

**HLL MEDIPARK LIMITED**

**Amendment -2**

- Ref: 1. Tender no. HML/EQUIP/01/18 dated 24<sup>th</sup> April, 2018.**  
**2. Amendment – 1 for HML/EQUIP/01/18 dated 10<sup>th</sup> May, 2018.**

**Minutes of Pre Bid Meeting held on 07<sup>th</sup> & 08<sup>th</sup> May, 2018 at HML Chennai office, on the Global Tender for Setting up of EMI/EMC Lab at HLL Medipark, Chengalpattu, Kancheepuram district, Tamil Nadu**

The Global tender for the Setting up of EMI/EMC Laboratory at HLL Medipark Limited, Chengalpattu, Kancheepuram district, Tamil Nadu was published on 24<sup>th</sup> April 2018. The pre bid meeting was held on 07<sup>th</sup> May 2018 at HLL Medipark Limited, Velachery, Chennai at 10:00 Hrs which was extended up to 08<sup>th</sup> May 2018. The list of attendees is attached as per Annexure –A. The necessary amendments and clarifications are as below.

**Existing Clause: (Ref: S.No: 1, Section –I, Notice Inviting Tenders, Page No.3)**

HLL Medipark Limited, invites sealed tenders, from eligible and qualified tenderers for Design, Construction, Supply, Testing and Commissioning of RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room for Other Test along with Testing Equipment on Turnkey Basis for Medipark, Chengalpattu, Kancheepuram District, Tamil Nadu.

Sl.No	Name of the Item	Completion Period	Tender Fee	EMD (Rs.)
1	Design, Construction, Supply, Testing And Commissioning Of RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test along with Testing Equipment.	12 Months	Rs. 10,000/- + GST @18% = Rs.11,800/- <b>(Rupees Eleven Thousand and Eight Hundred Only)</b>	Rs.22,00,000/- <b>(Rupees Twenty Two Lakhs Only)</b>

**Amended Clause: (Ref Section –I, Notice Inviting Tenders, Page No.3)**

(1) HLL Medipark Limited, invites separate sealed tenders, from eligible and qualified tenderers for Design, Construction, Supply, Testing and Commissioning of RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room for Other Test along with Testing Equipment for Medipark, Chengalpattu, Kancheepuram District, Tamil Nadu as follows.

Schedule	Name of the Item	Completion Period	Tender Fee/ Cost of Tender	EMD (Rs.)
Schedule - 1	RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room (Part – A)	12 Months	Rs. 5,000/- + GST @18% = Rs.5,900/- <b>(Rupees Five Thousand and Nine Hundred Only)</b>	Rs.9,00,000/- <b>(Rupees Nine Lakhs Only)</b>
Schedule - 2	Radiated Susceptibility, Radiated Emission & Conducted Emission Test System (PART-B)	12 Months	Rs. 6,000/- + GST @18% = Rs.7,080/- <b>(Rupees Seven Thousand and Eighty Only)</b>	Rs.14,00,000/- <b>(Rupees Fourteen Lakhs Only)</b>
Schedule - 3	Conducted Susceptibility Test System , Harmonic and Flicker Emission (PART – C & PART – D)	12 Months	Rs. 3,000/- + GST @18% = Rs.3,540/- <b>(Rupees Three Thousand Five Hundred and Forty Only)</b>	Rs.1,00,000/- <b>(Rupees One Lakh Only)</b>

Note- If the bidder is eligible to quote for more than one schedule in the tender specified; the bidder may submit the quotation in separate envelope for each package super scribing the Schedule No and description on it. The price of each schedule complete in all respect will be evaluated and the L1 party will be identified schedule wise

**Existing Clause: (Ref: S.No: 2, Section –I, Notice Inviting Tenders, Page No.3&4 & Amendment - 1)**

Sl. No.	Description	Schedule
i.	End Date of download of tender enquiry document	29.06.2018,17.00 Hrs (IST)
v.	Last date & Time for receipt of Tender	30.06.2018, 14.00 Hrs (IST)
vi.	Date and Time of opening of Techno – Commercial tenders	30.06.2018, 14.30 Hrs (IST)

**Note: If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the date of tender opening, i.e. up to 13.12.2018**

**Amended Clause: (Ref: S.No: 2, Section –I, Notice Inviting Tenders, Page No.3&4)**

Sl. No.	Description	Schedule
i.	End Date of download of tender enquiry document	11.07.2018,17.00 Hrs (IST)
v.	Last date & Time for receipt of Tender	12.07.2018, 16.00 Hrs (IST)
vi.	Date and Time of opening of Techno – Commercial tenders	12.07.2018, 16.15 Hrs (IST)

**Note: If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the date of tender opening, i.e. up to 24.12.2018**

Ref. to tender	Existing Clause	Amended Clause
S.No:5, Section-I, Notice Inviting Tenders, Page No.4	5. The bidders are required to submit Original non-refundable Demand Draft of Rs.11,800/- (Rs.10,000+18% GST) as cost of tender in favour of “ <b>HLL Medipark Limited</b> ” Payable at Chennai. Tender processing Fee is required from all the bidders irrespective of their registration with MSME, Startups (registered with DIPP) or any other Govt. organisation.	5. The bidders are required to submit Original non-refundable Demand Draft separately for each schedule (as mentioned in the table – Page 2 of this amendment) as cost of tender in favour of “ <b>HLL Medipark Limited</b> ” Payable at Chennai. Tender processing Fee is required from all the bidders irrespective of their registration with MSME, Start-ups (registered with DIPP) or any other Govt. organisation.
S.No:6, Section-I, Notice Inviting Tenders, Page No.4	6. Bid must be accompanied by EMD for an amount of Rs.22,00,000/- (Rupees Twenty Two Lakhs Only) drawn in favour of <b>HLL Medipark Limited</b> . Bid security will have to be in any one of the forms as specified in the tender document and shall have to be valid for 45 days beyond the validity of the tender.	6. Bid must be accompanied by EMD for an amount for each schedule separately (as mentioned in the table – Page 2 of this amendment) drawn in favour of HLL Medipark Limited. Bid security will have to be in any one of the forms as specified in the tender document and shall have to be valid for 45 days beyond the validity of the tender.
S.No:6, Section-I, Notice Inviting Tenders, Page No.4	7. Bid must be delivered to HLL Medipark Limited, 2nd Floor, HLL Bhavan, No.26/4, Tambaram – Velachery Road (Behind Kamakshi Hospital),Pallikaranai, Chennai -600100 Ph. No. 044 – 29813732 on or before 14.00 Hours on 30.05.2018 and will be opened on the same day at 14.30 hours, in the presence of the bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue.	7. Bid must be delivered to HLL Medipark Limited, 2nd Floor, HLL Bhavan, No.26/4, Tambaram – Velachery Road (Behind Kamakshi Hospital),Pallikaranai, Chennai -600100 Ph. No. 044 – 29813732 on or before 16.00 Hours on 12.07.2018 and will be opened on the same day at 16.15 hours, in the presence of the bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue.

Ref. to tender	Existing Clause	Amended Clause
S.No:13.4.2, Section-II, General Instructions to Tenderers (GIT), Page No.15	<p>13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:</p> <ul style="list-style-type: none"> <li>a) The price of goods quoted FOB/FCA port of shipment, as indicated in the List of Requirements and Price Schedule;</li> <li>b) The price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;</li> <li>c) The charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 6 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;</li> <li>d) The charges for Incidental Services, as in the List of Requirements and Price Schedule;</li> <li>e) The prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and</li> </ul>	<p>13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:</p> <ul style="list-style-type: none"> <li>a) The price of goods quoted DAP at Consignee site basis, as indicated in the List of Requirements and Price Schedule;</li> <li>b) The price of goods quoted should be on DAP at Consignee site basis, in India as indicated in the List of Requirements, Price Schedule and Consignee List;</li> <li>c) The prices of Turnkey (Civil/Electrical/Mechanical Engineering Works if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and</li> <li>d) The price for CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule</li> </ul>

Ref. to tender	Existing Clause	Amended Clause
	f) The price of annual CMC, as mentioned in List of Requirements, Technical Specification and Price Schedule.	
S.No:13.5.5, Section–II, General Instructions to Tenderers (GIT), Page No.16	13.5.5 Customs Duty: The supplier will pay the customs duty and clear the goods for transportation to consignee's site. The applicable rates and amount of custom duty and the corresponding Indian custom tariff number should be shown separately in the price schedule. However, for calculation purpose 7.75% (incl 2% Edu Cess 1% & HEdu Cess) & IGST @18% will be considered. Duty paid by the supplier shall be reimbursed on submission of documents. Customs duty exemption certificate (CDEC) shall not be issued by the consignee.	13.5.5 Customs Duty: Customs duty will be paid in Indian Rupees to the customs department directly by HML on intimation by the supplier's Customs Clearing Agent with demand notice / Assessment order from Customs. However, for calculation purpose, Customs Duty @ 7.75% (incl 2% Edu Cess 1% & HEdu Cess) & IGST @18% will be considered. Customs duty exemption certificate (CDEC) shall not be issued by the consignee.
S.No:33, Section–II, General Instructions to Tenderers (GIT), Page No.23	33. In case the List of Requirements contains more than one schedule, the responsive tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender. However, as already mentioned in GIT sub clause 13.2, the tenderers have the option to quote for any one or more schedules and offer discounts for combined schedules. Such discounts wherever applicable will be taken into account to determine the lowest evaluated cost for the purchaser in deciding the successful tenderer for each schedule, subject to tenderer(s) being responsive.	33. In case the List of Requirements contains more than one schedule/ Package, the responsive tenders will be evaluated and compared separately for each schedule/package. The tender for a schedule/ package will not be considered if the complete requirements prescribed in that schedule/ package are not included in the tender. However, as already mentioned in GIT sub clause 12.2, the tenderers have the option to quote for any one or more schedules/ package.

Ref. to tender	Existing Clause	Amended Clause
Section–III, Special Instructions to Tenderers (SIT), Page No.29	Note : The Tenderer has to mandatorily quote for all the equipments and system of the Schedule -1 (in Section XI A or Section XI B) as well as Turnkey works in Price Schedule XI (D)and Annual CMC in Price Schedule XI (C), failing which the Tender shall be disqualified and rejected. Schedule – 1 consists of Part A, Part B, Part C & Part D. The tendered has to show the break up of the Schdedule – 1 costs in the four parts.	Note: The tenderer may participate and submit their bids for any one or more schedule in this tender. However, tenderer has to quote all requirements of particular Schedule (in Section XI A or Section XI B) as well as Turnkey works, (if any) in Price Schedule XI (D)and Annual CMC in Price Schedule XI (C), failing which the Tender shall be disqualified and rejected. The price of each schedule complete in all respect will be evaluated individually and the L1 party will be identified schedule wise.
S.No:10.1, Section–IV, General Conditions of Contract (GCC), Page No.34	10.1 Instructions for transportation of imported goods offered from abroad: The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under <b>CIP (Named port of destination) terms</b> ; the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country through India’s forwarding agents/coordinators. In case the forwarding agent/coordinators are unable to provide timely adequate space in Indian flag vessel or by vessels belonging to the conference lines, the supplier shall arrange shipment through any available vessel to adhere to the delivery schedule given in the contract.	10.1 Instructions for transportation of imported goods offered from abroad: The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under <b>DAP terms</b> at consignee site basis.
S.No:11.1, ii) Section–IV, General Conditions	ii) in case of supply of the imported goods on <b>CIP Named port of Destination Basis</b> , the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 6	ii) in case of supply of imported goods on <b>DAP at Consignee site basis</b> , the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the

Ref. to tender	Existing Clause	Amended Clause
of Contract (GCC), Page No.34	months beyond date of delivery for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from ware house to ware house (consignee site) on all risk basis.	stores duly insured for an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. The insurance cover shall be obtained by the Supplier and should be valid till 6 months after the receipt of goods by the Consignee on all risk basis.
S.No:15.7, Section-IV, (GCC), Page No.38	During Warranty period, the supplier is required to visit at each consignee's site at least once in <b>3 months</b> commencing from the date of the installation for preventive maintenance of the goods.	During Warranty period, the supplier is required to visit at each consignee's site at least once in <b>6 months</b> commencing from the date of the installation for preventive maintenance of the goods.
S.No:21.1B, Section-IV, General Conditions of Contract (GCC), Page No.41	<p><b>B) Payment for Imported Goods:</b> Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:</p> <p><b>a) On Shipment:</b> <b>Seventy (70)% of the net CIP price</b> (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:</p> <ul style="list-style-type: none"> <li>(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;</li> <li>(ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre-</li> </ul>	<p><b>B) Payment for Imported Goods:</b> Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:</p> <p><b>a) On Shipment:</b> <b>Thirty (30)% of the net DAP price</b> (DAP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:</p> <ul style="list-style-type: none"> <li>(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;</li> </ul>



Ref. to tender	Existing Clause	Amended Clause
	<p>paid and four copies of non-negotiable Bill of Lading/Airway bill;</p> <p>(iii) Four Copies of packing list identifying contents of each package;</p> <p>(iv) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;</p> <p>(v) Manufacturer's/Supplier's warranty certificate;</p> <p>(vi) Manufacturer's own factory inspection report and</p> <p>(vii) Certificate of origin by the chamber of commerce of the concerned country;</p> <p>(viii) Inspection Certificate for the despatched equipment issued by recognized/ reputed agency like SGS, Lloyd, BUREAU VARITUS and TUV prior to despatch.</p> <p>(ix) Consignee Receipt Certificate</p> <p><b>b) Installation and Commissioning</b>  <b>Twenty (20)% of the net CIP price</b> (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of the following document:</p> <p>(i) Installation and commissioning certificate issued by the end user</p>	<p>(ii) Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre-paid and four copies of non-negotiable Bill of Lading/Airway bill;</p> <p>(iii) Four Copies of packing list identifying contents of each package;</p> <p>(iv) Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;</p> <p>(v) Manufacturer's/Supplier's warranty certificate;</p> <p>(vi) Manufacturer's own factory inspection report and</p> <p>(vii) Certificate of origin by the chamber of commerce of the concerned country;</p> <p>(viii) Deleted</p> <p>(ix) Deleted.</p> <p><b>b) On Delivery at site:</b>  <b>Forty (40)% of the net DAP price</b> (DAP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:</p> <p>(i) Goods receipt certificate by the ultimate consignee on receipt of goods at site.</p>

Ref. to tender	Existing Clause	Amended Clause
	<p><b>c) On Acceptance:</b> Balance payment of <b>10% of net CIP price</b> of goods would be made against 'Final Acceptance Certificate'(FAC) as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.</p> <p><b>d) Payment of Incidental Costs till consignee site &amp; Incidental Services</b> (including Installation &amp; Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent on proof of final installation, commission and acceptance of equipment by the consignee.</p> <p><b>e) Payment of Indian Agency Commission:</b> Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.</p>	<p><b>c) Installation and Commissioning :</b> <b>Twenty (20)% of the net DAP price</b> (DAP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of the following document:</p> <p>(i) Installation and commissioning certificate issued by the end user</p> <p><b>d) On Acceptance:</b> Balance payment of <b>10% of net DAP price</b> of goods would be made against 'Final Acceptance Certificate'(FAC) as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country, subject to recoveries, if any. FAC need to be issued by the designated consignee after installation, commissioning, testing and one month of successful trial run of the equipment.</p> <p><b>e) Payment of Incidental Services</b> (including Installation &amp; Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent or to the principal in their currency on</p> <p>(i) 50% of service value against installation (ii) 30% of service value against commissioning</p>

Ref. to tender	Existing Clause	Amended Clause
		<p>(iii)Balance 20% of service value against Final Acceptance Certificate by Purchaser</p> <p><b>f) Payment of customs clearance and handling charges, loading/ unloading, inland transportation, incidental costs till consignee site</b> will be paid in Indian Rupees to the Manufacturer's Authorized Indian representative or to the principal in their currency on intimation to the purchaser with Bill of Entry and supporting documents. However Customs duty will be paid in Indian Rupees to the customs department directly by HML on intimation by the vendor's Customs Clearing Agent with demand notice / Assessment order from Customs.</p> <p><b>g) Payment of Indian Agency Commission:</b> Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. 100% Payment shall be paid in Indian Rupees to the Indian Agent after 100 % payment to the foreign principal.</p>
S.No:21.1C, Section-IV, General	<p><b>C) Payment of Turnkey, if any:</b> Turnkey payment will be made to the bidder/manufacturer's agent in Indian rupees indicated in the relevant Price Schedule (as per</p>	<p><b>C) Payment of Turnkey (Civil/Electrical/Mechanical Engineering Works) , if any:</b></p>

Ref. to tender	Existing Clause	Amended Clause
Conditions of Contract (GCC), Page No.42	prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation.	Turnkey payment will be made to the bidder/manufacturer's agent in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. The payment for Turnkey (Civil/Electrical/Mechanical Engineering works) shall be made as follows : (i) 50% against installation (ii) 30% against commissioning (iii)Balance 20% against Final Acceptance Certificate by Purchaser.
S.No:21.1E, Section-IV, General Conditions of Contract (GCC), Page No.42	<b>E) Payment for Annual Comprehensive Maintenance Contract Charges:</b> The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 2.5 % of the cost of the equipment as per contract valid till 2 months after expiry of entire CMC period.	<b>E) Payment for Annual Comprehensive Maintenance Contract Charges:</b> The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 2.5 % of the cost of the equipment as per contract valid till 2 months after expiry of entire CMC period. However entering into an agreement on AMC Service with the Supplier on completion of warranty period is the sole discretion of the Purchaser.
S.No: 1, Section-V, (SCC), Page No.48	<b>1. Calibration</b> - Accredited Calibration during warranty period shall be offered free of cost. Beyond the warranty period provide the schedule of calibration listing following: item name, calibration frequency, time taken for calibration, cost of	<b>1. Calibration</b> - Accredited Calibration during warranty period shall be offered free of cost. Beyond the warranty period provide the schedule of calibration listing following: item name, calibration frequency, time taken for calibration, cost of

Ref. to tender	Existing Clause					Amended Clause																								
	calibration. Cost of calibration will not be taken in the price bid evaluation.					calibration. <b>Cost of calibration will also be taken in the price bid evaluation.</b>																								
S.No: 3, Section-V, Special Conditions of Contract (SCC), Page No.48	Inspection of instrument only: The safety testing shall be done as per international standard at HML, Chengalpattu, Tamil Nadu at the prescribed market rate.					<b>Deleted</b>																								
Part -1, Section-VI, List of Requirements, Page No.49	<table border="1"> <thead> <tr> <th data-bbox="394 746 465 858">S. No</th> <th data-bbox="465 746 775 858">Name of the Item</th> <th data-bbox="775 746 913 858">Quantity (Nos)</th> <th data-bbox="913 746 1072 858">Warranty Period (Yrs)</th> <th data-bbox="1072 746 1234 858">CMC Period (Yrs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="394 858 465 1193">1</td> <td data-bbox="465 858 775 1193">RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test and Testing Equipment</td> <td data-bbox="775 858 913 1193">1</td> <td data-bbox="913 858 1072 1193">3</td> <td data-bbox="1072 858 1234 1193">5</td> </tr> </tbody> </table>					S. No	Name of the Item	Quantity (Nos)	Warranty Period (Yrs)	CMC Period (Yrs)	1	RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test and Testing Equipment	1	3	5	<table border="1"> <thead> <tr> <th data-bbox="1256 746 1328 858">S. No</th> <th data-bbox="1328 746 1632 858">Name of the Item</th> <th data-bbox="1632 746 1771 858">Quantity (Nos)</th> <th data-bbox="1771 746 1930 858">Warranty Period (Yrs)</th> <th data-bbox="1930 746 2092 858">CMC Period (Yrs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="1256 858 1328 1238">Schedule -1</td> <td data-bbox="1328 858 1632 1238">RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room (Part – A of Technical Specification Section - VII)</td> <td data-bbox="1632 858 1771 1238">1 Lot</td> <td data-bbox="1771 858 1930 1238">3</td> <td data-bbox="1930 858 2092 1238">5</td> </tr> </tbody> </table>					S. No	Name of the Item	Quantity (Nos)	Warranty Period (Yrs)	CMC Period (Yrs)	Schedule -1	RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room (Part – A of Technical Specification Section - VII)	1 Lot	3	5
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1	RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test and Testing Equipment	1	3	5																										
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Schedule -1	RF Shielded 3 Metre Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room (Part – A of Technical Specification Section - VII)	1 Lot	3	5																										

Ref. to tender	Existing Clause	Amended Clause				
		Schedule -2	Radiated Susceptibility, Radiated Emission & Conducted Emission Test System (PART-B of Technical Specification Section - VII))	1 Lot	3	5
		Schedule -3	Conducted Susceptibility Test System , Harmonic and Flicker Emission (PART – C & PART – D of Technical Specification Section - VII))	1 Lot	3	5
Part -III, Section-VI, List of Requirements, Page No.49	<b>Part III: Scope of Incidental Services:</b> C&F Charges, Local Transportation from Port of Destination to Consignee Delivery Site, Installation, Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.	<b>Part III: Scope of Incidental Services:</b> Installation, Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13.				

Ref. to tender	Existing Clause	Amended Clause
Part -VII, b) Section-VI, List of Requirements, Page No.49	<p><b>Part VII: Required Terms of Delivery and Destination.</b></p> <p><b>b) For Imported goods directly from abroad:</b></p> <p>The foreign tenderers are required to quote their rates on CIP Named Port of Destination Basis giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP Named Port of Destination basis.</p> <p>The shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping &amp; Transport, New Delhi, India as detailed in Annexure 1 at Section XIX.</p> <p><b>Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 6 months beyond date of delivery.</b></p>	<p><b>Part VII: Required Terms of Delivery and Destination.</b></p> <p><b>b) For Imported goods directly from abroad:</b></p> <p>The foreign tenderers are required to quote their rates on DAP at Consignee site basis giving breakup of the price as per the Proforma prescribed in the Price Schedule.</p> <p>The shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping &amp; Transport, New Delhi, India as detailed in Section XIX.</p> <p>Insurance shall be borne by the Vendor as specified in GCC Clause 11.</p>
S.No: 1,b) & d) General Technical Specifications in Section-VII, Page No.77	<p>1. Warranty:</p> <p>b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.</p> <p>d) In case of failure or maintenance issue extended more than 1 week (even if the overall uptime is 95%) , the warranty period shall be extended for the double the downtime period over and above one week for a single event.</p>	<p>1. Warranty:</p> <p>b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis subject to a maximum of 1 year extension for 3 year warranty period.</p> <p>d) In case of failure or maintenance issue extended more than 1 week (even if the overall uptime is 95%) , the warranty period shall be extended for the double the downtime period over and above one week for a single event subject to a maximum of 1 year extension for 3 year warranty period.</p>

Ref. to tender	Existing Clause	Amended Clause												
S.No: 4 e), f) & g) General Technical Specifications in Section-VII, Page No.77	<p>4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Turnkey:</p> <p>e) There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.</p> <p>f) During CMC period, the supplier is required to visit at each consignee's site at least once in 3 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.</p> <p>j) In case of failure or maintenance issue extended more than 1 week (even if the overall uptime is 95%) , the CMC period shall be extended for the double the downtime period over and above one week for a single event.</p>	<p>4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Turnkey:</p> <p>e) There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period subject to a maximum of 4 month extension for each year CMC Period.</p> <p>f) During CMC period, the supplier is required to visit at each consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.</p> <p>j) In case of failure or maintenance issue extended more than 1 week (even if the overall uptime is 95%) , the CMC period shall be extended for the double the downtime period over and above one week for a single event subject to a maximum of 4 month extension for each year CMC Period.</p>												
S.No. 02, Qualification Criteria, Section – IX, Page No.80	<p><b>02. Turnover:</b> Eligible Bidders should have an average annual turnover of minimum Rupees 100 Million or equivalent currency as on date of technical bid opening in the consecutive past three financial years (2014-15, 2015-16, 2016-17).</p>	<p><b>02. Turnover:</b> Eligible Bidders should have an average annual turnover as per the table mentioned below in Indian Rupees or equal currency as on date of technical bid opening in the consecutive past three financial years (2014-15, 2015-16, 2016-17).</p> <table border="1" data-bbox="1258 1123 2085 1278"> <thead> <tr> <th>S.No</th> <th>Schedule No</th> <th>Annual Turnover</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Schedule - 1</td> <td>Rs. 36 Million</td> </tr> <tr> <td>2</td> <td>Schedule – 2</td> <td>Rs. 56 Million</td> </tr> <tr> <td>3</td> <td>Schedule – 3</td> <td>Rs. 4 Million</td> </tr> </tbody> </table>	S.No	Schedule No	Annual Turnover	1	Schedule - 1	Rs. 36 Million	2	Schedule – 2	Rs. 56 Million	3	Schedule – 3	Rs. 4 Million
S.No	Schedule No	Annual Turnover												
1	Schedule - 1	Rs. 36 Million												
2	Schedule – 2	Rs. 56 Million												
3	Schedule – 3	Rs. 4 Million												
S.No. 05, Qualification	<p><b>05. Solvency Certificate:</b> Eligible bidders should submit a solvency certificate of not less than Rupees 100 Million or equivalent currency as on date of technical bid opening from a</p>	<p><b>05. Solvency Certificate:</b> Eligible bidders should submit a solvency certificate not less than for the amount mentioned below in Indian Rupees or equal currency as on date of technical bid</p>												



Ref. to tender	Existing Clause	Amended Clause												
n Criteria, Section – IX, Page No.80	Nationalized / Scheduled bank. <b>In case of a foreign bidder the solvency certificate can be submitted from a branch of a foreign bank having banking operations in India.</b>	opening from a Nationalized / Scheduled bank. <b>In case of a foreign bidder either the solvency certificate can be submitted from a branch of a reputed foreign bank or a certificate from bank declaring the financial capability of the bidder to handle the project of value equivalent for the amount specified in the table below (Conversion factor applied shall also be mentioned).</b> <table border="1" data-bbox="1256 568 2087 722"> <thead> <tr> <th>S.No</th> <th>Schedule No</th> <th>Solvency Required</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Schedule - 1</td> <td>Rs. 36 Million</td> </tr> <tr> <td>2</td> <td>Schedule – 2</td> <td>Rs. 56 Million</td> </tr> <tr> <td>3</td> <td>Schedule – 3</td> <td>Rs. 4 Million</td> </tr> </tbody> </table>	S.No	Schedule No	Solvency Required	1	Schedule - 1	Rs. 36 Million	2	Schedule – 2	Rs. 56 Million	3	Schedule – 3	Rs. 4 Million
S.No	Schedule No	Solvency Required												
1	Schedule - 1	Rs. 36 Million												
2	Schedule – 2	Rs. 56 Million												
3	Schedule – 3	Rs. 4 Million												
S.No. 06, Qualificatio n Criteria, Section – IX, Page No.80	<b>06. Office in India:- The bidder must have office/ offices in India at the time of submitting bid. Proof of having office in India must be submitted along wih the bid.</b> In case the bidder does not have an office in India, at the time of submitting the bid, he should give an undertaking that he will open an office in India within 90 days from the date of award of contract if the contract is awarded and also should submit an undertaking in a non-judicial stamp paper duly notarised that they they will continue operation in India during the post installation period of atleast 10 years to ensure required standard of service delivery with respect to warranty, operations and maintenance of the equipments supplied and installed.	<b>06. Office in India:- The bidder or its authorized representative must have office/ offices in India at the time of submitting bid. Proof of having office in India must be submitted along wih the bid.</b> In case the bidder or its authorized representative does not have an office in India, at the time of submitting the bid, he should give an undertaking that he will open an office in India within 90 days from the date of award of contract if the contract is awarded and also should submit an undertaking in a non-judicial stamp paper duly notarised that they they will continue operation in India during the post installation period of atleast 10 years to ensure required standard of service delivery with respect to warranty, operations and maintenance of the equipments supplied and installed.												

**Existing Clause: (Ref: S.No: A, Section –XI, Price Schedule, Page No.85)****SECTION – XI PRICE SCHEDULE****A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA**

1	2	3	4	5					6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)					Total Price (at Consignee Site) basis (Rs.) 4 x 5(e)
				Ex - factory/ Ex - warehouse /Ex - showroom /Off - the shelf (a)	GST (if any) Value (%age) (b)	Inland Transportation, Insurance for a period including 6 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (c)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (d)	Unit Price (at Consignee Site) basis (e) =a+b+c+d	
<b>Schedule 1</b> PART-A PART-B PART-C PART-D									

Total Tender price in Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

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

Seal of the Tenderer \_\_\_\_\_

**Amended Clause: (Ref: S.No: A, Section –XI, Price Schedule, Page No.85)****SECTION – XI PRICE SCHEDULE****A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA**

1	2	3	4	5					6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (Rs.)					Total Price (at Consignee Site) basis (Rs.) 4 x 5(e)
				Ex - factory/ Ex - warehouse /Ex-showroom /Off - the shelf (a)	GST (if any) Value (%age) (b)	Inland Transportation, Insurance for a period including 6 months beyond date of delivery, loading/ unloading and Incidental costs till consignee's site (c)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (d)	Unit Price (at Consignee Site) basis (e) =a+b+c+d	

- NB: 1. Bidders to quote separately for each schedule for which they are eligible.  
2. The price of each schedule complete in all respect will be evaluated individually and the L1 party will be identified schedule wise.

Total Tender price in Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

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

Seal of the Tenderer \_\_\_\_\_

**Existing Clause: (Ref: S.No: B, Section –XI, Price Schedule, Page No.86)**

**B) PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD**

1 Schedule	2 Brief Description of Goods	3 Country of Origin	4 Quantity (Nos.)	5 Price per unit (Currency)							6 Total price on CIP Named Port of Destination 4X 5 (e)	
				FOB price at port/ airport of Lading	Indian Agency Commission(% of FOB)**	Net FOB	Freight & Insurance (port of loading to port of entry) and other Incidental costs	Unit Price on CIP named port of Destination	Incidental Services (including C&F Charges, Local Transportation from Port of Destination to Consignee Delivery Site, Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site**	Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 6 months beyond date of delivery**	In foreign currency	In Indian Rupees
<b>(Schedule 1)</b>				(a)	(b)	(c=a-b)	(d)	(e=c+d)	(f)	(g)	4*e	4*(b+f+g)
PART-A												
PART-B												
PART-C												
PART-D												

\*\* To be paid in Indian Currency (Rs.)

(A) Total Tender price in foreign currency: \_\_\_\_\_

In words: \_\_\_\_\_

(B) Total Tender price in Indian Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable
4. Custom duty @ 7.725 % (incl 2% Edu Cess & 1% HEdu Cess) and IGST @ 18% will be added to the CIP price to arrive at the DDP price for evaluation purpose.

Indian Agent:

Indian Agency Commission - \_\_\_% of FOB

Signature of Tenderer \_\_\_\_\_

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

Seal of the Tenderer \_\_\_\_\_

Place: \_\_\_\_\_

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

**Amended Clause: (Ref: S.No: B, Section –XI, Price Schedule, Page No.86)****B) PRICE SCHEDULE FOR GOODS TO BE IMPORTED FROM ABROAD**

1 Schedule	2 Brief Description of Goods	3 Country of Origin	4 Quantity (Nos.)	5 Price per unit (Currency)								6	
				FOB price at port/ airport of Lading	Indian Agency Commission (% of FOB)**	Net FOB	Freight & Insurance as per tender and other Incidental costs	Net CIP named port of Destination	Customs Clearance & Handling Charges**	Loading / Unloading / Inland Transportation & Incidental cost till Consignee's site**	Incidental Services (Installation, Commissioning, Supervision, Demonstration, Training Documentation and Qualification at the consignee's site)**	Total price on DAP till consignee Site	
												In foreign currency	In Indian Rupees
				(a)	(b)	(c=a-b)	(d)	(e=c+d)	(f)	(g)	(h)	4* (e)	4* (b+f+g+h)

- NB: 1. Bidders to quote separately for each schedule for which they are eligible.  
2. The price of each schedule complete in all respect will be evaluated individually and the L1 party will be identified schedule wise.

\*\* To be paid in Indian Currency (Rs.)

(A) Total Tender price in foreign currency: \_\_\_\_\_

In words: \_\_\_\_\_

(B) Total Tender price in Indian Rupees: \_\_\_\_\_

In words: \_\_\_\_\_

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
3. The Tenderer will be fully responsible for the safe arrival of the goods at the Consignee site in good condition as per terms of DAP as per INCOTERMS.
4. Custom duty @ 7.725 % (incl 2% Edu Cess & 1% HEdu Cess) and IGST @ 18% will be added to the DAP price to arrive at the DDP price for evaluation purpose.

Place: \_\_\_\_\_

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

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

Seal of the Tenderer \_\_\_\_\_

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
1	In RF Shielded Semi –Anechoic Chamber, the Quiet Zone shall be 2m dia X 2m H Cylinder instead of 2mX2mx2m cube.	S.No,5 of A.1 of the Section –VII (Page No.52):  “Quiet Zone (QZ) – 2mX2mX2m (LXWXH)”	The Clause is amended as  “Quiet Zone (QZ) – 2m Dia X2m Height”
2	Whether RF Absorbers should be non-combustible RF Absorbers.	S.No.10 of A.1 of the Section – VII(Page No.53)	The Vendor has to quote as per the tender specifications. However optional increase in cost for non-combustible RF Absorbers may be quoted separately.
3	Whether Powerline Filters should be real separated lines in accordance with CISPR17	S.No,21 of A.1 of the Section –VII (Page No.55) : “Power line filters , Communication filters & Control line filters”: <ul style="list-style-type: none"> <li>• Power line Filters with 100 dB insertion loss from 14 kHz to 18 GHz</li> <li>• For EUT Power/Turntable/Antenna Mast/Lighting/ Accessories: <ul style="list-style-type: none"> <li>○ 1 Ø, 230 V AC, 50 Hz,20 A, 2 lines (1 Ø+ neutral) - 1 no</li> <li>○ 3 Ø, 4 Line, 440 V, 50 Hz, 50 A – 1no</li> <li>○ DC, 2 line, 300 V, 25A – 1no</li> <li>○ Telephone Line Filter for connecting 1 analogue phone</li> </ul> </li> </ul>	The Clause is amended as  “Power line filters , Communication filters & Control line filters”: <ul style="list-style-type: none"> <li>• Power line Filters (Filters with real separated lines and in accordance with CISPR 17) with 100 dB insertion loss from 14 kHz to 18 GHz.</li> <li>• For EUT Power/Turntable/Antenna Mast/Lighting/ Accessories (Filters w): <ul style="list-style-type: none"> <li>○ 1 Ø, 230 V AC, 50 Hz,20 A, 2 lines (1 Ø+ neutral) - 1 no</li> <li>○ 3 Ø, 4 Line, 440 V, 50 Hz, 50 A – 1no</li> <li>○ DC, 2 line, 300 V, 25A – 1no</li> </ul> </li> </ul>

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
		<ul style="list-style-type: none"> <li>○ Filters for CCTV, Intercom and Fire Detection Systems to be considered.</li> </ul>	<ul style="list-style-type: none"> <li>○ Telephone Line Filter for connecting 1 analogue phone</li> <li>○ Filters for Intercom and Fire Detection Systems to be considered.</li> <li>○ Optic Fibre link for CCTV.</li> </ul>
4	Whether the Antenna Mast should be of Bore sight as per FCC requirement.	<p>S.No : 24 of A.1 of the Section –VII (Page No.55) :</p> <p>Antenna Mast –</p> <ul style="list-style-type: none"> <li>● Antenna Mast of 1m - 4 m scan with accuracy <math>\pm 2</math> cm or better.</li> <li>● Weight carrying capacity of minimum 10 kg Antenna weight, with Centre line polarization and Variable speed drive.</li> <li>● Remotely controlled through the controller in the control room through FO cable.</li> </ul>	<p>The Clause is amended as Antenna Mast –</p> <ul style="list-style-type: none"> <li>● Antenna Mast (Bore Sight) of 1m - 4 m scan with accuracy <math>\pm 2</math> cm or better.</li> <li>● Weight carrying capacity of minimum 10 kg Antenna weight, with Centre line polarization and Variable speed drive.</li> <li>● Remotely controlled through the controller in the control room through FO cable.</li> </ul>
5	Whether optical zoom of 18x instead of 20x is acceptable for the EUT Monitoring System.	<p>S.No.26 of A.1 of the Section –VII (Page No.55):</p> <p>“Two (2) Shielded FHD Digital Camera with battery pack, 330° rotation and zoom (at least 20x Optical zoom and 10x digital zoom) fixed on the tripod and can be moved very close to the EUT.”</p>	<p>The Clause is amended as</p> <p>“Two (2) Shielded FHD Digital Camera with battery pack, 330° rotation and zoom (at least 18x Optical zoom and 10x digital zoom) fixed on the tripod and can be moved very close to the EUT.”</p>

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
6	Is RFI Trap required for Chamber		<p>Yes. Added as S.No.29 of A1 of the Section –VII (Page No.55) as</p> <p>RFI Trap – RFI Trap with copper granules to be added as a part of SAC for inserting cables with non-standard connectors.</p>
7	Rack will be generally provided by Test equipment vendor and not by Chamber vendor	<p>S.No. 9 of A.2 of the Section – VII (Page No. 57)</p> <p>“Test Environment - Ergonomically designed essential work table, equipment racks and associated furniture have to be supplied”.</p>	<p>The Clause is amended as</p> <p>“Test Environment - Ergonomically designed essential work table and associated furniture have to be supplied”.</p>
8	Whether Interior Finishing required for Amplifier Room also (AR)?	S.No.2 of A.5 of the Section –VII (Page No.58)	Not required for Amplifier Room (AR).
9	Is VESDA (Air Sampling) Fire detection required for CR & AR room also?	<p>S.No.5 of A.5 of the Section –VII (Page No.58):</p> <p>Fire detection and fire extinguishing system for SAC, CR, AR &amp; NSR:</p> <p>The following systems to be provided by the vendor:</p> <ul style="list-style-type: none"> <li>• VESDA /equivalent (air sampling) fire detection system with sufficient sampling for the Area of SAC, CR &amp; AR to</li> </ul>	<p>The Clause is amended as</p> <p>Fire detection and fire extinguishing system for SAC, CR, AR &amp; NSR:</p> <p>The following systems to be provided by the vendor:</p> <ul style="list-style-type: none"> <li>• VESDA /equivalent (air sampling) fire detection system with sufficient sampling for the Area of SAC.</li> </ul>



S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
		<ul style="list-style-type: none"> <li>• Primary fire extinguisher (CO<sub>2</sub>), hooter and provision for Manual/Automatic power shut off.</li> <li>• Two nos of CO<sub>2</sub> cylinders on manifold with 30m hose on roll.</li> <li>• Complete Fire Detection System &amp; Fire Extinguishers for NSR.</li> </ul>	<ul style="list-style-type: none"> <li>• Primary fire extinguisher (CO<sub>2</sub>), hooter and provision for Manual/Automatic power shut off.</li> <li>• Two nos of CO<sub>2</sub> cylinders on manifold with 30m hose on roll.</li> <li>• Complete Fire Detection System &amp; Fire Extinguishers for CR, AR &amp; NSR.</li> </ul>
10	Whether for HVAC system, Carrier make is allowed?	S.No.7 of A.5 of the Section –VII (Page No.59): Air Conditioning System	Carrier make is also allowed in addition to tender makes.
11	The standard for Radiated immunity and Radiated emission has to be corrected as per latest standards	<p>S.No.2 of B.1 of the Section –VII (Page No.60): Standards :</p> <p><b>Radiated immunity:</b> Test levels as per IEC 60601-1-2 Edition 4 (Test level 10 V/m from 80 MHz to 2.7 GHz) with reference to IEC 61000-4-3.</p> <p><b>Radiated Emission:</b> Test levels as per IEC 60601-1-2 Edition 4 (9 KHz to 3 GHz) with reference to CISPR 11. FCC Part 18.</p> <p><b>Conducted Emission:</b> Test levels as per IEC /CISPR/FCC Standard as applicable.</p>	<p>The Clause is amended as follows</p> <p>Standards :</p> <p><b>Radiated immunity:</b> Test levels as per IEC 60601-1-2 Edition 4 (Test level 30 V/m from 80 MHz to 6 GHz) with reference to IEC 61000-4-3.</p> <p><b>Radiated Emission:</b> Test levels as per IEC 60601-1-2 Edition 4 (9 KHz to 18 GHz) with reference to CISPR 11. FCC Part 18.</p> <p><b>Conducted Emission:</b> Test levels as per IEC /CISPR/FCC Standard as applicable.</p>

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
11	Harmonic Distortion -20 dBC at 1 dB compression point is difficult without tolerance	S.No.4.9 of B.2 of the Section –VII (Page No.62):  Harmonic Distortion: “Minimum -20 dBC at 1 dB compression point. Data of harmonic distortion measurement @ 1dB compression to be provided.”	The Clause is amended as  Harmonic Distortion: “Minimum -20 dBC ± 3 dB at 1 dB compression point. Data of harmonic distortion measurement @ 1dB compression to be provided.”
12	Provide the details of Field Probe Monitor for measuring Isotropic Field Strength Probe		Added as S.No.8.9 of B2 of the Section –VII (Page No.63) as Field Strength Probe – Touch Screen Display to be provided.
13	10 dBi gain minimum for Antenna is difficult without tolerance	S.No.9.1.4 of B.2 of the Section –VII (Page No.64): Gain - “10dBi Minimum”	The Clause is amended as  Gain – “7 dBi to 9 dBi”
14	Antenna for Emissions – Frequency range of 30 MHz -18GHz is not sufficient with single antenna. Hence 2 antenna shall be provided	S.No.2.2 of B.3 of the Section –VII (Page No.66): “Antennas for Emission : Frequency - 30 MHz – 18 GHz”	The Clause is amended as “Antennas for Emission will be 2 Nos: Frequency of 1 <sup>st</sup> Antenna will be 30 MHz – 6 GHz. Frequency of 2 <sup>nd</sup> Antenna will be 6GHz – 18 GHz.”
15	Considering a state of the art Lab, Whether EMI Receiver for Conducted Emission, frequency range can be 10 Hz to 6GHz considered instead of 10 Hz – 30 MHz.	S.No. 1.2 of B.3 of the Section VII (Page No. 68): “Frequency Range : 10 Hz – 30 MHz”	The Clause is amended as “Frequency Range : 10 Hz – 6GHz”
16	Audio Indication is not possible in ESD Test. (Warning)	S.No. 15 of C.1 of the Section VII (Page No. 70):	The Clause is amended as

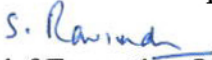
S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
		“Warning /indicator - Indication of presence of high voltage at the tip and an audio indication during discharge.”	“Warning /indicator - Indication of presence of high voltage at the tip during discharge.”
17	Whether Oscilloscope & Calibration Target is required for Conducted Susceptibility test System. Also confirm verification kit for ESD, EFT/BURST & Combination Wave/Surge (C1, C2, C3)		Yes Required. Added as S.No.24 of C.1 of the Section –VII (Page No.70/71) as Oscilloscope – Sampling Rate of minimum 2GHz & Calibration target shall be included. Additionally all verification kit for ESD, EFT/BURST & Combination Wave/Surge (C1, C2, C3 of the Section –VII) shall be provided in scope of supply
18	Combination Wave / Surge – Voltage Range should be minimum 250 V	S.No.1 of C.3 of the Section –VII (Page No.72): “Voltage Range – 200V to 4kV±10% ”	The Clause is amended as “Voltage Range – 250V to 4kV±10% ”
19	EUT Power rating for CDN shall be 300 V for AC/DC	S.No.13 of C.3 of the Section –VII (Page No.72): “EUT Power Rating for EFT – AC : 230V, 16A, 50 Hz, DC : 250V, 16A”	The Clause is amended as “EUT Power Rating for EFT - AC : 300V, 16A, 50 Hz, DC : 300V, 16A”
20	The field strength for Magnetic Fields – Power frequency shall be minimum 100 A/m	S.No.1 of C4 of the Section –VII (Page No.73): “Field - 30 A/m, 50 Hz and 60 Hz”	The Clause is amended as “Field - 100 A/m, 50 Hz and 60 Hz”
21	BCI Probe is not mandatory for Medical Equipment testing. Hence the same shall be deleted from scope of supply.	Reference clauses for BCI Probe are as follows :	BCI Probe is not required. Hence the following amendment in C6 of the Section –VII (Page No.75) are as follows.

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
		<p>S.No.8 of C.6 (Conducted Disturbances induced by RF Fields) - BCI Method (BCI Injection Probe) of the Section –VII (Page No.75)</p> <p>S.No. 9 of C.6 (Conducted Disturbances induced by RF Fields) Current Monitoring Probe of the Section –VII (Page No.75)</p> <p>S.No. 4 of C.6 of the Section –VII (Page No.74) Power Meter “Power Meter - 3 channels, to measure Forward, Reverse and feedback Power (Injected Voltage or Current)”</p>	<p>S.No. 8 of C.6 (Conducted Disturbances induced by RF Fields) - BCI Method (BCI Injection Probe) <b>is deleted from scope of supply.</b></p> <p>S.No.9 of C.6 (Conducted Disturbances induced by RF Fields) Current Monitoring Probe <b>is deleted from the scope of supply.</b></p> <p>Also S.No. 4 of C6 of the Section –VII (Page No.74) Power Meter is amended as follows. “Power Meter - 2 channels, to measure Forward and Reverse Power”</p>
22	Please clarify the calibration interval for Warranty & Period.		HLL need Accredited Calibration during warranty period and CMC period. Calibration interval for Systems part is as per OEM/NABL Recommendation whichever is earlier.
23	Consumable and wear and tear materials will not be covered under warranty		Consumables may be removed for CMC or warranty. Consumables shall only include items that can be replenished by HML operator/technical/engineer for day to day operation of equipment. The quality assurance of consumables shall be the responsibility of vendor.

S.No	Queries by Bidder	Tender Clause	Reply/Clarifications/Amendment
24	Mishandling cannot be included in warranty. Manufacturing defects are covered under warranty.		Agreed on mishandling issues, conditionally. The vendor should certify the HML designated experts and facility in charge are trained to avoid mishandling issues.
25	Batteries (for UPS) are consumables hence replacement of battery not covered under warranty/CMC		Agreed. Batteries (for UPS) will be treated as consumable and will be replaced by HML. In case of any manufacturing defect, the batteries shall be replaced by Vendor at free of cost.
26	Whether Ethernet interface can be used for computer interface in Conducted Susceptibility Test System apart from USB Interface.		Yes, Ethernet interface is also accepted for computer interface.
27	Whether Pre-Dispatch Inspection means Factory Acceptance Testing of Integrated System.		Yes, Pre-Dispatch inspection means Factory Acceptance Testing of Integrated System.

**Important Note:**


1. The above amendment shall form part of the Tender Document and is to be submitted duly signed by the applicants along with their Application.
2. All other terms & condition of Tender document remains unchanged.
3. Prospective bidders are advised to regularly scan through HLL Portal ([www.lifecarehll.com](http://www.lifecarehll.com)) for corrigendum/amendments etc. and separate advertisement will not be made for this.

  
**Chief Executive Officer**  
**HLL Medipark Limited.**

**END OF AMENDMENT NO-2**

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**ANNEXURE -A**

  
**LIST OF ATTENDEES**

Global Tender for Setting up of EMI/EMC Laboratory at HLL Medipark Limited - Design, Construction, Supply, Testing And Commissioning of RF Shielded 3 Metre










**Tender Name :** Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test Along With Testing Equipment On Turnkey Basis at Medipark, Chengalpattu, Kancheepuram District, Tamil Nadu.


**Tender No :** HML/EQUIP /01/18 dated 24.04.2018

**Venue :** HLL Medipark Limited, 2nd Floor, HLL Bhavan, No:26/4, Tambaram – Velachery Road, Pallikaranai, Chennai-600100.

**Subject :** Pre Bid Meeting

**Date & Time :** 07.05.2018; 10:30Hrs

Sl. No	Name	Company	Contact No	E Mail	Signature
1	Mahen + Peter	emc: plus	994067483	emcplus@gmail.	
2	RAHUL GAUTAM	RHDE & SCHWARZ	9899020222	rahul.gautam@rhde-schwarz.com	
3	SOJU.P	Rhde & Schwarz	8971200788	SOJU.PUTHA@RHDE-SCHWARZ.COM	
4	Kumar K. Kochhar	Altchess Projects	9550850486	kumar.k.kochhar@altchess-projects.in	
5	Rajesh Kumar NK	ETS-LINDGREN	9845812741	rajeshkumar@ets-lindgren.com	
6	Ush. Sanjay Singh (Retd)	"	8826153066	SANJAY.SINGH@ETS-LINDGREN.COM	
7	Jitender Kumar Singh	"	9880551173	jitender.singh@ets-lindgren.com	
8	Abhishek Homed	HML		"	
9	R. Ajithkumar	HITES.		rajithkumar@hllhites.com	

  
**LIST OF ATTENDEES**

Global Tender for Setting up of EMI/EMC Laboratory at HLL Medipark Limited - Design, Construction, Supply, Testing And Commissioning of RF Shielded 3 Metre




**Tender Name :** Semi- Anechoic Chamber, RF Shielded Amplifier Room, RF Shielded Control Room, Non Shielded Room For Other Test Along With Testing Equipment On Turnkey Basis at Medipark, Chengalpattu, Kancheepuram District, Tamil Nadu.

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**Venue :** HLL Medipark Limited, 2nd Floor, HLL Bhavan, No:26/4, Tambaram – Velachery Road, Pallikaranai, Chennai-600100.

**Subject :** Pre Bid Meeting

**Date & Time :** 07.05.2018; 10:30Hrs

Sl. No	Name	Company	Contact No	E Mail	Signature
10	Bhaskar Choudhury	HLL Medipark Ltd	9830851116	bhaskar@lifecarehll.com	
11	Dr. D.C. Pande	LRDE, DRDO Bangalore	9449048858	pande.dc@gmail.com	
12	N. Thiagarajan	HLL Medipark Ltd	8137928595	thiagaraj@lifecarehll.com	
13					
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