakage monitoring system		Tender Spec prevailed.
14	Unit should have Time-out Facility to prevent accidental activation		Tender Spec prevailed.
15	Should have below mentioned standard and IEC Classifications: - Class L Equipment IEC 60501-1, IEC 60601-2-2, ANS / AAM HF 18, CIPSR 11 Class A	One Bidder have requested to amend as IEC 60601-1, IEC 60601-2-2, Class A/II B Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The Model is having Class B Protections Standards with valid IEC certifications & Mentioned Specs are Purely favouring 01 Company Make & Model Published on their Catalogues. Pls delete the other mentioned Certifications Mentioned as Published on Catalogues for 01 Particular Company Make & Model. Second Bidder have requested to amend as Should have below mentioned standard and IEC Classifications: - Class I Equipment IEC 60601-1, IEC 60601-2-2 /ANSI / AAMI HF 18, CIPSR 11 Class A Remarks: Standards of ANSI/AAMI HF 18/ CIPR Class A are too restrictive.	Tender Spec prevailed.

16	Accessories: -		Tender Spec prevailed.
	Monopolar, Bipolar Footswitch 1 each		Tender Spec prevailed.
	Monopolar Pencil (changes power from sterile field) 50pcs	One Bidder have requested to amend as Monopolar Pencil {changes power Programme from the sterile field} 50 pcs Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The Module has Programme Adjusted Features thru Monopolar Pencil	Tender Spec prevailed.
	Disposable Adult Patient Plate 50pcs		Tender Spec prevailed.
	Bayonet Bipolar Forceps 2pcs	One Bidder have requested to amend as Reusable & Autoclavable Bayonet Bipolar Forceps 2 pcs Reason: Pls mentioned that the Quoted Bipolar Forceps should be completely Reusable & Autoclavable in Nature & Company should provide a declaration for the same	Tender Spec prevailed.
	Disposable Bipolar Cable 50pcs	One Bidder have requested to amend as Reusable & Autoclavable Bayonet Bipolar Cable 50 pcs Reason: As the Published Specifications Favours & Restricted to only Particular 01 Company Make and Model. The model is having only Reusable & Autoclavable Bipolar Cable and other company also have the same. By asking for Disposable Cable it is Favours to Particular 01 Company Make and Model.	Tender Spec prevailed.
	Extended Electrode 50pcs	One Bidder have requested to amend as Extended Disposable Monopolar Electrode 50 pcs Reason: Pls mentioned that the Extended Disposable Monopolar Electrode is needed & also mentioned shape if possible ie Needle /Spatula /Staright etc.	Tender Spec prevailed.

Item No. 67: Electric Powered Micro Drill System

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
a	Electric Motor Control Unit		
	f. The console should have option to connect 3 hand pieces & 2 foot switches	One Bidder have requested to amend as “The Console should have option to connect 3 Hand Pieces & 1 Foot Switches at a time” . Remark: So far the application of Micro Drill is concern; there is no need of 2 Foot Switches at a time. Operating Surgeon will be the single user while the console will be using with drill or saw.	Should be read as “The Console should have option to connect 3 Hand Pieces & 1 Foot Switches at a time” .
c	Drill Hand piece		
	Cutting Accessories	One Bidder have requested to accept a deviation of 5% to 10% on diameter of the accessories & consumables. There are several companies whose consumables are not same as described in the Tender Specification but the applications are same.	On cutting Accessories size 5% to 10% deviation accepted.
	Specification for micro saw		
	d) Cutting Accessories for micro saws:	One Bidder have requested to accept a deviation of 5% to 10% on diameter of the accessories & consumables. There are several companies whose consumables are not same as described in the Tender Specification, but the applications are same.	On Cutting Accessories for micro saws: size 5% to 10% deviation accepted.

Item No. 80: Fully Automated Six Part Differential Blood Counter

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
		<p>One Bidder have requested following amendment</p> <p><i>Justification: Change in Specifications will help to maximize participation in the Tender and give a fair chance to the other bidders to participate. As given specification is closed towards specific instruments, which restrict many of the bidders to participate in the tender.</i></p>	Tender spec prevailed.
1	The instrument should be fully automated fluorescence flow cytometry based 6- part differential haematology analyser offering automatic start-up, shutdown and sample analysis.	The instrument should be VCS/ Flow Cytometry, Staining/ Laser/ Fluorescent based 6 part differential haematology analyzer.	Tender spec prevailed.
2	The instrument should have random access discrete analysis modes for CBC , CBC+DIFFERENTIAL+ IG.	The instrument should have random access discrete analysis modes for CBC , CBC+DIFFERENTIAL+ IG/ LUC/LIC	Tender spec prevailed.
3	The instrument should have 24 PARAMETERS reported: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV , PLT, NEUT % , LYMPH % , MONO% , EOS % , BASO % , NEUT # , LYMPH # , MONO # , EOS # , BASO # , PDW , MPV, PCT, P-LCR, IG # , IG % TWO HISTOGRAMS – RBC, PLT and ONE SCATTERGRAM	The instrument should have 24 PARAMETERS reported: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, <u>RDW-SD/CV/Cytogram</u> , RDW-CV , PLT, NEUT % , LYMPH % , MONO% , EOS % , BASO % , NEUT # , LYMPH # , MONO # , EOS # , BASO # , PDW , MPV, PCT, P-LCR, IG # , IG % TWO HISTOGRAMS – RBC, PLT and ONE SCATTERGRAM	Tender spec prevailed.
4	The instrument should have throughput of at least 60 samples per hour in both the discrete analysis modes	The instrument should have throughput of at <u>least 100 samples per hour</u> in both the discrete analysis modes	Tender spec prevailed.
5	The sample aspiration volume for the complete differential blood count should not than 70 µl	The sample aspiration volume for the complete differential blood count <u>should be atleast 200 µl</u>	Tender spec prevailed.
7	The instrument should have Hydrodynamic focusing / impedance channel.	The instrument should have Hydrodynamic focusing / impedance/ <u>flow</u> channel.	Tender spec prevailed.
9	The instrument should be equipped with Fluorescence based s fluorescence flow cytometry for Differential channel.	The instrument should be equipped with Fluorescence/ <u>VCS/ Staining</u> based fluorescence flow cytometry for Differential channel.	Tender spec prevailed.
10	Instrument should be able to enumerate immature granulocytes.	Instrument should be able to enumerate immature granulocytes/ <u>Ig flag</u> Justification:	Tender spec prevailed.
12	Instrument should have facility for up-gradation with additional clinic reticulocytes, immature platelet fraction etc	Instrument should have facility for up-gradation with additional clinic reticulocytes, immature platelet fraction/ <u>IRF/Ret Plt</u>	Tender spec prevailed.
18	It should have high linearity of over 4 lacs for WBCs ,over 40 lacs for Platelets	It should have high linearity of over 4 lacs for WBCs ,over <u>30 lacs for optical Platelets</u>	Tender spec prevailed.

Item No. 90: Real-time PCR based HPV screening and detection system

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
1	The system should be able to screening and detection of HPV 16 and HPV 18 genotype along with detection of 14 high-risk human papillomavirus types (31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68)in a single analysis.	One Bidder have requested to amend as The system should be able to screening and detection of HPV 16 and HPV 18 genotype along with detection of 14 high-risk human papillomavirus types (31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68)in a single analysis.	Tender spec Prevailed
2	The system should be fully automated for sample preparation and extraction combined with automated amplification and detection by Real time PCR technology.	One Bidder have requested to amend as The system should be fully automated for sample preparation and extraction, followed by amplification and detection by Real time PCR technology.	Tender spec Prevailed
3	The system should be able to screen at least 180 samples per day (8 working hour).	One Bidder have requested to amend as The system should be able to screen at least 180 samples per day (8 working hour).	Tender spec Prevailed
4	The system should be peltier based 96 well real-time PCR designed for both in-vitro diagnostic and open applications.	One Bidder requested to amend as The system should be peltier based 96 well/ air based 100 well rotor format real-time PCR designed for both in-vitro diagnostic and open applications.	Tender spec Prevailed
5	System should offer at least 5 excitation and 5 emission filters with fast amplification and fixed optics for detection of SYBR, FAM, HEX, VIC, JOE, TAMRA, etc.	One Bidder have requested to amend as System should offer at least 5 excitation and 5 emission filters with fast amplification and fixed optics for detection of SYBR, FAM, HEX, VIC, JOE, TAMRA, etc.	Tender spec Prevailed
6	Licensed and authorized Real-time PCR platform should be supplied along with the licensed software for HRM, Simple probes, Taqman Chemistry, Hybridization probes	One Bidder have requested to amend as Licensed and authorized Real-time PCR platform should be supplied along with the licensed software for HRM, Simple probes, Taqman Chemistry, Hybridization probes	Tender spec Prevailed
7	The system should offer clinically validated HPV assay which can be used as a primary screening test without PAP cytology for Cervical Cancer screening.	One Bidder have requested to amend as The system should offer clinically validated HPV assay which can be used as a primary screening test without PAP cytology for Cervical Cancer screening.	Tender spec Prevailed
8	Assay kit should have master mixes with inbuilt UNG enzyme to avoid carryover contamination.	One Bidder have requested to amend as UNG enzyme feature is already included in below point no 9. this point is not necessary	Tender spec Prevailed
9	The system should have multiple inbuilt features to prevent/minimize contamination like U.V light, UNG enzyme, CORE tip technology etc.The system shall have effective enzymatic contamination control (i.e. uracil-N-glycosylase) to allow the flexibility for the sample processing instrument and the real-time PCR analyzertobe operated either in one room or separate rooms	One Bidder have requested to amend as The system should have multiple inbuilt features to prevent/minimize contamination like U.V light, CORE tip technology etc.	Tender spec Prevailed
10	The instrument shall perform automated sample extraction and PCR reagent setup	One Bidder have requested to amend as The instrument shall perform automated sample	Tender spec Prevailed

	without any user intervention.	extraction and PCR reagent setup without any user intervention.	
11	The instrument shall incorporate the total aspirate and dispense monitoring mechanism to monitor every liquid handling step to detect clogs and ensure liquid volume is accurately pipetted every time.	One Bidder have requested to amend as The instrument shall incorporate the total aspirate and dispense monitoring mechanism to monitor every liquid handling step to detect clogs and ensure liquid volume is accurately pipetted every time.	Tender spec Prevailed
12	The system should offer Human Papillomavirus (HPV) detection and simultaneous genotyping assay. The assay should also incorporate an internal control to monitor the entire process from fully automated extraction to result interpretation.	One Bidder have requested to amend as The system should offer Human Papillomavirus (HPV) detection and simultaneous genotyping assay. The assay should also incorporate an internal control to monitor the entire process from fully automated extraction to result interpretation.	Tender spec Prevailed
13	The system should be capable of processing multiple specimen types directly from liquid-based cytology (LBC) vials.	One Bidder have requested to amend as The system should be capable of processing multiple liquid-based cytology (LBC) specimen types .	Tender spec Prevailed
14	System should accommodate the addition of laboratory-developed protocols to the existing test menu. The system should have a well- defined pre-analytical workflow and automate result interpretation	One Bidder have requested to amend as System should accommodate the addition of laboratory-developed protocols to the existing test menu. The system should have a well-defined pre-analytical workflow and automate result interpretation	Tender spec Prevailed
15	The system should offer common assays like KRAS, BRAF and EGFR mutation tests along with HPV.	One Bidder have requested to amend as The system should offer common assays like KRAS, BRAF and EGFR mutation tests along with HPV.	Tender spec Prevailed
16	The system should offer approved microbiology assays for CT/NG, MRSA/SA, HSV1/HSV2 and C.difficile.	One Bidder have requested to amend as The system should offer approved microbiology assays for CT/NG, MRSA/SA, HSV1/HSV2 and C.difficile.	Tender spec Prevailed
17	The company should be able to supply the reagents for the essential experiment in open channel.	One Bidder have requested to amend as The company should be able to supply the reagents for the essential experiment in open channel.	Tender spec Prevailed
18	Should come with the latest version of compatible Desktop/Laptop and compatible UPS with 1 Hr Backup.	One Bidder have requested to amend as Should come with the latest version of compatible Desktop/Laptop and compatible UPS with 1 Hr Backup.	Tender spec Prevailed

Item No. 138: OT Table (Imported) for ENT / Head & Neck

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
2	The table should be completely oil-free for better and clean operation & maintenance.	<p>One Bidder have requested to amend as The table should be completely electro-hydraulic for better and clean operation & maintenance Note: Oil Free is an out-dated technology, only one imported brand Merivaara has oil free. Eschmann had Oil Free Table but is discontinued. So, please delete the line: "The table should be completely oil free" Second Bidder have request to amend as " the table should be electro-hydraulic"</p> <p>Third Bidder have request to amend as "The table should electrohydraulic for stability and long life for better and clean operation & maintenance"</p>	Should be read as "The table should be completely oil-free or Electro Hydraulic for better and clean operation & maintenance.
7	All table positions should be power operated using a Handheld Control Unit for the following positions:	One Bidder have requested to amend as All table positions should be Electro-hydraulic operated using a Handheld Control Unit for the following positions:	Should be read as "All table positions should be power operated or electro hydraulically operated using a Handheld Control Unit for the following positions:
	b. Tabletop longitudinal sliding of 400mm or better with integrated kidney elevator. 100% Kidney position should be obtained without moving the patient, through remote control usin extension / break button	<p>One Bidder have requested to amend as b. Table top longitudinal sliding of 300mm or better with integrated kidney elevator. 100% Kidney position should be obtained without moving the patient, through remote control using extension / break button</p> <hr/> <p>Second Bidder have requested to amend as Table top longitudinal sliding of 380mm or better. 100% Kidney position should be obtained without moving the patient, through remote control using extension / break button Justification: For applications of Head and Neck region Longitudinal slide and a kidney elevator is barely required. This would un necessarily increase the cost burden. We suggest a change of slide to 380mm if it required whereas a kidney elevation can be achieved by a reflex position.</p>	Should be read as "b. Tabletop longitudinal sliding of 380mm or better with integrated kidney elevator. 100% Kidney position should be obtained without moving the patient, through remote control usin extension / break button"
	g. Powered Floors lock and unlock with manual emergency release.	One Bidder have requested to amend as g. Manual Floors lock and unlock with Foot Pedal.	Tender spec Prevailed.
8	The Handheld Control unit should have adequate size LCD /LED backlit screen which provides patient positioning feedback. The tabletop angles and height	One Bidder have requested to amend as The Handheld Control unit should have adequate size LCD /LED backlit screen which provides patient positioning feedback. The	Tender spec Prevailed

	should be clearly indicated with live positioning information displaying each selected position. Similar features should be available on override control panel.	selected positions of table top should be clearly displayed on the Hand Control screen. Similar features should be available on override control panel also.	
10	Should have Inbuilt Battery Backup as standard feature. Fully charged battery should be sufficient for 5 - 8 working days during power failure. The central column panel/base hand held controller should indicate the charging status and table battery status	One Bidder have request to amend as" Should have Inbuilt Battery Backup as standard feature. Fully charged battery should be 30 cycles (each cycle means complete range of adjustment for each and every position) during power failure. The central column panel/base hand held controller should indicate the charging status and table battery status"	Tender spec prevailed
13	Brakes, wheels for 360° rotation and at least two antistatic heavy-duty castors should be controlled by foot-pedals, located at head end of table base	One Bidder have requested to amend as Brakes should be controlled electronically through the hand held remote. wheels for 360° rotation and at least two antistatic heavy-duty castors Justification: Electronically controlled brakes are very practical and most manufacturers offer them. Second Bidder have request to amend as " the table should have heavy duty antistatic swivel castors with central hydraulic locking through hand held controller for easy manoeuvrability. It should have self-levelling floor locks"	Should be read as "Brakes, wheels for 360° rotation and at least two antistatic heavy-duty castors should be controlled by foot-pedals, located at head end of table base or using hand held remote control"
14	The table should be equipped with electronic (not manual) override control panel embedded in the central column body offering all the controls as in the hand held controller in case of remote failure.	One Bidder have requested to amend as The table should be equipped with manual override control panel embedded in the central column body offering all the controls as in the hand held controller in case of remote failure Second Bidder have request to amend as " The Table should have in-built manual override control system embedded in the base of the central column body offering all the controls as in the hand-held controller by the foot pedal and secondary remote in case of electrical & battery failures."	Should be read as "The table should be equipped with electronic or manual override control panel embedded in the central column body offering all the controls as in the hand held controller in case of remote failure.
17	Technical data:		
	a. Height adjustment: minimum 550-650 mm, maximum. 1050-1150 mm	One Bidder have requested to amend as a. Height adjustment : minimum 550-690mm, maximum 1050-1180mm Second Bidder have request to amend as "Height Adjustment: Minimum height 550mm or below and maximum 1150mm or above." Third Bidder have request to amend as" Height adjustment: minimum 550-700 mm, maximum. 1050-1150 mm"	Tender spec prevailed.
	c. Back (seat) section adjustment: minus 40 degree to plus 90 degree	One Bidder have requested to amend as b. Back (seat) section adjustment : minus 40 degree to plus 70 degree	Should be read as "c. Back (seat) section adjustment: minus 40 degree to plus 80

		<p>Second Bidder have requested to amend as Back (seat) section adjustment: minus 40 degree to plus 80-90 degree</p> <p>Justification: Minor variation, would not limit the surgeon for any application. We suggest a range of 80-90 degree for better participation.</p> <p>Third Bidder have request to amend as "Back (seat) section adjustment: minus 40 degree to plus 80 Degree"</p>	Degree or better"
	d. Motorized Leg section adjustment: plus 80 degree and minus 105 degree or more with crash prevention sensors.	<p>One Bidder have requested to amend as d. Motorized leg section adjustment: plus 70 degree and minus 90 degree or more with crash prevention sensors.</p> <p>Second Bidder have request to amend as "Motorized / Manual Leg section adjustment: plus 25 degree and minus 90 degree or more with crash prevention sensors."</p>	Tender spec prevailed
	f. Dual section headrest: 60 degree UP and 90 degree DOWN.	<p>One Bidder have requested to amend as f. Dual section headrest: 25 degree UP and 45 degree DOWN.</p> <p>Second Bidder have request to amend as "Dual section headrest: 55 degree UP and 50 degree Down."</p>	Tender spec prevailed
	i. Powered longitudinal sliding – 350mm or more, should be possible both head side & leg side. Total long sliding should be more than 110 mm towards leg side and more than 230 mm on head side.	<p>One Bidder have requested to amend as i. Powered longitudinal sliding- 300mm or more, should be possible both head side & leg side. Total long sliding should be more than 140mm on head side.</p> <hr/> <p>Second Bidder have requested to amend as Powered longitudinal sliding – 380mm or more, should be possible both head side & leg side. Total long sliding should be more than 190 mm towards leg side and more than 190 mm on head side.</p> <p>Justification: This is contrary to the Point 7b. we suggest that a total slide of 380mm or more would suffice.</p> <p>Third Bidder have request to amend as "Powered longitudinal sliding – 430mm on both head and leg sides."</p>	Should be read as "i. Powered longitudinal sliding – 380mm or more, should be possible both head side & leg side. Total long sliding should be more than 110 mm towards leg side and more than 190 mm on head side."
	j. Should have safe patient weight load capacity of at least 270 kg or more in all positions. The stationary patient weight capacity should be 450 kg or more. The literature should be supported with both types of weight capacities.	<p>One Bidder have request to amend as "The safe patient weight capacity in normal orientation should be 550kg or more for all articulating positions and 225kg or more in reverse orientation for all articulating positions. The literature should be supported with both types of weight capacities."</p> <p>Second Bidder have request to amend as "Should have safe patient weight load capacity</p>	Tender spec prevailed.

		of at least 270 kg or more in all positions. The stationary patient weight capacity should be 350 kg or more. The literature should be supported with both types of weight capacities”	
18	7) D-shaped gel positioner - 1 No.	One Bidder have requested to mention application for which it is required.	Tender spec prevailed
		<p>Second Bidder have request to add below mention points “</p> <ol style="list-style-type: none"> 1. OR table additionally equipped with integrated power drive unit to provide ease of manoeuvring when moving the table over longer distances. 2. OT Table should be future ready for Integration Technology 3. Leg Plate down movement should have Anti-Crush Feature so that Accidental damage of Leg Plate in Low Height Position can be avoided 4. OR table should have special service software for quick, uncomplicated definition of technical status and failure tracing. 5. RS-232 Port for Device Control & Computer Assisted Error Diagnosis for Easy Service. <p>7. OR Table should have Interchangeable position for Head Plate so that it can connect with leg plate.</p> <p>8. Control of the adjustment motions:</p> <p>The adjustments of the hydraulically powered motions are controlled electrically from outside the intervention area via cable connected hand control. Hand pendant with backlight and/or display.</p> <p>All powered functions can be controlled manually also (override system) via an additional control unit, stored safely on the side of the lift column. Integrated into the table’s foot construction, should be a foot pump operated via a retractable foot lever. It should be a fully functional manual system in the case of some type of failure or table should have a completely independent electronic drive system to maintain table in working order in the event of main motor failing.</p> <p>Table should be European CE and USFDA Certified</p>	<p>Tender spec prevailed</p> <p>Tender Spec prevailed</p>

Item No. 183: VIDEO BRONCHOSCOPE

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
	I- Therapeutic Video Bronchoscope		
	"Tip Bending Range: Up 180 deg , On 130".	One Bidder have requested for following amendment: "Tip Bending Range : Up 180 deg, Down 100 deg or more".	Tender spec prevailed.
	"Working Length: 600 mm or more".	One Bidder have requested for following amendment: "Working Length: 540 mm or more".	Tender spec prevailed.
	Should have all accessories like:		
	Point 8. "Cleaning Brush for Biopsy Port, Suction Cylinder: 02 Nos."	One Bidder have requested for following amendment: "Cleaning Brush for Biopsy Port: 02 Nos."	Tender spec prevailed.
	Other Points:		
	"All products should be from same manufacturer"	One Bidder have requested for following amendment: "All products should be from same manufacturer except accessories".	Tender spec prevailed.
	Above Quoted scope should be compatible with Video Processor And LED Light Source with Mucosal Enhancement /Early Cancer Detection capability (NBI) including High End Video Processor, Light Source Unit with NBI, Medical Grade Monitor (21" and/or above) etc.	One Bidder have requested to amend as The above Quoted scope should be compatible with Video Processor And LED Light Source with Real time Cancer Detection capability (NBI& the Video Processor, Light Source unit should be compatible with EBUS in near Future from same OEM System should have Medical Grade Monitor (26" and/or above) from same OEM	Should be read as "The above Quoted scope should be compatible with Video Processor And LED Light Source with Real time Cancer Detection capability (NBI& the Video Processor, Light Source unit should be compatible with EBUS in near Future from same OEM System should have Medical Grade Monitor (26" and/or above) from same OEM."
	---	One Bidder have requested to add OEM Trolley, Computer, UPS, Medical grade software ,Computer system ,Printer (Which can be from other make)	Points added " Bidder should supply OEM Trolley, Computer, UPS, Medical grade software, Computer system, Printer (Which can be from other make)

Item No. 218: CO2 Laser System

Sl. No	Tendered Technical Specification	Bidder's Queries	CNCI Decision for any Amendments, if any
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	It should be equipped with one touch tab/switch to choose either wave-guide or articulated arm modality without changing any part.	One Bidder have requested for following amendment: "It should be equipped with one touch tab / switch to choose either wave-guide or flex fibre coupling adapter without changing any part".	Tender Spec prevailed
	It should have at least 100 user defined memory settings.	One Bidder have requested for following amendment: "It should have at least 5 user defined memory settings."	Tender Spec prevailed

	It should have a 0.2mm focused hand piece.	One Bidder have requested for following amendment: "It should have 27 mm focused hand piece".	Tender Spec prevailed
	It should have a multi –color touch screen panel	One Bidder have requested for following amendment: "It should have a membrane keypad & LCD screen of at least 7 inch".	Tender Spec prevailed
	It should have a user-friendly graphic display to provide step-by-step operating instructions.	One Bidder have requested for following amendment: Kindly remove / delete the said point from the existing Tender Technical Specification.	Tender Spec prevailed
	1) Micromanuplator with following requirements for microlaryngeal laser surgery:		Tender Spec prevailed
	It should have beam scan shape: linear & curved incisions: 0.3mm to 5.0 mm in length (user defined), 0.7 mm to 3 mm for papillomatosis.	One Bidder have requested for following amendment: "It should have beam scan shape: 0.4 mm to 2.0 mm".	Tender Spec prevailed