

Response to Pre-bid queries

S.No	Organization	Chapter No	Page No	Clause as per RFP	Clarification Sought	Pre-Bid Query Response
1	VSN International Pvt. Ltd.	CHAPTER-VI Eligibility and Bid Evaluation, 6.2.2	50	The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 11,000 nos. of Tablets/Laptops in India or Globally in single project/work order in any Govt. department/ institutes in the last five years executed as on date of submission of bid.	As per the clause you have asked for experience in supplying 11,000 No.s of Tablet/Laptop in a single order in any Govt. Department or institutes which is very specific. This is very big quantity asked in a single order on which most of the bidder will not qualify. We would request to amend the clause to "1100 Nos. of learning devices/ Laptop/Desktops in a single order for Govt. Departments/ Institutions or Private Organization/ Institutions in the last five years executed as on date of submission of bid."	No Change in Tender Conditions
2	SRIT India Pvt Ltd	4.11	20	Earnest Money Deposit (EMD) The bidder should enclose EMD of Rs. 19,00,000/- (Rupees Nineteen Lakhs only) in the form of Demand Draft drawn in favour of EdCIL (India) Limited and payable at NOIDA from any Nationalised bank valid for 90 days from submission of bid. In case EMD is submitted in the form of BG, the BG should be valid beyond 90 days after the bid validity date and should be as per the Annexure. Bidders registered with MSME and having valid registration certificate issued by NSIC/MSME are exempted for submission of EMD. However, MSMEs are advised to submit their financial solvency certificate issued not earlier than 3 months from the last date of bid submission. The Bid sent without EMD will be considered as UNRESPONSIVE and will not be considered.	As per the GFR notification no. F.9/4/2020-PPD dated: 12-Nov-2020, we request you to kindly exclude the EMD.	No Change in Tender Conditions

3	SRIT India Pvt Ltd	5.1, 5.8	23, 24	<p>5.1 EdCIL (India) Limited has been entrusted by the Ministry of Education, Tertiary Education, Science and Technology (MoETEST), Republic of Mauritius for implementation of the Early Digital Learning Programme (EDLP) Project in all grades of primary schools of Mauritius. The EDLP Programme has been successfully implemented for Grades 1 to 4. Further the programme has to be implemented for Grades 5 and 6.</p> <p>5.8 The price quoted by the bidder shall be valid for three (3) years from the date of placement of the first work order.</p>	As per clause 5.7, there would be difference between first and second order, we would like to know the duration in days between these two orders as the price would keep changing.	Refer Tender Document
4	SRIT India Pvt Ltd	5.22	31	<p>Four service centres, one in each educational zone of Republic of Mauritius are already operational for the EDLP project under the supervision of EdCIL. Each centre has its own contact number and email ID. The successful bidder may liaise with these centres to take their services for higher grades for scope of works mentioned in this RFP considering the simplicity of operations.</p> <p>Moreover, any changes in email IDs or contact numbers as suggested by EdCIL during the contract period will have to be followed by the successful bidder. However, it is responsibility of the successful bidder to do liaising with the existing service provider.</p>	<p>Request to change to one centralized location. As Mauritius is a small country and the cost involved is huge while calculating for (3) years in maintaining the (4) Service centres in (4) different zones. It will also ease the operational burden.</p> <p>It is worth to mention that, post COVID-19 scenario, the costs have soared a lot mainly in the property sector of the mauritius. Thus the increase is 3-4 folds compared to Pre-Covid scenario. And while it is calculated for (3) years. the cost will be on the higher side.</p>	No Change in Tender Conditions
5	SRIT India Pvt Ltd	5.26	32	<p>The service centres should be equipped with CCTV, telephone, internet, sign boards, desktop/laptop, printer and any other essential items required for proper functioning of the centres. The access to the CCTVs should be provided to EdCIL for live monitoring and reviewing any past incidents.</p>	The recurring cost involved in the facilities like internet, mobile etc. And in a country like Mauritius, those facilities are very costly. Hence, request you to waive off to (1) central location.	No Change in Tender Conditions
6	SRIT India Pvt Ltd	7.1	53	<p>Duration & Timeline: The successful bidder has to complete the task within stipulated time of 3 Months from the date of issuance of LOI/LOA, unless terminated earlier in accordance with the provision of the signed agreement.</p>	<p>Due to Covid scenario the Import and Export of goods have become challenging.</p> <p>We request to increase the "Pre-Dispatch Inspection" to T+6 weeks and Delivery Timelines to (20) weeks.</p>	No Change in Tender Conditions

7	SRIT India Pvt Ltd	7.2	<p>53</p> <p>1. Payment shall be released after Satisfactory Pre Dispatch Inspection of equipment by PDI Committee and submission of signed and stamped inspection report to EdCIL as per the entire satisfaction of the client. Payment will be made if items are found in good condition as per term and conditions mentioned in the RFP. The bidder should submit the following documents to the EdCIL for the payment:</p> <ul style="list-style-type: none"> · 2 Copies of the tax invoice showing contract number, goods description, quantity unit price, total amount. · PDI Certificate issued by the nominated inspection committee (signed and stamped) as applicable. · Valid document as proof of dispatch of materials to Mauritius. <p>Payment % of the Contract Value : 20%</p>	<p>We request to change the payment against successful PDI as 40%.</p>	<p>No Change in Tender Conditions</p>
8	SRIT India Pvt Ltd	7.2	<p>54</p> <p>Payment shall be released after successful commissioning and handing over of all hardware items at school level in Mauritius. The bidder should submit the following documents to the EdCIL for the payment:</p> <ul style="list-style-type: none"> · Commissioning report signed and stamped from EdCIL and MoETEST as applicable. (The part payment against commissioning can be done in accordance to the progress) <p>Payment % of the Contract Value : 40%</p>	<p>We request to change the payment against successful Commissioning as 20%</p>	<p>No Change in Tender Conditions</p>

9	SRIT India Pvt Ltd	Annexure - XVIII	102	<p>Learner Device Specification Compliance 36. Project Logo</p> <p>1. Non-Scratchable Project LOGO/Information on the back-side of the Tablet. 2. Project LOGO/Information on the Boot Screen on starting of the Tablet.</p> <p>PROTECTIVE CASE: 1. Project LOGO/Information should be embossed on one side of the Protective Case. 2. Project LOGO/Information should be printed on other side of the Protective Case.</p> <p>KEYBOARD: 1. Non-scratchable LOGO/Information printing on the Keyboard</p> <p>HEADSET: 1. Non-scratchable Project LOGO/Information should be printed on the Ear pots.</p>	Request to remove "Project LOGO/Information on the Boot Screen on starting of the Tablet"	No Change in Tender Conditions
10	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	6	Last Date and Time for receipts of Bids	Request to extend the bid submission by 14 days after released of pre-bid queries	Refer Corrigendum
11	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	7	<p>Earnest Money Deposit Rs. 19,00,000/- (Nineteen Lakhs Only) in form of Bank Guarantee from a Nationalised Bank/ Demand Draft. Scanned copy to be uploaded with tender documents and original BG/ DD has to be submitted along with documents as per the Instructions to bidders. In case EMD is submitted in the form of BG, the BG should be valid beyond 90 days after the bid validity date and should be as per Annexure-X</p>	<p>Considering the difficulties faced by the bidders and to facilitate competition in wake of slowdown of the economy due to Covid-19 pandemic, it is hereby decided as per Finance Department notification no 8943 dated 18/03/2021 that no provisions regarding Bid Security / EMD should be kept in the Bid Documents and only provision for "Bid Security Declaration" should be kept.</p> <p>Hence, we humbly request to accept bid security declaration in place of EMD.</p>	No Change in Tender Conditions

12	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	23	<p>4.14 Performance Security</p> <p>i. The successful bidder should be required to deposit Performance Bank Guarantee equivalent to 3% of contract value to EdCIL within 2 weeks from the date of receipt of Work Order. The Performance Bank Guarantee (PBG) should be issued by a Nationalised bank in favor of "EdCIL (India) Limited" to be valid for a period of 90 days beyond the date of completion of Contract period. This Performance Bank Guarantee should be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EdCIL.</p>	<p>Since, supply & commissioning of Hardware shall be completed within 3 months. Hence, we request to amend as following</p> <p>During Hardware Supply Period: PBG should be equal to 3% of "Hardware Cost", after supply and implementation of the Project this BG shall be released and New BG shall be submitted for warranty and AMC Period equivalent to 3% of Annual Maintenance Cost which will be renewed on yearly basis.</p>	No Change in Tender Conditions
13	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	28	<p>5.13 Insurance</p> <p>iii. The successful bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance for all the buffer equipment till the hardware devices are handed over to primary schools of Mauritius on account of replacement.</p>	<p>Since, export will be done by M/s EdCIL to MoEHR, hence as per statutory guidelines either M/s EdCIL or MoEHR can take insurance only.</p> <p>Also, it is requested in case of any incidence during transit, SLA shall not be imposed on the selected bidder and M/s EdCIL will provide full support for the settlement of any claim.</p>	No Change in Tender Conditions
14	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	54	<p>7.1 Duration & Timeline:</p>	<p>We request to extend Delivery of Hardware from 8 weeks to 15 weeks.</p> <p>We request to extend commissioning of Hardware from 12 weeks to 20 weeks.</p>	No Change in Tender Conditions
15	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	50	<p>6.2 Pre-Qualification Criteria</p> <p>Criteria 2</p> <p>The Bidder/OEM should have Supplied, Commissioned and Maintained minimum quantity of 30,000 nos. of Tablets/Laptops in India or Globally in any Govt. department/ institutes in the last five years executed as on date of submission of bid.</p> <p>And</p> <p>The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 11,000 nos. of Tablets/Laptops in India or Globally in single project/work order in any Govt. department/ institutes in the last five years executed as on date of submission of bid.</p>	<p>Request to consider the project implemented in last 5 Financial Years.</p>	Refer Corrigendum

16	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	51	<p>6.2 Pre-Qualification Criteria Criteria 4 - The bidder should possess ISO 9001 , ISO 20000, ISO 27001 as on the date of submission of bid.</p>	Request to remove the criteria of ISO 20000, this will allow wide participations.	Refer Corrigendum.
17	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	51	<p>6.2 Pre-Qualification Criteria Criteria 6: Mandatory Undertaking As on Date, the bidder should: • Not be insolvent • Not have been convicted of any criminal offence. • Not Have been blacklisted by any Central Government/ State Government/PSU/Government Bodies/Autonomous Bodies/Private Sector</p>	Request to consider either on Non-Judicial Stamp paper or Letter Head of Company.	No Change in Tender Conditions
18	KELLTON TECH SOLUTIONS SLIMITED	Technical Bid	52	<p>6.2 Pre-Qualification Criteria Criteria 8:The Authorized Signatory signing the Bid on behalf of the Bidder - should have the Power of Attorney duly authorized by the Board of Directors to sign the Bid.</p>	Request to consider either Power of Attorney or Board Resolution towards Authorization	Refer Corrigendum.
19	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	4.11	20	<p>Earnest Money Deposit (EMD) The bidder should enclose EMD of Rs. 19,00,000/- (Rupees Nineteen Lakhs only) in the form of Demand Draft drawn in favour of EdCIL (India) Limited and payable at NOIDA from any Nationalised bank valid for 90 days from submission of bid. In case EMD is submitted in the form of BG, the BG should be valid beyond 90 days after the bid validity date and should be as per the Annexure. Bidders registered with MSME and having valid registration certificate issued by NSIC/MSME are exempted for submission of EMD. However, MSMEs are advised to submit their financial solvency certificate issued not earlier than 3 months from the last date of bid submission. The Bid sent without EMD will be considered as UNRESPONSIVE and will not be considered.</p>	Request to exempt from EMD as per the GFR guidelines Ref. No. GFR No. F.9/4/2020-PPD dated: 12-Nov-2020	No Change in Tender Conditions

20	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	4.14	22	<p>i. The successful bidder should be required to deposit Performance Bank Guarantee equivalent to 3% of contract value to EdCIL within 2 weeks from the date of receipt of Work Order. The Performance Bank Guarantee (PBG) should be issued by a Nationalised bank in favor of "EdCIL (India) Limited" to be valid for a period of 90 days beyond the date of completion of Contract period. This Performance Bank Guarantee should be retained throughout the currency of the contract and should be extended by the bidder from time to time, as required by EdCIL.</p>	<p>a. Request to consider the PBG for the Contract value only for 1st year.</p> <p>b. Request to return the PBG of 1st year, after successful completion. And allow the successful bidder to submit fresh PBG @ 3% for the value on the AMC charges for 2nd & 3rd years. Which shall be returned after successful completion of the 3rd year.</p>	No Change in Tender Conditions
21	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	5.1, 5.8	23, 24	<p>5.1 EdCIL (India) Limited has been entrusted by the Ministry of Education, Tertiary Education, Science and Technology (MoETEST), Republic of Mauritius for implementation of the Early Digital Learning Programme (EDLP) Project in all grades of primary schools of Mauritius. The EDLP Programme has been successfully implemented for Grades 1 to 4. Further the programme has to be implemented for Grades 5 and 6.</p> <p>5.8 The price quoted by the bidder shall be valid for three (3) years from the date of placement of the first work order.</p>	<p>It is understood that the given price should be valid for (3) years. However, for a better calculation of the optimal pricing, we request you clarify the time taken for placing the second order as per clause 5.7.</p> <p>Due to the current CHINA COVID-19 scenario and recession in the market, it is difficult to get the price confirmation for the longer duration of the commitment, as per the RFP.</p>	No Change in Tender Conditions
22	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	5.16 (V)	28	<p>The successful bidder has to ensure delivery, installation and commissioning of the projectors with mounting kit and its accessories from the warehouse to at the respective school.</p>	<p>Request you to arrange transport for the delivery of the Projectors from the warehouse to the schools, as there is a cost involved in it.</p> <p>Our technical team shall visit the schools and install the projectors at the school level, after the delivery of the projectors at the school level.</p>	No Change in Tender Conditions
23	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	5.17	29	<p>For commissioning of Tablets, Laptops and Charging Cart the successful bidder shall depute at least 15 staffs at the commissioning location in Mauritius.</p>	<p>Request to remove the count of (15) staffs. Please change it to, "required staffs, as the case may be".</p> <p>Hiring manpower in Mauritius is very costly. Post covid and (3) lockdowns due to (3) waves in the year 2020 & 2021, most of the migrant workers in the other fields have left the country. This particular period has created opportunities for reources in Mauritius. Due to very less</p>	No Change in Tender Conditions

					population, there is demand in the market. And cost of manpower increased abnormally i.e., atleast 3 folds compared to pre-covid scenario, due to gap between demand and supply.	
24	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	5.53, 5.54 & 5.55	44	<p>5.53) The successful bidder will be required to maintain the existing support website or shall create a new EDLP support website in consultation with EdCIL and MoETEST as per the requirement. The website should cover operational procedures of equipment, guidelines and dos and donts among others etc.</p> <p>5.54) The successful bidder shall create good quality tutorial videos in consultation with EdCIL to be uploaded on the support website. The support website should be visually appealing and should seek user details for downloading the content uploaded on it.</p> <p>5.55) Before the goods and equipment are taken over by the EdCIL, the Supplier should supply operation and maintenance manuals. These should be in such details as will enable the beneficiaries to operate, maintain, adjust and repair all parts of the works as stated in the specifications. The Manuals should be in the ruling language (English).</p>	<p>In general, OEMs shall provide the User Manuals and Operating Manuals. And Videos prepared by 3rd party are available online for access to the beneficiaries.</p> <p>Kindly, clarify if those would be sufficient to share. As there will be financial implications to develop specific user manuals & videos. And also to develop and publish in the form of a support website.</p> <p>Also please clarify, who is going to bear the cost of hosting the website throughout the contract period. As there is a cost involved it.</p>	Refer Tender Document
25	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	7.1	53	<p>Duration & Timeline: The successful bidder has to complete the task within stipulated time of 3 Months from the date of issuance of LOI/LOA, unless terminated earlier in accordance with the provision of the signed agreement.</p>	<p>Justification for a request to change in the Timelines:</p> <p>(a) Most of the accessories are to be imported from CHINA. And due to the current CHINA Covid-19 situation, it will be difficult to meet the timelines.</p> <p>(b) During the Import & Export of the equipment as well, due to current changes/trends in Air/Sea Cargo handling mechanism, it is difficult to obtain the space. And there is an unwarranted delay at connecting ports, post Covid.</p>	No Change in Tender Conditions

					Request to Change "Pre-Dispatch Inspection" to T+6 weeks, based on the above facts. Request to change Timelines to (18) weeks, on the above grounds.	
26	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	7.2	53	<p>1. Payment shall be released after Satisfactory Pre Dispatch Inspection of equipment by PDI Committee and submission of signed and stamped inspection report to EdCIL as per the entire satisfaction of the client. Payment will be made if items are found in good condition as per term and conditions mentioned in the RFP. The bidder should submit the following documents to the EdCIL for the payment:</p> <ul style="list-style-type: none"> · 2 Copies of the tax invoice showing contract number, goods description, quantity unit price, total amount. · PDI Certificate issued by the nominated inspection committee (signed and stamped) as applicable. · Valid document as proof of dispatch of materials to Mauritius. <p>Payment % of the Contract Value : 20%</p>	Request to change the milestone to 30% In general, this is the payment clause followed in most tenders.	No Change in Tender Conditions
27	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	7.2	54	<p>Payment shall be released after successful delivery of all hardware items in Mauritius and submission of all delivery certificate signed and stamped by authorized representative of MoETEST and EdCIL as per term and conditions mentioned in the RFP. The bidder should submit the following documents to the EdCIL for the payment:</p> <ul style="list-style-type: none"> · Delivery report signed and stamped from EdCIL and MoETEST as applicable. · Insurance Certificate. · Manufacturer's/ Supplier's warranty certificate. <p>(The part payment against delivery can be</p>	Request to change the milestone to 40% In general, this is the payment clause followed in most tenders.	No Change in Tender Conditions

				done in accordance to the progress) Payment % of the Contract Value : 30%		
28	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	7.2	54	<p>Payment shall be released after successful commissioning and handing over of all hardware items at school level in Mauritius. The bidder should submit the following documents to the EdCIL for the payment:</p> <ul style="list-style-type: none"> · Commissioning report signed and stamped from EdCIL and MoETEST as applicable. (The part payment against commissioning can be done in accordance to the progress) <p>Payment % of the Contract Value : 40%</p>	<p>Request to change the milestone to 20%</p> <p>In general, this is the payment clause followed in most tenders.</p>	No Change in Tender Conditions
29	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	8.28	64	<p>Foreign Exchange Variation:</p> <p>EdCIL will consider base exchange rate for substantial hardware quantities intended for import by the bidder for the project for ascertaining the foreign exchange variation (ERV) risk. The exchange rate as per RBI for USD on the date of bid submission will be considered for reference purpose.</p> <p>In case of variation in foreign exchange rate in the range of -5% to +5% the quoted price by the successful bidder will remain same during entire duration of contract. However, if there is variation in foreign exchange rate beyond -5% to +5% during the contract period then the price would be re-discussed for mitigating ERV factor for any downward/upward trend at the time of any additional work order beyond committed quantities defined in clause 5.6.</p>	<p>Request to change the ERV to -2.5% to +2.5%, as per the "Guidelines of Protection of Exchange Rate Variation in Contracts"</p>	No Change in Tender Conditions

30	AKSHARA ENTERPRISES INDIA PRIVATE LIMITED	Form1 Financial Bid	4	In terms of relevant MoU between entered into EdCIL and MoETEST, the Govt. of Mauritius has agreed to waive off or pay all the related domestic statutory taxes, port duties, levies and charges during the implementation of the project. Hence the price quoted should not include these taxes and the same will not be considered for inter-se merit and evaluation purpose.	It is understood, the Taxes & Duties at the import point in Mauritius will be borne by the Government of Mauritius. However, apart from the above taxes and duties, there are other financial implications viz., Demurrage charges, Clearing & Handling Charges, Brokerage Charges, Documentation Charges, Handling Fees, MNS Fees, Verification Fees, Transportation Charges from the Air/Sea Cargo to the designated commissioning site. Request you to clarify if the above-said charges would be covered under "Charges during the implementation of the project"	Refer Tender Document
31	Dell International Services India Private Limited	Annexure XVIII EQUIPMENT SPECIFICATION COMPLIANCE	113	Laptop Bag / Carry Case:100% Polyester Minimum of 24L capacity Minimum of (2) compartments Ventilated back mesh padding with padded shoulder straps The padded compartment should fit the proposed Laptop Adjustable shoulders Laptop compartment has velcro closure Name Tag/Holder to be stitched on the Laptop Bag	Request kindly change capacity to 20L. We have backpacks with 20L capacity that can house proposed Notebooks. Aslo request kindly remove the clause " Name Tag/Holder to be stitched on the Laptop Bag" None of Dell Branded Backpacks offer the same	No Change in Tender Conditions
32	Dell International Services India Private Limited	Annexure XVIII EQUIPMENT SPECIFICATION COMPLIANCE	111	Internal Hard Disk - Min 1 TB	Request you to kindly change Specifications to 256 GB SSD + 1 TB HDD Operating Systems & Applications installed have become more demanding and system will face performance issues with HDD set as boot drive.	Refer Corrigendum
33	Dell International Services India Private Limited	Annexure XVIII EQUIPMENT SPECIFICATION COMPLIANCE	111/12	ANTIVIRUS AND ANTISPYWARE	While there is mention of Anti-Virus Solutions. We recommend the Below the OS Security be also by incorporating Hardware TPM 2.0	Refer Corrigendum
34	Dell International Services India Private Limited	Annexure XVIII EQUIPMENT SPECIFICATION COMPLIANCE	111	3. INPUT DEVICES	Request to add Spill Resistant Keyboard to the Speciiications since these machines will be used in Classrooms. The Spill-resistant Keyboard gives users enough time to save their data and shut down their notebook in the event of an accidental spill. This allows them to save valuable data as well as ensure that the liquid is not contacting running components.	No Change in Tender Conditions

35	Instant Procurement Services Pvt Ltd	CHAPTERVI Eligibility and Bid Evaluation	49	The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 11,000 nos. of Tablets/Laptops in India or Globally in single project/work order in any Govt. department/institutes in the last five years executed as on date of submission of bid.	The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 9,000 nos. of Tablets/Smartphones/Laptops in India or Globally in single project/work order in any Govt. department/institute in the last five years executed as on date of submission of bid.	No Change in Tender Conditions
36	Instant Procurement Services Pvt Ltd	CHAPTERVI Eligibility and Bid Evaluation	50	For MSME/Startup The Bidder should have an average annual turnover of at least INR 80 Crores from IT/ITES services in similar nature of works during the last three financial years, i.e., 2019-20, 2020-21 & 2021-22, with net profit and positive net worth.	For MSME/Startup The Bidder should have an average annual turnover of at least INR 40 Crores during the last three financial years i.e. 2019-20, 2020-21 & 2021-22 with net profit and positive net-worth.	No Change in Tender Conditions
37	Instant Procurement Services Pvt Ltd	CHAPTERVI Eligibility and Bid Evaluation	50	The Bidder should have an average annual turnover of at least INR 100 Crores from IT/ ITES services in similar nature of works during the last three financial years i.e. 2019-20, 2020-21 & 2021-22 with net profit and positive net worth.	The Bidder should have an average annual turnover of at least INR 50 Crores during the last three financial years i.e. 2019-20, 2020-21 & 2021-22 with net profit and positive net-worth.	No Change. Refer Tender Document

Corrigendum 01

NIT No- EdCIL/DES/Mauritius/EDLP/2023/01

Name: Selection of System Integrator for Supply, Commissioning of IT Hardware and Software Applications along with Maintenance Support Services for Primary Schools located in Republic of Mauritius

1. Pre-Qualification Criteria

S. No.	Pre- Qualification Criteria	Revised Pre-Qualification Criteria	Supporting Documents
2.	<p>The Bidder/OEM should have Supplied, Commissioned and Maintained minimum quantity of 30,000 nos. of Tablets/Laptops in India or Globally in any Govt. department/ institutes in the last five years executed as on date of submission of bid.</p> <p>And</p> <p>The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 11,000 nos. of Tablets/Laptops in India or Globally in single project/work order in any Govt. department/ institutes in the last five years executed as on date of submission of bid.</p>	<p>The Bidder/OEM should have Supplied, Commissioned and Maintained minimum quantity of 30,000 nos. of Tablets/Laptops in India or Globally in any Govt. department/ institutes in the last five financial years (till FY 2021-22) executed as on date of submission of bid.</p> <p>And</p> <p>The Bidder should have Supplied, Commissioned and Maintained minimum quantity of 11,000 nos. of Tablets/Laptops in India or Globally in single project/work order in any Govt. department/ institutes in the last five financial years (till FY 2021-22) executed as on date of submission of bid.</p>	<ul style="list-style-type: none"> • Work Order/Certificate/E mail Confirmation from client. <li style="text-align: center;">OR • Work Order/Certificate/E mail from the client showcasing that supply and commissioning of tablets for ongoing projects
4.	<p>The bidder should possess ISO 9001 , ISO 20000, ISO 27001 as on the date of submission of bid.</p>	<p>The bidder should possess ISO 9001 , ISO 27001 as on the date of submission of bid.</p>	<ul style="list-style-type: none"> • Copy of the valid ISO Certificate issued from the accreditation organization to be submitted as documentary proof.
8.	<p>The Authorized Signatory signing the Bid on behalf of the Bidder - should have the Power of Attorney duly authorized by the Board of Directors to sign the Bid.</p>	<p>The Authorized Signatory signing the Bid on behalf of the Bidder - should have the Power of Attorney/Board Resolution duly authorized by the Board of Directors to sign the Bid.</p>	<ul style="list-style-type: none"> • Power of attorney shall be submitted in prescribed format on Non-Judicial stamp paper of value INR100/- (Rupees)

			One Hundred Only) OR • Board Resolution Copy
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Note: All other Pre-Qualification Criteria remains unchanged.

2. Technical Specification

S.No.	Annexure	Revised
1.	Annexure XVIII Equipment Specification Compliance for Teacher Device	Refer Revised Annexure 1 of Corrigendum-01 for Revised Equipment Specification Compliance for Teacher Device
2.	Annexure XIX Equipment Pre-Dispatch Inspection for Teacher Device	Refer Revised Annexure 2 of Corrigendum-01 for Revised Equipment Pre-Dispatch Inspection for Teacher Device

The revised date and time of the RFP will be as follows:

Event Description	Date and Time	Revised Date and Time
Document Download End Date and Time	25 January 2023 at 14:30 Hrs	30 January 2023 at 14:30 Hrs
Last Date and Time for receipt of Bids	25 January 2023 at 15:00 Hrs	30 January 2023 at 15:00 Hrs
Date and Time of Opening of Technical Bids	25 January 2023 at 16:00 Hrs	30 January 2023 at 16:00 Hrs

Rest all other terms & conditions of the tender will remain same.

Sd/-
Chief General Manager (DES)
EdCIL (India) Ltd

Equipment Specification Compliance**Projector Specification Compliance**

S.No	Technical Specification Required	Bidder's Proposed Specifications	Compliance of Specification
1	Make & Model		
2	Display type	Short-throw DLP or better	
3	Brightness (ANSI lumens)	Minimum 3600 ANSI	
4	Native resolution (Horizontal x	Minimum 1280 x800WXGA	
5	Contrast Ratio	22000:1	
6	Wireless connectivity	<p>The projector should be able to connect to a tablet/ Laptop through an integrated / External WiFi module with the following minimum configuration/specifications:</p> <p>CPU - Min 1.2 GHz DRAM - Min 512MB NAND – Min 256MB Power - DC 5V/1.5A Supporting OS -</p> <p>a. Windows OS 7 and later with Miracast support b. Mac OS X 10.2 and above with Mirror Screen support c. Android 9 above with Mirror Screen support</p> <p>Mirror Screen - Screen mirroring from mobile devices with Mirror Screen supported OS</p> <p>Frequency Band - 2.4G/5G supported</p> <p>Video Support - Max. 4K@30Hz video decode</p> <p>Output Resolution supported - 1280x720@60Hz/50Hz, 1920x1080@60Hz/50Hz, 4096x2160@30hz & 3840x2160@30Hz</p>	
7	Wired connectivity	Must include standard cabling and accessories for set up	
8	Resolution Supported	VGA (640 x 480) to WUXGA (1920 x 1200)	

9	Selectable Aspect Ratio	16:10;16:9;4:3;Auto;Real		
10	Display Color	1.07 Billion or better		
11	Lamp type (metal halide, etc.)			
12	Lamp power (in watts)			
13	Lamp user replaceable (Yes/No)			
14	Throw Ratio	0.49 or better		
15	Screen Coverage			
16	Remote Control			
17	Computer/Laptop/Tablet Compatibility			
18	Video Compatibility (NTSC, PAL, SECAM)			
19	3D Compatibility	Frame Sequential; Frame Packing; Side by Side;Top Bottom		
20	Stereo Sound System			
21	HDMI	Min (x2),HDMI-1 (1.4a/HDCP1.4)		
22	Audio in/out (3.5mm Mini Jack)	2		
23	USB Type A and Type B	1 each		
24	Speaker	Should have inbuilt speaker of minimum 10 W x 1 RMS		
25	Wall Mounted and relevant standard accessories (Extensible Rod and other fixtures for ceiling mounting)	The base and arm have to be robust to avoid the projector bending. There should be the provision of tilting of the projector and cutout for cable management. The Wall mount should have the minimum following specifications: Length expandable: 2.5Ft to 4.5Ft Max. Load Capacity: 10Kgs Outer & Inner Tube: Minimum of 18 Guage CR Tube Sheet metal: Minimum of 16 Guage CR Sheet Product Weight: Minimum of 2.5Kgs		
26	Dimensions (L*W*H)			
27	Weight			
28	Power Supply	Input voltage – 230 V +/- 6%. Single power for complete projector and		

29	HDMI Cable	HDMI Cable with the following minimum specifications: Length: Minimum 7.5 Mtrs Support: Minimum 1080P - 4K @ 30Hz Bandwidth: Minimum 10.2 Gb/s		
30	Electrical Connections and Accessories	British BS 1363 compliant - with Power Cable of Minimum of 3Mtrs in Length		
31	Projector lens			
32	Remote support	Wall support for remote to be fixed		
33	Project Logo	<p>1. The Project LOGO/Information DOME Stickers should be pasted on the Projector.</p> <p>2. The Project LOGO/Information along with the Projector Asset details should be available as an "Asset Information Board" and should be affixed in the classroom during installation.</p> <p>3. A Non-scratchable Project LOGO/Information to be printed on the Remote Holder (Wall support for remote).</p>		
34	Other Features			

Learner Device Specification Compliance

	Technical Specification Required		Bidder's Proposed Specifications	Compliance of Specification
1	Product End of Life	The proposed Tablet model End of Life should not be less than 2 year from the date of submission of the bid.		
2	Vendors / OEMs should be in TOP 5 list of the Gartner/IDC Report for the last 5 Quarters	Supported documents for the Gartner/IDC last (5) Quarters to be submitted.		
3	Make & Model			
4	Country of Manufacture			
5	Processor	Specify		
6	Processor Core	At least 8		
7	Processor Speed	Minimum 2.0GHz or better		
8	RAM capacity	Min 3GB or more		
9	Mass Storage Capacity (Internal)	Min 32 GB of internal storage or more		
10	Micro SD card slot	The tablet should have Micro SD card slot		
11	Blank Micro SD card	Minimum 64 GB or more		
12	Bluetooth	Version 5.0 or above		
13	WiFi	Need to be compliant with Wi-Fi 802.11 a/b/g/n/ac standards		
14	Support Dual Band	Should support dual band 2.4 GHz and 5 GHz		
15	Security	Ability to be secured with at least WPA/WPA2		
16	Display Technology	Display technology should be IPS/PLS LCD or better		
17	Screen size	10 inches to 12 inches		
18	Screen to body ratio	80% or better		
19	Resolution	Minimum 1920x 1200		
20	Multi-touch based input on screen	Should have multi-touch based input screen		
	Input Device			
21	Ports	At least 1 USB Type-C 2.0 Please Specify other ports		
22	Touchpad	Specify		
23	Battery Capacity (mAh)	Should have minimum 7000 mAh or better		

24	Battery Autonomy (in hours)	Should have minimum 12 hours		
25	Per 100 % charge	Should have minimum 12 hours		
26	Video Streaming at 100 % charge	Should be able to operate for minimum 3 hours		
27	Web Browsing at 100 % charge	Should be able to operate for minimum 5 hours		
28	e-book reading at 100 % charge	Should be able to operate for minimum 6 hours		
29	Built in Speakers	Tablet must have dual built in speakers		
30	Built-in Microphone	Tablet must have built in microphone		
31	Integrated Camera	Minimum Front Camera - 5.0MP & Minimum Rear Camera - 8.0MP with Flash		
32	Headsets (not ear plug type)	Stereo for both right and left channels		
		(not Monaural)		
		Microphone input not needed		
		Wired with standard Braided cable of 60 cm		
		No volume control needed		
		3.5 mm L-Shape jack entry for headset		
		Adjustable headband for students		
		Spongy ear-pots, not on-ear model		
		Single piece plastic housing, use of metal assemblies is not recommended		
		Simple and classic headphone model Branding		
		Project information to be printed on the Headset		
33		Tablet keyboard	The keyboard should not require additional charging	
34	Tablet Charging	It is mandatory to have the tablet along with keyboard can be placed together in rack charger for charging		
35	Serial Number	The serial number should be on the Tablet should be provided by the OEM on the Tablet device & also should		

		visible in the OS settings.		
36	Project Logo	<p>TABLET:</p> <ol style="list-style-type: none"> 1. Non-Scratchable Project LOGO/Information on the back-side of the Tablet. 2. Project LOGO/Information on the Boot Screen on starting of the Tablet. <p>PROTECTIVE CASE:</p> <ol style="list-style-type: none"> 1. Project LOGO/Information should be embossed on one side of the Protective Case. 2. Project LOGO/Information should be printed on other side of the Protective Case. <p>KEYBOARD:</p> <ol style="list-style-type: none"> 1. Non-scratchable LOGO/Information printing on the Keyboard <p>HEADSET:</p> <ol style="list-style-type: none"> 1. Non-scratchable Project LOGO/Information should be printed on the Ear pots. 		
37	Operating System	<p>Latest compatible version of any of the following: Android/iOS/Windows</p> <p>In case of Windows, MOETEST will provide licenses. (Please refer to Shape the Future letter of eligibility for MOETEST)</p>		
38	Documentation language for softwares and user manuals	English		
39	Antivirus with Antimalware features	The proposed licenses for antivirus with antimalware features should be valid for 3 years from the date of commissioning. This should be supported by documentary evidence.		
40	Browser	Must have free version of browser pre-installed in the tablet		
41	Classroom Management Software	<p>CMS Mandatory (even if open source)</p> <p>CMS need to be pre-loaded at</p>		

		<p>no additional cost for the next 3 years.</p> <p>The CMS will integrate the following features.</p> <ul style="list-style-type: none"> - The CMS will provide the option to create three types of assessments namely, a. SUBJECTIVE, b. TRUE FALSE, & c. MULTIPLE CHOICE Questions. - The CMS will provide the facility to integrate the type of fonts for Languages as per the fonts suggested by MoETEST. - The CMS will provide the option to upload additional resources by the Teachers and share them with respective students. - The CMS will provide analytics reports to the Teachers to track the student learning hours, and assessment-related activities. - The CMS will provide a feature to push schedule-based assessments to the learner's device 		
42	Preloaded Applications	<p>The following indicative applications to be pre-loaded</p> <ol style="list-style-type: none"> 1. PDF Reader 2. ePub Reader 3. basic drawing tool 4. Scratch Junior 5. Scratch 3.0 6. Open Office 7. File Explorer 8. Windows movie maker <p>if OS is Windows or similar alternatives on other OS</p>		
		All the above software need to be free, for which no further license will be required		
43	Learning Content	Each tablet need to be pre-loaded with learning content. Subsequent updates should be offline or online. Contents		

		will be made available for upload from a centralized site. The learning content will be provided by MOETEST.		
44	Content Update	Offline or Centralised cloud-based automatic updates		
45	Drop Resistance	The Tablet excluding the cover should be drop resistant (Documentary evidence to be submitted from the Bidder/ OEM of the product as per the certified abstract of the technical manual of OEM/ 3rd party testing agency)		
46	Water Resistance	The Tablet Computer should be water resistant (Documentary evidence to be submitted from the Bidder/ OEM of the product as per the certified abstract of the technical manual of OEM/ 3rd party testing agency)		
47	Tablet Stand	The tablet should be provided with the ability to be positioned Horizontally on a table. This can be through an external or internal component.		
48	Shock Proof Protection	The device should be ruggedized as integral component or as separate external component (cover). The protective cover should be custom made for the proposed Tablet. Project Logo: 1. Logo/information should be embossed on one side of the Protective Case.		

		2. Logo/information should be printed on other side of the Protective Case.		
49	Device Charging	Charging of device should be feasible with any cover on the Charging Cart/Cabinet.		
50	Screen Protection	There should be tamper proof glass on tablet screen with the following minimum specifications: Thickness: minimum of 0.3mm Hardness: minimum of 9H		
51	ISO 9001 :2008 certification	The tablet should comply with ISO 9001:2008 certification.		
52	Electrical Standards	Should be compliant with British BS 1363		
53	EPEAT Registration			
54	Energy Star rating			
55	EU Ecolabel compliance	State whether product is compliant with EU Ecolabel. If yes, specify type.		
56	Other certifications	FCC, CE/EU, RoHS, UL, BIS, TÜV Rheinland, Low Blue Light		
57	Other features proposed by supplier			

Tablet Charging Cart Specification Compliance

	Technical Specification Required	Bidder's Proposed Specifications	Compliance of Specification
1	Type	Rack Type Charging Station suitable for charging multiple no. of devices simultaneously	

2	Make & Model			
3	Suitable for charging of Mobile Devices	Tablet		
4	Maximum size of the device that can be accommodated (cm)	26		
5	Number of devices which can be accommodated in the station for charging	20		
6	Number of Charging Socket Outlet	20		
7	Type of Socket outlet	Standard		
8	Rating of the Socket Outlet used	5 Ampere / 6 Ampere		
9	Number of Pins in the Socket Outlet	5		
10	Conformity of the Socket Outlet to IS/BS	IS :1293 / 2005 for Standard		
11	Socket Outlet -ISI Marked (For Standard)	NA for Universal		
12	Socket Outlet -CE Marking (For Universal)	No		
13	Number of Input Plug used to connect with the power	1		
14	Rating of the Input Plug used	15 Ampere / 16 Ampere		
15	Number of the Pins in the Input Plug	3		
16	Conformity of the Input Plug to IS/BS	IS :1293 / 2005 for Standard		
17	Input Plug -ISI Marked (For Standard)	NA for Universal		
18	Input Plug -CE Marking (For Universal)	No		
19	Total Number of Switches used	3		

20	Rating of the Switch used	5 Ampere / 6 Ampere		
21	Conformity of the switches to IS/BS	IS : 3854 / 1997		
22	Switch -ISI Marked	Yes		
23	Length of Power Cord provided (Meters)	1.5		
24	Conformity of Power Cord to IS/BS	BS : 1363		
25	Power Cord -ISI Marked	NA		
26	Power Cord -CE Marked	Yes		
27	Timer to pre define the Auto On-Off of tablets by the user	Yes		
28	Surge Protection through Electrical Circuit (MCB) to protect the device	Yes		
29	Electrical Circuit (MCB) -ISI Marked to IS/IEC 60898-1:2002	Yes		
30	Over Voltage Current Protection	Operating Voltage: 165-260VAC, load Current: upto 28A, Tripping time: >20ms, Surge suppression: upto 4KV, Voltage Containment: 440VAC		
31	Independent Control Switch for each Compartment	Yes		
32	Ventilation provided in the side walls of the enclosure	Yes		
33	Number of Cooling Fans used to exhaust the heat generated during charging of devices	2		
34	Fans Operation	Timer should control fans separately		
35	Earthing Provided	Yes		

36	Power Supply	230 V,AC +/-6%, 50 Hz		
37	Power On LED Indicator	No		
38	Flexible copper cables are used for wiring and connections are conforming to IS/BS (All cables must comply to BS or equivalent standards)	Yes		
39	Enclosure Details			
40	Enclosure Material	Wooden Polymer (Heavy duty)		
41	Thickness of the Enclosure (mm)	12		
42	Number of Compartments in the Rack	2		
43	Maximum Width of Charging compartment (cm)	65		
44	Number of devices can be accommodated in one compartment	10		
45	Device Loading Facility	Front Loading		
46	Door Lock Availability in the Charging Station	Front and Back both With internal and external lock mechanism		
47	Number of Partitions/docks available in each compartment	10		
48	Smooth surface is provided on the base of the Rack for easy travelling of the Device into docks / partitions during charging	Castor wheels with minimum specifications: Total: 4 Wheels Minimum 2 Wheels with Brakes (Front Wheels) Minimum Diameter of 50mm Ruggedly constructed with		

		double ball bearing to take load. Each Wheels should take a minimum load of 35Kgs		
49	Wheels / Casters to be used for easy movement of Charging Rack	Yes (Heavy duty)		
50	Water Proof Enclosure	Yes		
51	Vermin Proof Enclosure in case of Wooden or Wooden Polymer Composite	Yes		
	Miscellaneous			
52	Overall Dimensions (L x W xH) (cm x cm x cm)	610X570X800		
53	Weight (Kilograms)	65 (maximum)		
54	Minimum Operating Temperature (Degree C)	-20		
55	Maximum Operating Temperature (Degree C)	49		
56	Minimum Operating Humidity (%RH)	33		
57	Maximum Operating Humidity (%RH)	85		
58	RoHS Compliance	Specify		
59	Other Certifications available	Specify		
60	Protective Switchgears shall comply to EU Standard or its equivalent.			
61	Cable lugs/terminals and connectors should be of appropriate rating.			
62	Danger notice sign should be fixed on the Cart.			

63	Project Logo	<p>1. The Project LOGO/Information should be printed on the Electrical Panel of the Rack Charger.</p> <p>2. The Project LOGO/Information DOME Stickers should be pasted on the Front Doors of the Rack Charger.</p> <p>3. Electrical Circuit diagram sticker should be available on the inner side of the back door.</p> <p>4. Relevant Electrical & Usage precaution stickers should be available on the Rack Charger.</p>		
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Teacher Device Specifications Compliance

S.No	Technical Specification Required		Bidder's Proposed Specifications	Compliance of Specification
1	Make & Model	Yes and specify		
2	Country of Manufacture	Yes and specify		
3	Vendors / OEMs should be in TOP 5 list of the Gartner/IDC Report for the last 5 Quarters	Supported documents for the Gartner/IDC last (5) Quarters to be submitted.		
	PROCESSOR			
4	Processor	At least Intel Core i5 (12th Generation) (minimum base frequency 1.3 GHz)		
5	Processor Cache	Minimum 12 MB Cache		
6	RAM Capacity	Minimum of 8 GB RAM		
7	RAM expandable to	Minimum 1-DIMM slot to support upto 16 GB		
8	Processor Core	Minimum 10		
	COMMUNICATIONS			
9	- USB port	Minimum 3 (At least 1 USB 3.0 port)		
10	- Ethernet port(10/100/1000 Base T)	Min 1		

11	- WiFi certified wireless LAN card for connectivity to WiFi certified access point (IEEE 802.11n with backward compatibility)	Yes		
12	HDMI Port	Yes		
	INPUT DEVICES			
13	Pointing Device	Yes, Touchpad		
14	Mouse	Yes		
	MASS STORAGE			
15	Internal Hard Disk	Min 256 GB SSD + 1 TB HDD		
16	DVD Writer	Internal/External		
	DISPLAY			
17	- Display	Colour		
18	- Technology (Dual Scan, TFT, ...)	LED or better		
19	- Screen size (inch)	Min 14"		
20	- Battery Autonomy (in hours)	Specify		
	STANDARD SOFTWARE			
21		Licenses for Windows 10 Education will be provided.		
22	The Ministry will provide the successful Bidder with their volume License Key to install Windows 10 Education	Windows Media Kit or Recovery CD or any other acceptable alternative to be provided. Appropriate mechanism to certify genuineness of software to be provided.		
23		Hardware Based TPM 2.0		
24	Microsoft Office 2019 (or Latest) (including Word, Excel, Powerpoint, Outlook,...)	Yes, Preinstalled. Licenses will be provided.		
	ANTIVIRUS AND ANTISPYWARE			
25	Antivirus Software	SOPHOS Antivirus & Antispyware pre-installed with THREE (3) years maintenance and upgrade (Virus definitions and antivirus software) Threat Protection - Anti-Malware, Web Security, URL Filtering, HIPS, Firewall, Active Directory Defence, PUA Blocking, Application Control Advanced Threat Protection - Behaviour		

		Analytics, Root Cause Analysis		
		Endpoint Controls - Application Control, Device & Port Control, Application Vulnerability Management, Data Loss Prevention		
		Device Configuration Management – Windows, Linux		
		Integrations - Patch Management, Threat Intelligence, SIEM, Endpoint Management		
	MULTIMEDIA			
26	- Speakers (in-built)	Yes		
27	- microphone(in-built)	Yes		
28	- Integrated Camera	Yes		
29	- 3.5mm Jack	Headphone / microphone combo jack (3.5mm)		
	CLASSROOM MANAGEMENT SYSTEM			
30	Classroom Management System on Teacher Device	<p>CMS Mandatory (even if open source) CMS need to be pre-loaded at no additional cost for next 3 years. The CMS will integrate the following features.</p> <ul style="list-style-type: none"> - The CMS will provided option to create three types of assessments namely, a. SUBJECTIVE, b. TRUE FALSE, & c. MULTIPLE CHOICE Questions. - The CMS will provide facility to integrate the type of fonts for Languages as per the fonts suggested by MoETEST. - The CMS will provide option to upload additional resources by the Teachers and shared to respective students. - The CMS will provide analytics reports to the Teachers to track the student learning hours, assessment related activities. - The CMS will provide feature to push schedule based assessments to the learner's device - Training need to be provided on the CMS 		
	GREEN IT			
31	Energy Star Compliant	Yes		
32	EPEAT/EU Ecolabel Registered	Yes (If EPEAT, State Level)		

33	Other Features Proposed By Supplier	Yes, Specify		
34	Other certifications	BIS,UL, FCC Compliance		
	MISCELLANEOUS			
35	ISO 9001:2008/ ISO 9001:2015 certification (Non-submission of certificate may entail elimination of the proposal)	Yes		
36	- Carry Case	Laptop Bag / Carry Case: 100% Polyester Minimum of 24L capacity Minimum of (2) compartments Ventilated back mesh padding with padded shoulder straps The padded compartment should fit the proposed Laptop Adjustable shoulders Laptop compartment has velcro closure Name Tag/Holder to be stitched on the Laptop Bag		
37	- Dimensions (W/L/H) (in cm)	Specify		
38	- Weight (in Kg)	Specify		
39	- Electrical connections	British BS 1363		
40	- Project Logo	1. The Project coloured Logo/ Information to be pasted on the Laptop. 2. A non-scratchable coloured Logo/ Information to be printed on the Laptop Bag.		

Annexure II

Equipment Pre-Dispatch Inspection Format

All Test criteria need to be assessed with respect to compliance and the specification submitted by bidder in the proposal. Pre Dispatch Inspection will not pass any item which even if meets the compliance but deviates from the specification submitted by the bidder during proposal submission.

With aforesaid clause, test criteria will imply –

During pre-dispatch inspection, the equipment under test must satisfy both the following conditions

1. Actual result should comply with test criteria
2. Actual result should match with the specification submitted by the bidder as part of the proposal submission

Projector Inspection Form

S.No	Technical Specification Required		Test Criteria (Bidder's Proposed Specs)	Actual Result	Test Outcome (Pass/Fail)
1	Make & Model				
2	Display type	Short-throw DLP or better			
3	Brightness (ANSI	Minimum 3600 ANSI			
4	Native resolution	Minimum 1280 x800WXGA			
5	Contrast Ratio	22000:1			

6	Wireless connectivity	<p>The projector should be able to connect to a tablet/ Laptop through an integrated / External WiFi module with the following minimum configuration/specifications:</p> <p>CPU - Min 1.2 GHz DRAM - Min 512MB NAND – Min 256MB Power - DC 5V/1.5A Supporting OS -</p> <p>a. Windows OS 7 and later with Miracast support b. Mac OS X 10.2 and above with Mirror Screen support c. Android 9 above with Mirror Screen support</p> <p>Mirror Screen - Screen mirroring from mobile devices with Mirror Screen supported OS</p> <p>Frequency Band - 2.4G/5G supported Video Support - Max. 4K@30Hz video decode Output Resolution supported - 1280x720@60Hz/50Hz, 1920x1080@60Hz/50Hz, 4096x2160@30hz & 3840x2160@30Hz</p>			
7	Wired connectivity	Must include standard cabling and accessories for set up			
8	Resolution Supported	VGA (640 x 480) to WUXGA (1920 x 1200)			
9	Selectable Aspect	16:10;16:9;4:3;Auto;Real			
10	Display Color	1.07 Billion or better			
11	Lamp type (metal halide, etc.)				
12	Lamp power (in watts)				
13	Lamp user replaceable (Yes/No)				
14	Throw Ratio	0.49 or better			
15	Screen Coverage				
16	Remote Control				
17	Computer/Laptop/Tablet Compatibility				
18	Video Compatibility (NTSC, PAL, SECAM)				

19	3D Compatibility	Frame Sequential; Frame Packing; Side by Side;Top Bottom			
20	Stereo Sound System				
21	HDMI	Min (x2),HDMI-1 (1.4a/HDCP1.4)			
22	Audio in/out (3.5mm	2			
23	USB Type A and Type	1 each			
24	Speaker	Should have inbuilt speaker of minimum 10 W x 1 RMS			
25	Wall Mounted and relevant standard accessories (Extensible Rod and other fixtures for ceiling mounting)	The base and arm have to be robust to avoid the projector bending. There should be the provision of tilting of the projector and cutout for cable management. The Wall mount should have the minimum following specifications: Length expandable: 2.5Ft to 4.5Ft Max. Load Capacity: 10Kgs Outer & Inner Tube: Minimum of 18 Guage CR Tube Sheet metal: Minimum of 16 Guage CR Sheet Product Weight: Minimum of 2.5Kgs			
26	Dimensions (L*W*H)				
27	Weight				
28	Power Supply	Input voltage – 230 V +/- 6%. Single power for complete projector and			
29	HDMI Cable	HDMI Cable with the following minimum specifications: Length: Minimum 7.5 Mtrs Support: Minimum 1080P - 4K @ 30Hz Bandwidth: Minimum 10.2 Gb/s			
30	Electrical Connections and Accessories	British BS 1363 compliant - with Power Cable of Minimum of 3Mtrs in Length			

31	Projector lens				
32	Remote support	Wall support for remote to be fixed			
33	Project Logo	<p>1. The Project LOGO/Information DOME Stickers should be pasted on the Projector.</p> <p>2. The Project LOGO/Information along with the Projector Asset details should be available as an "Asset Information Board" and should be affixed in the classroom during installation.</p> <p>3. A Non-scratchable Project LOGO/Information to be printed on the Remote Holder (Wall support for remote).</p>			
34	Other Features				

Learner Device Inspection Form

	Technical Specification Required		Test Criteria(Bidder's Proposed Specs)	Actual Result	Test Outcome (Pass/Fail)
1	Product End of Life	The proposed Tablet model End of Life should not be less than 2 year from the date of submission of the bid.			
2	Vendors / OEMs should be in TOP 5 list of the Gartner/IDC Report for the last 5 Quarters	Supported documents for the Gartner/IDC for last (5) Quarters to be submitted.			
3	Make & Model				
4	Country of Manufacture				

5	Processor	Specify			
6	Processor Core	At least 8			
7	Processor Speed	Minimum 2.0GHz or better			
8	RAM capacity	Min 3GB or more			
9	Mass Storage Capacity (Internal)	Min 32 GB of internal storage or more			
10	Micro SD card slot	The tablet should have Micro SD card slot			
11	Blank Micro SD card	Minimum 64 GB or more			
12	Bluetooth	Version 5.0 or above			
13	WiFi	Need to be compliant with Wi-Fi 802.11 a/b/g/n/ac standards			
14	Support Dual Band	Should support dual band 2.4 GHz and 5 GHz			
15	Security	Ability to be secured with at least WPA/WPA2			
16	Display Technology	Display technology should be IPS/PLS LCD or better			
17	Screen size	10 inches to 12 inches			
18	Screen to body ratio	80% or better			
19	Resolution	Minimum 1920x 1200			
20	Multi-touch based input on screen	Should have multi-touch based input screen			
	Input Device				
21	Ports	At least 1 USB Type-C 2.0 Please Specify other ports			
22	Touchpad	Specify			
23	Battery Capacity (mAh)	Should have minimum 7000 mAh or better			
24	Battery Autonomy (in hours)	Should have minimum 12 hours			
25	Per 100 % charge	Should have minimum 12 hours			
26	Video Streaming at 100 % charge	Should be able to operate for minimum 3 hours			
27	Web Browsing at 100 % charge	Should be able to operate for minimum 5 hours			
28	e-book reading at 100 % charge	Should be able to operate for minimum 6 hours			
29	Built in Speakers	Tablet must have dual built in speakers			
30	Built-in Microphone	Tablet must have built in microphone			
31	Integrated Camera	Minimum Front Camera - 5.0MP &			

		Minimum Rear Camera - 8.0MP with Flash			
32	Headsets (not ear plug type)	Stereo for both right and left channels (not Monaural) Microphone input not needed Wired with standard Braided cable of 60 cm No volume control needed 3.5 mm L-Shape jack entry for headset Adjustable headband for students Spongy ear-pots, not on-ear model Single piece plastic housing, use of metal assemblies is not recommended Simple and classic headphone model Branding Project information to be printed on the Headset			
33	Tablet keyboard	The keyboard should not require additional charging			
34	Tablet Charging	It is mandatory to have the tablet along with keyboard can be placed together in rack charger for charging			
35	Serial Number	The serial number should be on the Tablet should be provided by the OEM on the Tablet device & also should visible in the OS settings.			
36	Project Logo	TABLET: 1. Non-Scratchable Project LOGO/Information on the back-side of the Tablet. 2.Project LOGO/Information on the Boot Screen on starting of the Tablet. PROTECTIVE CASE: 1.ProjectLOGO/Information should be embossed on one side of the Protective Case. 2.ProjectLOGO/Information should be printed on other			

		<p>side of the Protective Case.</p> <p>KEYBOARD:</p> <p>1. Non-scratchable LOGO/Information printing on the Keyboard</p> <p>HEADSET:</p> <p>1. Non-scratchable Project LOGO/Information should be printed on the Ear pots.</p>			
37	Operating System	<p>Latest compatible version of any of the following: Android/iOS/Windows</p> <p>In case of Windows, MOETEST will provide licenses. (Please refer to Shape the Future letter of eligibility for MOETEST)</p>			
38	Documentation language for softwares and user manuals	English			
39	Antivirus with Antimalware features	The proposed licenses for antivirus with antimalware features should be valid for 3 years from the date of commissioning. This should be supported by documentary evidence.			
40	Browser	Must have free version of browser pre-installed in the tablet			
41	Classroom Management Software	<p>CMS Mandatory (even if open source)</p> <p>CMS need to be pre-loaded at no additional cost for the next 3 years.</p> <p>The CMS will integrate the following features.</p> <ul style="list-style-type: none"> - The CMS will provide the option to create three types of assessments namely, a. SUBJECTIVE, b. TRUE FALSE, & c. MULTIPLE CHOICE Questions. - The CMS will provide the facility to integrate the type of fonts for Languages as per the fonts suggested by 			

		<p>MoETEST.</p> <ul style="list-style-type: none"> - The CMS will provide the option to upload additional resources by the Teachers and share them with respective students. - The CMS will provide analytics reports to the Teachers to track the student learning hours, and assessment-related activities. - The CMS will provide a feature to push schedule-based assessments to the learner's device 			
42	Preloaded Applications	<p>The following indicative applications to be pre-loaded</p> <ol style="list-style-type: none"> 1. PDF Reader 2. ePub Reader 3. basic drawing tool 4. Scratch Junior 5. Scratch 3.0 6. Open Office 7. File Explorer 8. Windows movie maker <p>if OS is Windows or similar alternatives on other OS</p>			
		<p>All the above software need to be free, for which no further license will be required</p>			
43	Learning Content	<p>Each tablet need to be pre-loaded with learning content. Subsequent updates should be offline or online. Contents will be made available for upload from a centralized site.</p> <p>The learning content will be provided by MOETEST.</p>			
44	Content Update	<p>Offline or Centralised cloud-based automatic updates</p>			
45	Drop Resistance	<p>The Tablet excluding the cover should be drop resistant (Documentary evidence to be submitted from the Bidder/ OEM of the</p>			

		product as per the certified abstract of the technical manual of OEM/ 3rd party testing agency)			
46	Water Resistance	The Tablet Computer should be water resistant (Documentary evidence to be submitted from the Bidder/ OEM of the product as per the certified abstract of the technical manual of OEM/ 3rd party testing agency)			
47	Tablet Stand	The tablet should be provided with the ability to be positioned Horizontally on a table. This can be through an external or internal component.			
48	Shock Proof Protection	<p>The device should be ruggedized as integral component or as separate external component (cover).</p> <p>The protective cover should be custom made for the proposed Tablet.</p> <p>Project Logo:</p> <ol style="list-style-type: none"> 1. Logo/information should be embossed on one side of the Protective Case. 2. Logo/information should be printed on other side of the Protective Case. 			
49	Device Charging	Charging of device should be feasible with any cover on the Charging Cart/Cabinet.			
50	Screen Protection	There should be tamper proof glass on tablet screen with the following minimum			

		specifications: Thickness: minimum of 0.3mm Hardness: minimum of 9H			
51	ISO 9001 :2008 certification	The tablet should comply with ISO 9001:2008 certification.			
52	Electrical Standards	Should be compliant with British BS 1363			
53	EPEAT Registration				
54	Energy Star rating				
55	EU Ecolabel compliance	State whether product is compliant with EU Ecolabel. If yes, specify type.			
56	Other certifications	FCC, CE/EU, RoHS, UL, BIS, TÜV Rheinland, Low Blue Light			
57	Other features proposed by supplier				

Tablet Charging Cart Inspection Form

	Technical Specification Required		Test Criteria(Bidder's Proposed Specs)	Actual Result	Test Outcome (Pass/Fail)
1	Type	Rack Type Charging Station suitable for charging multiple no. of devices simultaneously			
2	Make & Model				
3	Suitable for charging of Mobile Devices	Tablet			
4	Maximum size of the device that can be accommodated (cm)	26			

5	Number of devices which can be accommodated in the station for charging	20			
6	Number of Charging Socket Outlet	20			
7	Type of Socket outlet	Standard			
8	Rating of the Socket Outlet used	5 Ampere / 6 Ampere			
9	Number of Pins in the Socket Outlet	5			
10	Conformity of the Socket Outlet to IS/BS	IS :1293 / 2005 for Standard			
11	Socket Outlet -ISI Marked (For Standard)	NA for Universal			
12	Socket Outlet -CE Marking (For Universal)	No			
13	Number of Input Plug used to connect with the power	1			
14	Rating of the Input Plug used	15 Ampere / 16 Ampere			
15	Number of the Pins in the Input Plug	3			
16	Conformity of the Input Plug to IS/BS	IS :1293 / 2005 for Standard			
17	Input Plug -ISI Marked (For Standard)	NA for Universal			
18	Input Plug -CE Marking (For Universal)	No			
19	Total Number of Switches used	3			
20	Rating of the Switch used	5 Ampere / 6 Ampere			

21	Conformity of the switches to IS/BS	IS : 3854 / 1997			
22	Switch -ISI Marked	Yes			
23	Length of Power Cord provided (Meters)	1.5			
24	Conformity of Power Cord to IS/BS	BS : 1363			
25	Power Cord -ISI Marked	NA			
26	Power Cord -CE Marked	Yes			
27	Timer to pre define the Auto On-Off of tablets by the user	Yes			
28	Surge Protection through Electrical Circuit (MCB) to protect the device	Yes			
29	Electrical Circuit (MCB) -ISI Marked to IS/IEC 60898-1:2002	Yes			
30	Over Voltage Current Protection	Operating Voltage: 165-260VAC, load Current: upto 28A, Triping time: >20ms, Surge supression: upto 4KV, Voltage Containment: 440VAC			
31	Independent Control Switch for each Compartment	Yes			
32	Ventilation provided in the side walls of the enclosure	Yes			
33	Number of Cooling Fans used to exhaust the heat generated during charging of devices	2			

34	Fans Operation	Timer should control fans separately			
35	Earthing Provided	Yes			
36	Power Supply	230 V,AC +/-6%, 50 Hz			
37	Power On LED Indicator	No			
38	Flexible copper cables are used for wiring and connections are conforming to IS/BS (All cables must comply to BS or equivalent standards)	Yes			
39	Enclosure Details				
40	Enclosure Material	Wooden Polymer (Heavy duty)			
41	Thickness of the Enclosure (mm)	12			
42	Number of Compartments in the Rack	2			
43	Maximum Width of Charging compartment (cm)	65			
44	Number of devices can be accommodated in one compartment	10			
45	Device Loading Facility	Front Loading			
46	Door Lock Availability in the Charging Station	Front and Back both With internal and external lock mechanism			
47	Number of Partitions/docks available in each compartment	10			

48	Smooth surface is provided on the base of the Rack for easy travelling of the Device into docks / partitions during charging	<p>Castor wheels with minimum specifications:</p> <p>Total: 4 Wheels</p> <p>Minimum 2 Wheels with Brakes (Front Wheels)</p> <p>Minimum Diameter of 50mm</p> <p>Ruggedly constructed with double ball bearing to take load.</p> <p>Each Wheels should take a minimum load of 35Kgs</p>			
49	Wheels / Casters to be used for easy movement of Charging Rack	Yes (Heavy duty)			
50	Water Proof Enclosure	Yes			
51	Vermin Proof Enclosure in case of Wooden or Wooden Polymer Composite	Yes			
	Miscellaneous				
52	Overall Dimensions (L x W xH) (cm x cm x cm)	610X570X800			
53	Weight (Kilograms)	65 (maximum)			
54	Minimum Operating Temperature (Degree C)	-20			
55	Maximum Operating Temperature (Degree C)	49			
56	Minimum Operating Humidity (%RH)	33			

57	Maximum Operating Humidity (%RH)	85			
58	RoHS Compliance	Specify			
59	Other Certifications available	Specify			
60	Protective Switchgears shall comply to EU Standard or its equivalent.				
61	Cable lugs/terminals and connectors should be of appropriate rating.				
62	Danger notice sign should be fixed on the Cart.				
63	Project Logo	<p>1. The Project LOGO/Information should be printed on the Electrical Panel of the Rack Charger.</p> <p>2. The Project LOGO/Information DOME Stickers should be pasted on the Front Doors of the Rack Charger.</p> <p>3. Electrical Circuit diagram sticker should be available on the inner side of the back door.</p> <p>4. Relevant Electrical & Usage precaution stickers should be available on the Rack Charger.</p>			

Teacher Device Inspection Form

S.No	Technical Specification Required		Test Criteria(Bidder's Proposed Specs)	Actual Result	Test Outcome (Pass/Fail)
1	Make & Model	Yes and specify			
2	Country of Manufacture	Yes and specify			
3	Vendors / OEMs should be in TOP 5 list of the Gartner/IDC Report for the last 5 Quarters	Supported documents for the Gartner/IDC last (5) Quarters to be submitted.			
PROCESSOR					
4	Processor	At least Intel Core i5 (12th Generation) (minimum base frequency 1.3 GHz)			
5	Processor Cache	Minimum 12 MB Cache			
6	RAM Capacity	Minimum of 8 GB RAM			
7	RAM expandable to	Minimum 1-DIMM slot to support upto 16 GB			
8	Processor Core	Minimum 10			
COMMUNICATIONS					
9	- USB port	Minimum 3 (At least 1 USB 3.0 port)			
10	- Ethernet port(10/100/1000 Base T)	Min 1			
11	- WiFi certified wireless LAN card for connectivity to WiFi certified access point (IEEE 802.11n with backward compatibility)	Yes			
12	HDMI Port	Yes			
INPUT DEVICES					
13	Pointing Device	Yes, Touchpad			
14	Mouse	Yes			
MASS STORAGE					
15	Internal Hard Disk	Min 256 GB SSD + 1 TB HDD			
16	DVD Writer	Internal/External			
DISPLAY					
17	- Display	Colour			
18	- Technology (Dual Scan, TFT, ...)	LED or better			
19	- Screen size (inch)	Min 14"			

20	- Battery Autonomy (in hours)	Specify			
	STANDARD SOFTWARE				
21		Licenses for Windows 10 Education will be provided.			
22	The Ministry will provide the successful Bidder with their volume License Key to install Windows 10 Education	Windows Media Kit or Recovery CD or any other acceptable alternative to be provided. Appropriate mechanism to certify genuineness of software to be provided.			
23		Hardware Based TPM 2.0			
24	Microsoft Office 2019 (or Latest) (including Word, Excel, Powerpoint, Outlook,...)	Yes, Preinstalled. Licenses will be provided.			
	ANTIVIRUS AND ANTISPYWARE				
25	Antivirus Software	SOPHOS Antivirus & Antispyware pre-installed with THREE (3) years maintenance and upgrade (Virus definitions and antivirus software) Threat Protection - Anti-Malware, Web Security, URL Filtering, HIPS, Firewall, Active Directory Defence, PUA Blocking, Application Control Advanced Threat Protection - Behaviour Analytics, Root Cause Analysis Endpoint Controls - Application Control, Device & Port Control, Application Vulnerability Management, Data Loss Prevention Device Configuration Management – Windows, Linux Integrations - Patch Management, Threat Intelligence, SIEM, Endpoint Management			
	MULTIMEDIA				

26	- Speakers (in-built)	Yes			
27	- microphone(in-built)	Yes			
28	- Integrated Camera	Yes			
29	- 3.5mm Jack	Headphone / microphone combo jack (3.5mm)			
	CLASSROOM MANAGEMENT SYSTEM				
30	Classroom Management System on Teacher Device	<p>CMS Mandatory (even if open source)</p> <p>CMS need to be pre-loaded at no additional cost for next 3 years.</p> <p>The CMS will integrate the following features.</p> <ul style="list-style-type: none"> - The CMS will provided option to create three types of assessments namely, a. SUBJECTIVE, b. TRUE FALSE, & c. MULTIPLE CHOICE Questions. - The CMS will provide facility to integrate the type of fonts for Languages as per the fonts suggested by MoETEST. - The CMS will provide option to upload additional resources by the Teachers and shared to respective students. - The CMS will provide analytics reports to the Teachers to track the student learning hours, assessment related activities. - The CMS will provide feature to push schedule based assessments to the learner's device - Training need to be provided on the CMS 			
	GREEN IT				
31	Energy Star Compliant	Yes			
32	EPEAT/EU Ecolabel Registered	Yes (If EPEAT, State Level)			
33	Other Features Proposed By Supplier	Yes, Specify			
34	Other certifications	BIS,UL, FCC Compliance			
	MISCELLANEOUS				
35	ISO 9001:2008/ ISO 9001:2015 certification	Yes			

	(Non-submission of certificate may entail elimination of the proposal)				
36	- Carry Case	<p>Laptop Bag / Carry Case:</p> <p>100% Polyester Minimum of 24L capacity Minimum of (2) compartments Ventilated back mesh padding with padded shoulder straps The padded compartment should fit the proposed Laptop Adjustable shoulders Laptop compartment has velcro closure Name Tag/Holder to be stitched on the Laptop Bag</p>			
37	- Dimensions (W/L/H) (in cm)	Specify			
38	- Weight (in Kg)	Specify			
39	- Electrical connections	British BS 1363			
40	- Project Logo	<p>1. The Projector coloured Logo/ Information to be pasted on the Laptop.</p> <p>2. A non-scratchable coloured Logo/ Information to be printed on the Laptop Bag.</p>			