

**Pre-bid Query Response**

S.N.	Organization	Chapter No.	Page No.	Clause as per RFP	Clarification Sought	Pre-bid Query Response
1	KELLTON TECH SOLUTIONS LIMITED	Technical Bid	5	Last Date and Time for receipts of Bids	Request to extend the bid submission by 14days after release of pre-bid queries	No Change in tender conditions
2	KELLTON TECH SOLUTIONS LIMITED	Technical Bid	21	4.8 Performance Security - The successful bidder should be required to deposit Performance Bank Guarantee equivalent to 10% of contract value to EdCIL	<p>Since, supply &amp; 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 10% 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 10% of Annual Maintenance Cost which will be renewed on yearly basis.</p>	No Change in tender conditions
3	KELLTON TECH SOLUTIONS LIMITED	Technical Bid	26	5.10. Insurance & Transportation I. The selected Bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance for all the equipment till the delivery and commissioning at the respective delivery warehouses and primary school in Mauritius.	<p>Since, export will be done by M/s EdCIL to MoEHR, as per statutory guidelines Insurance shall be taken by either Exporter (M/s EdCIL) or its consignee (MoEHR) only. In case of any claim the bidder shall be allowed to proceed with the balance materials and complete the project with short supply. Payments shall be made for the full supplies and EDCIL can recover the amounts from the bidder post insurance settlements.</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

4	KELLTON TECH SOLUTIONS LIMITED	Technical Bid	33	B) Delivery Schedule	We request to extend Delivery and Commissioning of Hardware from 10 weeks to 24 week. Timelines of 10 week is very short, since it is a cross border deployment and has various interdependency on many stakeholders.	No Change in tender conditions
5	KELLTON TECH SOLUTIONS LIMITED	Technical Bid	51	8.28 Price Negotiation According, to the market scenario the price would be re-negotiated for exploring downward revision and reasonability of the rates as per the normal trend in electronics industry while placement of subsequent work order.	We request M/s EdCIL to revisit this clause, Since the Current trend in hardware/ electronic goods / product models life cycle is becoming very short being replaced with higher and updated models frequently hence keeping the price trend going up. So request you to consider this phenomena and allow dynamic price changes for the next phase of supply.	No Change in tender conditions
6	BenQ India Pvt Ltd	5.4	24	5.5/i	As the projector life span is 5 years the release date for projectors should not be considered under the release date clause of 1 year. It should be considered under release of 2-3 years.	The release date should not be more than two years
7	BenQ India Pvt Ltd	Projector Specifications Wireless Connectivity	85	Annexure XVIII	In case the Integrated Wifi Module will have a technical issue the whole projector Unit must be taken in for service , instead if provided with separate Wifi Dongle Only the Wifi Dongle needs to be replaced.providing immediate support and hence not hampering the daily classrooms. In terms of pricing also, Non-integrated and Integrated Wireless Projectors will have major price difference. Thus the price of Integrated Wireless Projector will be more compared to Non-integrated Most of the models that come with Integrated Wireless Projectors will have only 2W speaker as default and not the 10W Hence request you to keep Wireless as optional or change the speaker capacity to	It is already specified that Integrated wifi module has to be provided for connecting the tablet/laptop to projector (Refer Annexure XVIII)

					2W instead of 10W, if Wireless is required.	
8	Lenovo India Pvt. Ltd.	Annexure-XVIII	87	10. Ports - USB2.0	For Android Tablet PC, it can be provided with only Micro-USB2.0. Request you to consider Micro-USB2.0 instead of USB2.0	Refer Annexure 1
9	Lenovo India Pvt. Ltd.	Annexure-XVIII	87	20. Touch Pad	As you are aware, when Android Tablet PC is proposed, it comes with Touch screen. Please confirm if Touchpad is still required in such scenario	No change in tender specifications
10	Lenovo India Pvt. Ltd.	Annexure-XVIII	90	35. EPEAT Registration	These are meant for Laptop range and not for the Tablet PCs with Android OS. Request you to keep it as Optional. In Android Tablet PC, CE shall replace with EPEAT Registration.	EPEAT Registration is optional in the specifications.
11	Lenovo India Pvt. Ltd.	Annexure-XVIII	90	36. Energy Star Rating	These are meant for Laptop range and not for the Tablet PCs with Android OS.	Energy Star Rating is optional in the specifications.
12	Fervid Smart Solutions Pvt. Ltd.	CHAPTER-IV: Instruction to Bidders	21	4.8. Performance Security	Request you to confirm if the PBG is equivalent to 10% of first year's contract value or the total contract value for 2 years.	The PBG equivalent to 10% value of the work order value has to submitted separately every year.
13	Fervid Smart Solutions Pvt. Ltd.	CHAPTER-VI: Eligibility and Bid Evaluation	38	6.2. Pre-Qualification Criteria	Request you to consider the average turnover to be INR 100 Crores instead of INR 150 Crores.	Refer Annexure 1
14	Fervid Smart Solutions Pvt. Ltd.	Chapter-VII: Timeline & Payment terms	41	7.1. Duration & Timeline	As per the current senario, if everything goes as expected, execution timelines fall in the holiday season of Mauritius i.e. December 2019 to January 2020. So, we request you to extend the commissioning timelines from T+10 week to T+16 weeks.	No Change in tender conditions
15	Fervid Smart Solutions Pvt. Ltd.	CHAPTER-V: Scope of Work	25	5.8. Delivery and Documents	We request you to ensure that the designated Schools be ready by time when the projectors are ready for commissioning. Non-readiness of electrical work, civil work, burglerry proof at designated Schools shall cause delays and escalate the costs of the SI due to multiple visits required for commissioning.	Classrooms are already electrified

16	Fervid Smart Solutions Pvt. Ltd.	Chapter-VII: Timeline & Payment terms	41	7.1. Duration & Timeline	Since the timelines are very short air freight has to be considered which is very expensive. Do we need to consider air freight or any other mode of transport is preferred while quoting the price.	Bidders to plan accordingly to meet timelines
17	Fervid Smart Solutions Pvt. Ltd.	Chapter-VIII: Key Contract Terms	45	8.5. Prices	How do we hedge against the US Dollar Fluctuation? What is your recommended best practice?	Bidders to make their own arrangements
18	Fervid Smart Solutions Pvt. Ltd.	Annexure XVIII: Equipment Specification	88	Classroom Management Software	The scope of CMS as described is much wider including LMS, MDM, and Content Management System. Hence, this needs to be factored into the pricing.	Bidders has to comply to the scope of work as per technical requirement
19	Fervid Smart Solutions Pvt. Ltd.	Annexure XVIII: Equipment Specification	96	Classroom Management Software	The proposed CMS requires server side hosting and management. Please specify who is going to bear the costs and responsibility.	Bidders has to comply to the scope of work as per technical requirement
20	Fervid Smart Solutions Pvt. Ltd.	CHAPTER-V: Scope of Work	25	5.7. Unloading and Unpacking	Due to holiday season, there is a possibility of long time storage of equipment at shipping agency which escalates the overall costing.	Bidders to plan accordingly to meet timelines
21	HP India Sales Pvt Ltd	Learner Device	86-90	Processor Speed: At least 1.2 GHz	We request to change it to minimum 1.1 Ghz quad core processor since it is available with all OEM's. we currently have one world class product available with this configuration only.	Refer Annexure 1
22	HP India Sales Pvt Ltd	Learner Device	86-90	RAM capacity: 2GB	We Propose minimum 4 GB RAM for accessing the content as 2GB is too less and even low-end smartphones comes with 3GB/4GB default memory	No change in tender specifications
23	HP India Sales Pvt Ltd	Learner Device	86-90	Mass Storage Capacity (Internal): Min 32 GB of internal storage	We propose minimum 64 GB eMMC flash	No change in tender specifications
24	HP India Sales Pvt Ltd	Learner Device	86-90	Display Technology: Display technology should be IPS/PLS LCD, LED or better	touch screen with Corning Gorilla glass (1366 x 768 resolution) with flexible 360 degree hinge option for working in a Learner Device mode and active digitize support	No change in tender specifications

25	HP India Sales Pvt Ltd	Learner Device	86-90	Resolution: Minimum 1280 x 800 px	We propose minimum resolution of 1366 x 768 resolution	No change in tender specifications
26	HP India Sales Pvt Ltd	Learner Device	86-90	Keyboard: Integrated	We propose Full size spill resistant keyboard	No change in tender specifications
27	HP India Sales Pvt Ltd	Learner Device	86-90	Ports: At least 1 USB 2.0	We propose to have minimum 2 USB 3.1 Gen 1, 1 USB-C; 1 HDMI 2.0, 1 RJ-45	Refer Annexure 1
28	HP India Sales Pvt Ltd	Learner Device	86-90	Battery Capacity (mAh): Should have minimum 5000 mAh	we request to change it to 45 W or better AC charging adapter as in notebooks battery back up is evaluated through Watts. We request you to ask for battery backup in hrs rather than battery capacity. We can offer battery backup which lasts 16 hrs.	Refer Annexure 1
29	HP India Sales Pvt Ltd	Learner Device	86-90	Battery Autonomy (in hours): Should have minimum 8 hours	battery backup upto 16 hours under standard test conditions	No change in tender specifications
30	HP India Sales Pvt Ltd	Learner Device	86-90	Shock Proof Protection : The device should be ruggedized as integral component or as separate external component (cover).	we propose for MIL 810G certified product which caters all the requirements like, ruggedness, dust and water resistance	No change in tender specifications
31	HP India Sales Pvt Ltd	Learner Device	86-90	ISO 9001 :2008 certification: The Learner Device should comply with ISO 9001:2008 certification.	we request to include ISO 27001:2013	No Change in tender conditions
32	HP India Sales Pvt Ltd	Learner Device	86-90	EPEAT Registration	EPEAT Silver;	EPEAT Registration is optional in the specifications.
33	HP India Sales Pvt Ltd	Learner Device	86-90	Energy Star rating	ENERGY STAR® certified ;EPEAT Silver	Energy Star Rating is optional in the specifications.
34	HP India Sales Pvt Ltd	Teacher Device	94-97	RAM Capacity: Min 8 GB (2 DIMM Slot)	8 GB DDR4 RAM (total 2 DIMM slots), Memory should not be soldered on motherboard. Also there should one free DIMM slot for redundancy in case 1 DIMM slot fails	The requirement is of two reusable DIMM Slots only
35	HP India Sales Pvt Ltd	Teacher Device	94-97	USB port: Min 3	Minimum 3 USB Ports with atleast 2 USB 3.1	No change in tender specifications
36	HP India Sales Pvt Ltd	Teacher Device	94-97	Ethernet port(10/100/1000 Base T): Min 1	Integrated Ethernet 10/100/1000 NIC	No change in tender specifications

37	HP India Sales Pvt Ltd	Teacher Device	94-97	EPEAT/EU Ecolabel Registered: Yes (If EPEAT, State Level)	EPEAT-Gold,	No change in tender specifications
38	HP India Sales Pvt Ltd	Teacher Device	Additional Inputs	Keyboard	Full size keyboard	No change in tender specifications
39	HP India Sales Pvt Ltd	Teacher Device	Additional Inputs	Integrated Media Card Reader	1 multi-format digital media reader supporting SD, SDHC, SDXC cards	No change in tender specifications
40	HP India Sales Pvt Ltd	Teacher Device	Additional Inputs	Weight	not more than 2 Kgs with battery	No change in tender specifications
41	HP India Sales Pvt Ltd	Teacher Device	Additional Inputs	Battery	Internal Long Life battery supporting Fast Charge	No change in tender specifications
42	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-V, 5.10	26	5.10. Insurance & Transportation The selected Bidder shall be responsible for acquiring comprehensive insurance including transit insurance, liability insurance and any other insurance for all the equipment till the delivery and commissioning at the respective delivery warehouses and primary school in Mauritius.	We assume that duration of insurance is upto date of handover for devices to School Authorities. Please clarify	Insurance has to be valid till the commissioning point of hardware as per scope of work
43	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-V, Clause 5.13.IV	29	The commissioning of Tablet & its accessories, Laptops, and Rack charger will be carried out at one or two locations provided by the client.	We request to the department to please clarify if bidder are to commission one or two location in each zone	Refer scope of work in tender
44	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-V, Clause 5.13.V	29	The commissioning of projector and wall mount kit with accessories has to be carried out at respective school. The selected bidder shall have to deliver, install and commission the projectors with mounting kit from the warehouse to the schools	We assume that that transportation of equipment from warehouse at zone level to respective schools in responsibility of School authority/dept. Bidders are responsible to install/commission at school level	Refer scope of work in tender

45	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-V, Clause 5.19.III (a)	33	Pre-Dispatch Inspection (PDI) - Notice for Pre Dispatch Inspection INR 1,00,000 every 1 day of delay in issue of notice on a daily incremental basis of INR 1,00,000 subject to a maximum of INR 25,00,000.	We request to the department o kindly modify this clause by "INR 1,00,000 every 7 day of delay in issue of notice on a weekly incremental basis of INR 1,00,000 subject to a maximum of INR 25,00,000."	No Change in tender conditions
46	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-V, Clause 5.20.	38	The Selected bidder is required to provide comprehensive training to the EdCIL officials and designated officials of the client to enable them to effectively operate allequipment	We request to the department to kindly define expected number of officials from EdCIL to be trained	Refer scope of work in tender
47	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-VI	39	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 three years executed as on date of submission of bid.	Since this project is for school education dept, we request to the department to kindly consider experience with School Education department only	No Change in tender conditions
48	Schoolnet India Limited (Formerly Known as IL&FS Education and Technology Services Limited )	CHAPTER-VI	39	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 three years executed as on date of submission of bid.	We request to the dept to kindly consider the experience of Desktops also in the category as majority of the projects involves deployment of Desktop under the ICT Projects	No Change in tender conditions

49	Gridage Technologies Pvt Ltd.	Chapter - IV	38	Pre-qualification Criteria	<p>Though the tender document contemplates the strong mechanism for Device mangement Software ,it does not elaborate on necessary credentials for the prospective device management software vendor.For such prestigious and important program, we suggest the following credentials(these credentials have been asked for in other large smart phone/devices tender as well):</p> <p>1) To ensure that the Device management Software OEM/ vendor meets quality as well as Information Security standards, the Device management software/product OEM /vendor should be ISO 9001: 2015; ISO 27001: 2013 &amp; VAPT certified.</p> <p>2). The Device management software/product OEM vendor should have prior experience in successfully deploying and managing software in projects of similar nature in the government sector. The Device management software/ product OEM vendor should have the experience of managing at least 30,000 devices under Government sector in last four years.</p> <p>3) The certificates and deployment credentials should be provided. The deployment credentials should be from end user government agencies/departments and should pre-date the date of issue of this tender</p> <p>4) The Device management software/product OEM vendor should provide a MAF to the bidder.</p>	No Change in tender conditions
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50	Gridage Technologies Pvt Ltd.	Annexure XVIII	88	Classroom Management Software(CMS)	Classroom management solution should be capable of being hosted on cloud as well as on premises. Data and Content should be able to reach to the learner device through online as well as offline mechanism. CMS should be able to track content usage and other learning data on trainer device and learner device at classroom level.	No Change in tender conditions
51	Datamini Technologies (India) Ltd.	Notice Inviting Tender Details	7	Performance Bank Guarantee (PBG) 10% of the total work value of the successful bidder. PBG is required to be submitted within 7 days from the date of issue of LOA as per Annexure-XI	Please make it 5%	No Change in tender conditions
52	Datamini Technologies (India) Ltd.	Performance Security	22	The successful bidder should be required to deposit Performance Bank Guarantee equivalent to 10% of contract value to EdCIL within 7 days from the date of receipt of WorkOrder.	Please make it 5%	No Change in tender conditions
53	Datamini Technologies (India) Ltd.	5.4 a	24	The estimated quantities which shall be procured over a period of two years are mentioned in the following table.	EDCIL going to issue a single Work Order for both the years, because rate will be vary for the quantity of 12800 & 25600. We are requesting to update next year procurement date. Also Technology changes every months, for next year requirement please come out with separate Tender	No Change in tender conditions
54	Datamini Technologies (India) Ltd.	5.5 (v)	25	The equipment supplied by the bidder must comply with ICTA Type Approval procedure of Govt. of Mauritius for all its equipment. ICTA type approval compliance details are mentioned in Annexure XXI.	Kindly clarify for the same, We are requesting you, since EDCIL is procuring Tablet in India, Please accept the BIS or after receiving the PO Please help us to get ICTA approval.	No Change in tender conditions

55	Datamini Technologies (India) Ltd.	5.12.II.Delivery to Mauritius	28	The delivery of Tablets and its accessories, Laptops (with pre-loaded content & application) and Rack Charger has to be provided to client at a centralised location in Mauritius.	Please update whether with pre-loaded content & application provide by EdCIL?	Educational content will be provided to the successful bidder. The succesful bidder has to install the required applications, software and content in the device before delivery.
56	Datamini Technologies (India) Ltd.	5.13.II.	28	After completion of the inspection, all the equipment shall be repackaged and handed over to the respective School representatives. Rejected equipment if any shall be returned back to the authorized representative of the selected Bidder. The numbers of such rejected equipment shall be struck off from the Delivery Receipt/Acceptance Receipt and from the Invoice claimed by the bidder. The rejected equipment shall be replaced by the selected bidder within 7 days.	After Inspection repacking could be a difficult task. While repacking of material, devices may get damaged/misplace Since the location is in abroad, Hence we are requesting you to share us the list of the schools along with locations, and Bidder will calculate the cost till school. Then if the device is not working, it will take back by bidder. Any way as per Annexure XVII EdCIL asking for INSTALLATION CERTIFICATE from each School	No Change in tender conditions
57	Datamini Technologies (India) Ltd.	5.13.III.	28	The equipment to be commissioned for a specific school shall be decided by MOEHR, TE&SR. MOEHR, TE&SR may select multiple locations for commissioning. The power supply, internet connectivity and necessary infrastructure for commissioning will be arranged by MOEHR, TE&SR. Until the equipment are handed over to respective school authorities, selected bidder will be solely responsible for the security of all the equipment.	We are requesting for direct delivery to specific schools	No Change in tender conditions

58	Datamini Technologies (India) Ltd.	6.2 ( 2 )	38	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 three years executed as on date of submission of bid.	Please make it 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 direct or through his reseller / bidder / partner in the last three years executed as on date of submission of bid.	No Change in tender conditions
59	Datamini Technologies (India) Ltd.	6.2 ( 3 )	38	The Bidder should have an average annual turnover of at least INR 150 Crores from IT/ ITES services during the last three financial years i.e. 2016-17, 2017-18 & 2018-19 with net profit and positive net-worth. Net-worth should be as per the definition mentioned in the section 2 (57) of Companies Act 2013. The Bidder should have a minimum average revenue of INR 50 Crores generated from hardware supply, commissioning and their associated maintenance services over the financial years 2016-17, 2017-18 & 2018-19.	Please make it as The Bidder should have an average annual turnover of at least INR 50 Crores from IT/ ITES services during the last three financial years i.e. 2016-17, 2017-18 & 2018-19 with net profit and positive net-worth. Net-worth should be as per the definition mentioned in the section 2 (57) of Companies Act 2013. The Bidder should have a minimum average revenue of INR 25 Crores generated from hardware supply, commissioning and their associated maintenance services over the financial years 2016-17, 2017-18 & 2018-19. It will help to get fair chance to Indian Bidder.	No Change in tender conditions
60	Datamini Technologies (India) Ltd.	6.2 (10)	41	OEM Criteria: OEM must be amongst the Top Five vendors in worldwide shipment of "Ultramobile (Basic and Utility Tablets) category"/Desktop/Laptops in any of 2 quarters in the FY 2018 -19 in the Gartner report OR The OEM should be amongst the Top Five Tablet/Desktop/Laptops Vendors, in terms of Shipments or Market Share in any two Quarters of FY 2018-19 as per IDC report.	Please remove this clause, So the Indian Manufacturer will get an equal opportunity to present them self- worldwide through the platform of EdCIL. This will really help is to achieve the concept of "Make in India"	No Change in tender conditions

61	Datamini Technologies (India) Ltd.	Learner Device Specifications	89	Operating System Latest compatible version of any of the following: Android/iOS/Windows In case of Windows, MOEHR will provide licenses. (Please refer to Shape the Future letter of eligibility for MOEHR)	Please clarify the Operating System, Cost will vary as per operating system. There is no universal specification available for Tablet which support all operating Systems	No Change in tender conditions
62	Datamini Technologies (India) Ltd.	Learner Device Specifications	90	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)	We are requesting you to please remove this clause	No Change in tender conditions
63	Datamini Technologies (India) Ltd.	Learner Device Specifications	90	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)	We are requesting you to please remove this clause	No Change in tender conditions
64	Datamini Technologies (India) Ltd.	Learner Device Specifications	91	Other certifications FCC, CE, RoHS, UL, BIS	Please remove CE & UL certification, It is not applicable in all over world, CE applicable only in European continent	No Change in tender conditions

## Annexure-1

### Key dates:

Document Download/ Sale End Date	08/11/2019
Last Date and Time for receipts of Bids	08/11/2019 up to 14:30 Hrs.
Date and Time of Opening of Technical Bids	08/11/2019 at 16:30 Hrs.

### 1. Pre-qualification criteria

#	Eligibility Criteria	Revised Criteria	Supporting documents to be submitted
3.	<p>The Bidder should have an average annual turnover of at least INR 150 Crores from IT/ ITES services during the last three financial years i.e. 2016-17, 2017-18 &amp; 2018-19 with net profit and positive net-worth. Net-worth should be as per the definition mentioned in the section 2 (57) of Companies Act 2013.</p> <p>The Bidder should have a minimum average revenue of INR 50 Crores generated from hardware supply, commissioning and their associated maintenance services over the financial years 2016-17, 2017-18 &amp; 2018-19.</p>	<p>The Bidder should have an average annual turnover of at least INR 100 Crores from IT/ ITES services during the last three financial years i.e. 2016-17, 2017-18 &amp; 2018-19 with net profit and positive net-worth. Net-worth should be as per the definition mentioned in the section 2 (57) of Companies Act 2013.</p> <p>The Bidder should have a minimum average revenue of INR 50 Crores generated from hardware supply, commissioning and their associated maintenance services over the financial years 2016-17, 2017-18 &amp; 2018-19.</p>	<p>Audited Profit and Loss Statement and Balance sheets.</p> <p>Auditor Certificate clearly specifying the turnover from IT/ ITES services, Hardware supply along with Profit and Net-worth during the financial years 2016-2017, 2017-18 &amp; 2018-2019.</p>

**Note: Rest of the Pre-qualification and Technical Qualification criteria remains unchanged.**

### 2. Equipment Specification (Annexure XVIII)

Tablet Specification		
Description	Original Specification	Revised Specification
Ports - USB2.0	USB 2.0	Bidders can supply the product with USB2.0 /Micro USB 2.0 Port
Processor Speed	At least 1.2 Ghz	At least 1.1 Ghz or better
Battery Capacity (mAh)	Should have minimum 5000 mAh	The battery capacity must be minimum 5000mAh/40Whr or better

**Note: Rest of the technical specifications remains unchanged for Tablet. Bidder needs to fill up Addendum-1 of this document while submitting the compliance.**

## **ADDENDUM-1**

**(TO BE FILLED AND SUBMITTED INSTEAD OF ANNEXURE OF ORIGINAL RFP)**

### **Learner Device Specifications**

<b>Technical Specification Required</b>		<b>Bidder's Proposed Specifications</b>
	Release date should not be more than 1 year from the date of submission of the bid.	
Make & Model		
Country of Manufacture		
Processor	Specify	
Processor Core	At least 4	
Processor Speed	At least 1.1 GHz	
RAM capacity	Min 2GB or more	
Mass Storage Capacity (Internal)	Min 32 GB of internal storage or more	
Micro SD card slot	The tablet should have Micro SD card slot	
Blank Micro SD card	Minimum 64 GB or more	
Bluetooth	Version 4.0 or above	
WiFi	Need to be compliant with Wi-Fi 802.11 a/b/g/n/ac standards	
Support Dual Band	Should support dual band 2.4 GHz and 5 GHz	
Security	Ability to be secured with at least WPA/WPA2	
Display Technology	Display technology should be IPS/PLS LCD, TFT, LED or better	
Screen size	10 inches to 12 inches	
Screen to body ratio	70% or better	
Resolution	Minimum 1280 x 800 px	
Multi-touch based input on screen	Should have multi-touch based input screen	

Input Device		
Ports	At least 1 USB 2.0/ Micro USB 2.0	
	Please Specify other ports	
Touchpad	Specify	
Battery Capacity (mAh)	Should have minimum 5000mAh/40Whr or better	
Battery Autonomy (in hours)	Should have minimum 8 hours	
Per 100 % charge	Should have minimum 8 hours	
Video Streaming at 100 % charge	Should be able to operate for minimum 2 hours	
Web Browsing at 100 % charge	Should be able to operate for minimum 3 hours	
e-book reading at 100 % charge	Should be able to operate for minimum 4 hours	
Built in Speakers	Tablet must have built in speakers	
Built-in Microphone	Tablet must have built in microphone	
Integrated Camera	Minimum 5 MegaPixel for Primary camera	
Headsets (not ear plug type)	Stereo for both right and left channels	
	(not Monaural)	
	Microphone input not needed	
	Wired with standard cable of 60 cm	
	No volume control needed	
	3.5 mm L-Shape jack entry for headset	
	Adjustable headband for kids	
	Spongy ear-pots, not on-ear model	
	Single piece plastic housing, use of metal assemblies is not recommended	
	Simple and classic headphone model	
Tablet keyboard	The keyboard should not require additional charging	

Tablet Charging	It is mandatory to have the tablet along with keyboard can be placed together in rack charger for charging	
Serial Number	Serial number should be on Tablet	
Project Logo	Project logo should be visible on casing and should appear on screen on starting of the tablet. A non-scratchable logo should be engraved/embossed at the back panel of the tablet.	
Operating System	Latest compatible version of any of the following: Android/iOS/Windows  In case of Windows, MOEHR will provide licenses. (Please refer to Shape the Future letter of eligibility for MOEHR)	
Documentation language for softwares and user manuals	English	
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.	
Browser	Must have free version of browser pre-installed in the tablet	
Classroom Management Software	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:  -Providing of feedback for learners  -Screen sharing and monitoring  -Providing analytics on teacher's console about learners' progress  -File Sharing and local repository of file and resources  -Pushing of assessment on learner's device	



	Training needs to be provided on the CMS.	
Preloaded Applications	<p>The tablet needs to be pre-loaded with PDF Reader, ePub Reader, basic drawing tool</p> <p>Windows movie maker, Open Sankore 2.5.1, Scratch Junior, Scratch 3.0 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	
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 MOEHR, TE&amp;SR.</p>	
Content Update	Offline or Centralised cloud-based automatic updates	
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)	
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)	
Tablet Stand	The tablet should be provided with the ability to be positioned vertically on a table. This can be through an external or internal component.	
Shock Proof Protection	The device should be ruggedized as integral component or as separate external component (cover).	

Device Charging	Charging of device should be feasible with any cover on the Charging Cart/Cabinet.	
Screen Protection	There should be tamper proof glass on tablet screen	
ISO 9001 :2008 certification	The tablet should comply with ISO 9001:2008 certification.	
Electrical Standards	Should be compliant with British BS 1363	
EPEAT Registration		
Energy Star rating		
EU Ecolabel compliance	State whether product is compliant with EU Ecolabel. If yes, specify type.	
Other certifications	FCC, CE, RoHS, UL, BIS	
Other features proposed by supplier		