



**DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
BIDS AND AWARDS COMMITTEE (DICTBAC)**

Supplemental Bid Bulletin No. 2

**SUPPLY AND DELIVERY OF INFORMATION TECHNOLOGY (IT) EQUIPMENT AND
HARDWARE BUNDLED WITH SOFTWARE AND E-LEARNING APPLICATIONS OF
THE DICT FOR THE TECH4ED FOR SCHOOLS**

Bid Reference No. DICTBAC-2018-001

Please be advised of the changes in the schedule of the Submission and Opening of Bids for this project:

<u>ACTIVITY</u>	<u>PREVIOUS SCHEDULE</u>	<u>REVISED SCHEDULE</u>
Submission of Bids	30 July 2018 12 Noon	2 August 2018 12 Noon
Opening of Bids	30 July 2018 1:30 PM Executive Lounge , DICT Building, C.P Garcia Avenue, Diliman, Q.C.	2 August 2018 1:30 PM OSEC Conference Room, DICT Building, C.P Garcia Avenue, Diliman, Q.C

After considering the queries, clarifications, recommendations and suggestions, the DICTBAC hereby decides to include, revise, amend, delete and/or adapt the following provisions:

<u>ITEM NO.</u>	<u>QUERY</u>	<u>DICTBAC RESPONSE</u>
1	We would like to request that the specification for item 1.7 of page 68 be changed to HD – High Definition from 4k UHD. In our experience, most E-Learning Collaborative Boards uses browsers that only uses 1080p resolution (HD) in displaying their e-learning content. Also 4k UHD Content file sizes is to large to be streamed or stored in an E-Learning Environment	Request is approved. The required specifications is changed to 55" HD Display.
2	We would like to request that the specification for item 1.7 of page 68 (16 simultaneous touch points) be lowered to 10 points as this is the industry standard for collaborative boards. 10 simultaneous touch points is also enough to control all the functions and features of the collaborative board in an e-learning environment	Request considered, changed the minimum simultaneous touch point to ten (10).
3	We would like to request that the specification for item 1.9 of page 68 (USB Type C) be removed as this specification is not commonly used in an e-learning environment because most of the function are	Request considered, the collaborative board must include a one (1) USB Type C to micro USB Adaptor.



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<u>ITEM NO.</u>	<u>QUERY</u>	<u>DICTBAC RESPONSE</u>
	accomplished using wireless connections. If this is not possible, can the supplier use a USB Type C adapter to satisfy this requirement	
4	We would like to clarify if the specification for item 1.9 of page 68 (Bluetooth), if the supplier can use a USB Bluetooth (Bluetooth Dongle) to satisfy this requirement?	Yes, bidder can use a USB Bluetooth Dongle.
5	DepEd does not have a curriculum for ICT, what will be our basis for its contents?	The curriculum is not ICT based but K-12 curriculum.
6	How many schools are to be trained within Metro Manila and outside Metro Manila?	Please refer to the requirements stated in the Technical Specifications.

<u>ORIGINAL PROVISION</u>	<u>AMENDED PROVISION</u>
Section VII. Technical Specification	
<i>1.7 4k ultra-high-definition touch display:</i> <ul style="list-style-type: none"> • <i>55" 4K UHD display</i> • <i>120 Hz touch scan rate</i> • <i>60 Hz video refresh rate</i> • <i>10 simultaneous touch points</i> • <i>Handwriting and shape recognition</i> 	<u>1.7 High Definition touch display</u> <ul style="list-style-type: none"> • <u>55" HD display</u> • <u>120 Hz touch scan rate</u> • <u>60 Hz video refresh rate</u> • <u>10 simultaneous touch points</u> • <u>Handwriting and shape recognition</u>

All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.

Please use the following forms attached in this Supplemental Bid Bulletin:

- Revised Technical Specifications as of 26 July 2018

For information and guidance of all concerned.

Issued this 26th day of July 2018.

(SGD.) CARLOS MAYORICO E. CALIWARA
Chairperson, DICTBAC



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DICTBAC-2018-001

REVISED TECHNICAL SPECIFICATIONS AS OF 26 JULY 2018

Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1.(a)(ii) and/or **GCC** Clause 2.1(a)(ii).

ITEM	MINIMUM SPECIFICATIONS	STATEMENT OF COMPLIANCE
	1. Collaborative White Board	
	1.1. Quantity: 10 Units	
	1.2. Capable of Real-time collaboration from anywhere (via Internet)	
	1.3. Can be integrated or connected to (Phone, Tablet and Laptop)	
	1.4. With Features like: creative drawing tools, handwriting and shape recognition, pre-made stickers, sticky notes	
	1.5. Capable to save the work done on the Whiteboard and share-it via email	
	1.6. No dried-out markers or ineffective erasers: <ul style="list-style-type: none"> • 2 x Fine tip passive stylus • Eraser • Microfiber cloth 	
	1.7. High-definition touch display: <ul style="list-style-type: none"> • 55" HD display • 120 Hz touch scan rate • 60 Hz video refresh rate • 10 simultaneous touch points • Handwriting and shape recognition 	
	1.8. Wide-angle camera, microphone and speakers are integrated to the white board: <ul style="list-style-type: none"> • Built in tilt support • Built in wide angle camera • Down firing speakers • Built in microphones 	
	1.9. Built-in Wi-Fi, Bluetooth or Bluetooth Dongle, NFC, HDMI: <ul style="list-style-type: none"> • HDMI 2.0, USB Type C or include USB Type C to Micro USB Adaptor, 2 X USB 3.0 • SPDIF audio out • WIFI 802.11ac 2x2, NFC • 1 Gigabyte Ethernet 	
	2. Brand New Desktop for e-Learning Systems	



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	2.1. Quantity: 1500 units	
	2.2. Latest Generation Processor (8M Cache, up to 3.7 GHz)	
	2.3. Base Clock Speed: 3.5 GHz	
	2.4. Max Turbo Core Speed: at least 3.7 GHz	
	2.5. 8MB L3 Cache	
	2.6. 14nm Lithography	
	2.7. 4 Cores, 4 Threads	
	2.8. 4GB DDR4 (upgradeable to 64GB) 4 DIMM Slot, 1GB Discrete graphics	
	2.9. 1TB SATA Hard Disk Drive	
	2.10. Optical Drive: DVDRW, slim ODD tray type 9.5mm	
	2.11. Display: 21.5" LED Monitor	
	2.12. Standard I/O Ports: <ul style="list-style-type: none"> 10 External USB: 6 x 3.1 Gen 1 (2 Type-A front, 4 Type-A rear) and 4 x 2.0 (2 Type-A front, 2 Type A rear - 1 front with 2.5 watts supply); 2 internal USB 2.0; 1 RJ-45; 1 Serial; 2 PS/2; 1 Universal Audio Jack, 1 Line-Out, HDMI or VGA and Display Port (2) PCIe x 4, PCIe x 16 	
	2.13. Network Interface: <ul style="list-style-type: none"> One (1) 10/100/1000 Mbps LAN port Built in Wifi 802.11 b/g/n Built in Bluetooth 4.0 	
	2.14. Built in Media Card Reader	
	2.15. 240W up to 85% Efficient Power Supply	
	2.16. Accidental damage repair for power surges	
	2.17. USB keyboard and USB optical mouse	
	2.18. Windows 10 Pro (64 bit) <i>Note: Windows 10 is compatible with the existing fleet utilized by Tech4ED Project</i>	
	2.19. Three (3) years onsite warranty with coverage of unstable power surges	
	2.20. Security Management: <ul style="list-style-type: none"> Retention of HDD after replacement Predictive issue detection for failure prevention 	
	2.21. All components must be brand new and should be factory installed with corresponding part number and verifiable via web	
	2.22. Restrictions of Hazardous Substances(RoHS) compliant	
	3. Anti-Virus for Desktop 1-year subscription	
	3.1. Quantity: 1500 units	
	3.2. Anti-Virus/Anti-Spyware <ul style="list-style-type: none"> 3.2.1. Platforms supported: <ul style="list-style-type: none"> Windows/Vista/8/10/2008/RBS2011/2012, MacOS, Linux 3.2.2. Rootkit detection and cleanup 	
	3.3. Host Intrusion Prevention System (HIPS) <ul style="list-style-type: none"> 3.3.1. Behavior of code is analyzed before it runs and is prevented from running if it is considered to be Suspicious or malicious. Inter-check Technology. Runtime detection intercepts threats that cannot be detected before execution 	
	3.4. Enterprise Console A single, automated console for Windows, Mac, Linux and virtualized platforms centrally deploys and manage antivirus and client firewall protection; intrusion prevention; web protection; patch assessment; encryption; data, device and application control; and assessment and control.	



	<p>3.5. Runtime Protection</p> <p>3.5.1. Monitor and block suspicious behavior like registry or critical Windows system files modification</p> <p>3.5.2. Protection against buffer-overflow</p>	
	<p>3.6. Client Firewall</p> <p>3.6.1. Platforms supported: Windows 7/8/10</p> <p>3.6.2. Integrated to Antivirus</p> <p>3.6.3. Supported stealth mode operation</p> <p>3.6.4. Prevents application hijacking and checksum-based exclusion</p> <p>3.6.5. Location-aware firewall so different firewall policies can be applied when Antivirus is within or outside the company network</p> <p>3.6.6. A centrally managed client firewall designed for the enterprise environment blocks worms, stops hackers and prevents intrusions.</p>	
	<p>3.7. Application Control</p> <p>3.7.1. Selectively authorize or block legitimate applications that impact network bandwidth, system availability, and user productivity</p> <p>3.7.2. Vendor-managed list to offload the administrator from monitoring new applications or versions</p> <p>3.7.3. List should include browser plug-ins, desktop search tools, email client, encryption tools, file sharing applications, games, instant messaging, internet browsers, mapping apps, media player, online storage, proxy apps, remote management tools, security tools, toolbars, virtualization, and voice over IP software</p>	
	<p>3.8. Device Control</p> <p>3.8.1. Control the use of removable storage, optical media drives, floppy drives, and wireless, modems, Bluetooth, and Infrared devices</p> <p>3.8.2. Should be port-agnostic and should support whatever port is used to connect the device like USB, FireWire, SATA, and PCMCIA interfaces</p> <p>3.8.3. Ability to run in alert-only mode providing administrators a view of the device usage across the network</p> <p>3.8.4. Ability to set storage devices in "Read-Only mode" to prevent data from being written</p> <p>3.8.5. Prevents wireless bridging – ex. Disables wireless when Ethernet is connected</p> <p>3.8.6. Supports device instance and model exceptions</p> <p>3.8.7. A single Antivirus agent for Windows that detects viruses, spyware and adware, rootkits and suspicious files and behavior. It monitors the transfer of sensitive data off the network and blocks malicious and inappropriate websites. The agent also controls use of removable storage devices and unauthorized applications across multiple platforms.</p> <p>3.8.8. Ability to control required access for MTP/PTP devices.</p>	
	<p>3.9. Data Control (Data Loss Prevention)</p> <p>3.9.1. Must be fully integrated content monitoring solution.</p> <p>3.9.2. Must have integrated full disk encryption license, encrypt files saved in removable storage and shared through emails. With Local Self Help and Challenge/Response recovery method</p> <p>3.9.3. Monitors data transferred onto data points like removable storage, optical and disk drives and internet-enabled applications (web browser, email client, instant messaging)</p> <p>3.9.4. Block/Allow/Warn/Log transfer of files based on "true" file type and/or content using regular expressions</p>	



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	<p>3.10. Live Web Protection Live in-the-cloud lookups check database of millions of compromised sites</p>	
	<p>3.11. System Protection System Protection is a component of the Antivirus protection software providing coordination between detection engines and performing lookups as required to ensure the most up to date protection</p>	
	<p>3.12. Download Reputation Download Reputation is a feature of the Windows Antivirus product that checks files downloaded from some internet browsers against a database of files.</p>	
	<p>3.13. Live Malware Lookup Instantly checks the reputation of suspicious checksums and file meta data; use an extensive in-the-cloud database of known good and bad reputation data and to improve proactive detection, reducing reliance on updating</p>	
	<p>3.14. Malicious Traffic detection Malicious Traffic Detection is a component that will monitor HTTP traffic for signs of connectivity to known bad URLs such as Command and Control servers</p>	
	<p>3.15. Web Control Provides protection, control for endpoint machines that are located, or roam, outside your corporate network. Web filtering on 14 essential site categories on user machines.</p>	
	<p>3.16. Enhanced Runtime behavior detection</p> <ul style="list-style-type: none"> 3.16.1. Should detect writing to the registry, calling a Windows API; looks at pre-execution analysis results source of files, packers used, other suspicious rule triggers 3.16.2. Should be Integrated into existing Antivirus agent with no Antivirus configuration required 3.16.3. Prevents users or malicious applications from making changes to configuration of the anti-virus. Protects files, registry keys, services, and processes. 	
	<p>3.17. Central Management</p> <ul style="list-style-type: none"> 3.17.1. Management Console Platform support: Microsoft Server 2008/2012/2016 3.17.2. Single management console for Windows, Mac, Linux computers 3.17.3. Ability to perform cleanup centrally from the console. 3.17.4. Ability to authorize files centrally from console 	
	<p>3.18. Audit Logging Support Delivering (among other features) support for audit logging. It enables IT managers to run detailed reporting on management console activity for regulatory compliance, security audits and forensic analysis.</p>	
	<p>3.19. Policy-based</p> <ul style="list-style-type: none"> 3.19.1. Role-based administration privileges assign management to estates and sub-estates 3.19.2. Centralized policy enforcement relating to Updating, Antivirus and HIPS, Client Firewall, Application control, Device control, Data control, Patch assessment, Web control, Anti-ransom ware, Anti-exploit prevention. 	
	<p>3.20. Active Directory support</p> <ul style="list-style-type: none"> 3.20.1. Automatic computer discovery and synchronization with AD structure 3.20.2. Automatic installation of newly discovered computers 	



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	<p>3.21. Location Roaming Intelligent updating for roaming laptops where updates are performed from a best update location and updating does not rely solely on the primary and secondary update locations specified in the Antivirus updating policy.</p>	
	<p>3.22. Failsafe updating 3.22.1. Multiple sources of update with automatic failover 3.22.2. Bandwidth throttling support for low-speed network links</p>	
	<p>3.23. Signature Updates 3.23.1. Small update size with an average of 50kb per signature update 3.23.2. Ability to check for updates as often as every 10 minutes 3.23.3. Separate schedule for signature and software updates</p>	
	<p>3.24. Dashboard and Reporting 3.24.1. Near real-time view of the security health of the organization through the use of dashboards or similar technology 3.24.2. Automated email reporting when certain alert thresholds are reached 3.24.3. Supports report output in PDF, HTML, Excel, Word, RTF, CSV, and/or XML</p>	
	<p>3.25. Reporting Interface Reporting Interface and Reporting Log Writer provide the components that allow third-party applications to access Enterprise Console threat and event data.</p>	
	<p>3.26. Patch Assessment Scans and identifies computers missing critical patches for vulnerabilities commonly targeted by threats.</p>	
	<p>3.27. Home Use Your employees are allowed to use the Licensed Product at home on a single workstation provided that you are responsible for support and the distribution of Upgrades and Updates of such licenses.</p>	
	<p>4. e-Learning Module 1-year subscription</p>	
	<p>4.1. Quantity: 1510 units</p>	
	<p>4.2. Standalone or Internet Based Learning Management System with K-12 Content</p>	
	<p>4.2.1. Administrator account features:</p>	
	<p>4.2.2. Ability to create unlimited number of classes/courses within the system.</p>	
	<p>4.2.3. Has built in tools to manage classroom, lessons and activities.</p>	
	<p>4.2.4. Has built in SCORM based lessons and activities</p>	
	<p>4.2.5. The system must have an email notification system that allows Email notifications to be sent automatically in response to events. This allows the school to send out notifications and reminders to students to increase their engagement</p>	
	<p>4.2.6. Has the ability to create customized/personalized lessons for each class</p>	
	<p>4.2.7. Has built in student assessment tools such Quiz Module/Assignment Modules/Test Bank</p>	
	<p>4.2.8. The system should have a detailed reporting tool that allows teachers and administrators to create detailed reports on student progress, performance, etc.</p>	
	<p>4.2.9. Has built in analytics tools to track the progress of each class and even each student</p>	



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	<ul style="list-style-type: none"> 4.2.9.1. Test/Examination scores 4.2.9.2. Assignment/Activity Submission Rate 4.2.9.3. Topics Finished by each student 4.2.9.4. Has tools that access the performance of each student or class on a specific topic of question 4.2.9.5. Number of Videos watched by each student including the time spent per video 	
	4.3. Ability to backup and restore all the data including student data within the Learning Management System.	
	4.4. The system must have School Group Management Module that allows users to create, organize, join, and manage groups. This also allows students to form groups based on their interest.	
	4.5. Has a built in messaging system/forum system that allows:	
	<ul style="list-style-type: none"> 4.5.1. A teacher to send messages to a single or multiple students at once 4.5.2. Students to connect and receive messages to multiple teachers 4.5.3. Students to connect to other student 4.5.4. Students to post questions in the class forum and have these questions be answered by teachers or other students 4.5.5. Teachers and Students to communicate even outside the school premises (optional) 4.5.6. Messaging restrictions such as limiting the communication to teacher-student only and restricting communication between student-student 4.5.7. Has the ability to allow teachers and administrators create and upload customized teacher made content and share it with their students and other teachers 	
	4.6. Content Library features:	
	With built in content library composing of K-12 Curriculum Aligned lessons and activities for the Grades 1 to 10. Topics covers the following subjects:	
	<ul style="list-style-type: none"> 4.6.1. Science 4.6.2. Math 4.6.3. English 4.6.4. Aralin Panlipunan 4.6.5. Filipino 4.6.6. ICT 4.6.7. MAPEH 	
	4.7. With built in content library for Grade 11 covering the following topics	
	<ul style="list-style-type: none"> 4.7.1. Oral Communication 4.7.2. Statistics and Probability 4.7.3. Earth Science 4.7.4. Physical Science 4.7.5. Personality Development 4.7.6. Disaster Readiness 4.7.7. Physical Education 4.7.8. Philippine Arts 	
	4.8. With built in Video Library comprising of Video Lessons and tutorials made by local subject expert covering the following topics:	



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	4.8.1. Science 4.8.2. Math 4.8.3. English 4.8.4. Aralin Panlipunan 4.8.5. Filipino 4.8.6. ICT 4.8.7. MAPEH	
	4.9. With locally written Printable and Downloadable K-12 Aligned Activity sheets covering the following topics:	
	4.9.1. Science 4.9.2. Math 4.9.3. English 4.9.4. Aralin Panlipunan 4.9.5. Filipino 4.9.6. ICT 4.9.7. MAPEH	
	4.10. With locally written downloadable K-12 aligned study/teacher's guides covering the following topics:	
	4.10.1. Science 4.10.2. Math 4.10.3. English 4.10.4. Aralin Panlipunan 4.10.5. Filipino 4.10.6. ICT 4.10.7. MAPEH	
	4.11. With built in Test Bank covering the following K-12 topics	
	4.11.1. Science 4.11.2. Math 4.11.3. English 4.11.4. Aralin Panlipunan 4.11.5. Filipino 4.11.6. ICT 4.11.7. MAPEH	
	4.12. The Content Library, Video Library, Activity Sheets, Study/Teachers guide, and Test Bank must be available online and offline	
	4.13. Teachers Account Features	



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	<p>4.13.1. Should support Dynamic Forums which allows teacher and student to set up private or public course specific forums for their discussions.</p> <p>4.13.2. Should support Lesson Timers that allows teachers to set a minimum amount of time that must be spent per lesson.</p> <p>4.13.3. Should support Advance Quizzing that allows teacher to create quizzes using a predefined question types, custom messages, question banks and much more.</p> <p>4.13.4. Should support Course Points which allows teachers to automatically award points to students upon completing a course or quiz.</p> <p>4.13.5. Should have a Certificate and Badging System that allows teachers to award certificates and badges to top performing students in their class.</p> <p>4.13.6. Should support automatic grading after a quiz or activity.</p> <p>4.13.7. Should have an Assignment Management Module that allows teachers to approve, comment, and award points on submitted assignments.</p> <p>4.13.8. Should have Import/Export Tool that allows export or import course or courses to multiple classes.</p> <p>4.13.9. The system must have a built in Instructor Dashboard that allows instructors to see statistic blocks, announcements, course statistics, news, to do list.</p>	
	4.14. Student Account Features	
	<p>4.14.1. Student accounts including access to interactive lessons, activities and video content should be accessible online even outside the school premises</p> <p>4.14.2. Ability to instantly see test/examination results</p> <p>4.14.3. The system should have a Social Newsfeed Module that allows students to Share ideas, facilitate conversations, collaborate and learn together in a safe & secure environment.</p> <p>4.14.4. The system should have a built in Student Dashboard that allows students to see course progress, statistic blocks, contact instructors, course / quiz / assignment statistics, news and announcements, recent activities, and online friends.</p> <p>4.14.5. The system should have a Task and Announcement module that allow users to share tasks or homework posts and post class announcements. It also allows teachers and administrators to post announcements.</p>	
	4.15. Parents Account Features	
	<p>4.15.1. The system should have the ability to add multiple student accounts under one parent account</p> <p>4.15.2. The system should allow parents to monitor the student activity and academic performance using the parent account via online access.</p>	
	4.16. Customization and branding Agencies and Organizations can put their own branding or can customize the systems in accordance to its specifications	
	4.17. Security Compliance The LMS not only holds student record but the institutions data and vital information exemplified in the following:	



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	<ul style="list-style-type: none"> 4.17.1. Sign-on as the first contact 4.17.2. Sensitive Data are protected either cloud based or on premise 4.17.3. The LMS support users authorization and how are end user can access the data 4.17.4. The LMS support data maintenance 	
	4.18. Reports and Tracking	
	<ul style="list-style-type: none"> 4.18.1. Learning item reports 4.18.2. Learning path reports 4.18.3. Examination reports 	
	<ul style="list-style-type: none"> 4.19. Testing and Assessment Flexibility and options 4.19.1. System support for pre-test and post test 4.19.2. Formative Assessments 4.19.3. On-Line Examination System 4.19.4. Availability of Questions; Random Questions be pulled from a test bank. 4.19.5. Multiple Choice can be randomized. 4.19.6. Results of off-line examination and on-job evaluations be entered. 4.19.7. Weight of Assignments 4.19.8. Learners Complete Assessments Portfolios 	
	<ul style="list-style-type: none"> 4.20. Content Management 4.20.1. Support to latest and international standards for e-learning – SCORM and Tin Can 4.20.2. Upload of existing documents, videos and exams and link learners to web content. 4.20.3. Meaningful Organization of Curriculum, Learning Materials and Evaluations. 4.20.4. Senior High School Booklist Filipino I, Filipino II, Statistics, Personal Development, Oral Communication, Economics, Accounting Fundamentals 4.20.5. Speech 1 to 6 with animation Open source story books 	
	4.21. The systems must support class ticketing that automatically convert all students emails into tickets and never miss another conversation from them	
	4.22. The LMS should support powerful automations with high level of productivity through automation of repetitive and mundane tasks that focuses on student concern	
	4.23. The LMS should have analytics on the most frequent concern	
	<ul style="list-style-type: none"> 4.24. Flexibility of platform and systems 4.24.1. Through the dash board, it helps end users to monitor the assist desk using real time data about tickets, trends and groups 4.24.2. Schedule Reports – Has the ability to schedule default and customer reports so that administrators can receive on a designated duration. 4.24.3. Answers and Insights – Easy Access of Data and Reports 4.24.4. Customer Satisfaction Ratings – It has the ability to gauge how students feel about the support using customer satisfaction reports. 4.24.5. Helpdesk Reports – Understand how different students, groups perform based on various helpdesk metrics. 4.24.6. Speech Laboratory – In Digital Approach 	
	4.25. Systems Compatibility	



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	<p>4.25.1. The system proposed must be compatible to the following devices:</p> <ul style="list-style-type: none"> 4.25.1.1. Desktop PC (Windows & Linux) 4.25.1.2. Window based Tablets 4.25.1.3. Android and IOS Based Tablets and Smart Phones 4.25.1.4. Google Chrome based Devices 4.25.1.5. Interactive Projector 4.25.1.6. Interactive Touchscreen LED Boards 4.25.1.7. Contents including Lessons and Activities must be SCORM 2004 or later compliant 4.25.1.8. Contents including Lessons and Activities must be xAPI or Experience API compliant 4.25.1.9. Contents including Lessons and Activities must be able to work with Interactive Projectors and Interactive touchscreen LED Boards 4.25.1.10. Contents including Lessons and Activities must work with any existing Moodle based LMS or SCORM Compliant LMS 	
	5 Desktop Management Systems Professional Edition, 1-year subscription	
	5.1 Quantity: 1500 licenses	
	<p>5.2 Agent Deployment</p> <ul style="list-style-type: none"> 5.2.1 Deploy Agent Remotely thru IP Address 5.2.2 Deploy Agent Remotely thru Active Directory 5.2.3 Deploy Agent thru Discovery 5.2.4 Deploy Agent via URL Link 	
	<p>5.3 Agent Installer</p> <ul style="list-style-type: none"> 5.3.1 Administrator Credential inside the Agent Package 5.3.2 Can Automatically group machine base in Agent package 	
	<p>5.4 Platform Supported</p> <ul style="list-style-type: none"> 5.4.1 Windows XP/Vista/7/8/8.1/10 5.4.2 Windows Server 2003/2008/2008 R2/2012/2012 R2/2016 5.4.3 Virtualization - VMWare/Hyper-V 5.4.4 Apple OS X version 10.7.5 through 10.9 or above. Intel only 5.4.5 The Linux agent only supports Intel-based machines. SuSE Linux Enterprise (10, 11, 12), Red Hat Enterprise Linux (5, 6, 7), Ubuntu (10.04 LTS, 12.04 LTS, (16.04 LTS) are supported as a headless agent. User interface-based agent procedures will not work. OpenSUSE 12, and CentOS (5, 6, 7) are fully supported. 5.4.6 Network Devices – Routers, Switches, Printers and other IP-based devices 	



	<p>5.5 Procedure Creation</p> <p>5.5.1 Create IT Procedures/Scripts.</p> <p>5.5.2 Automatically distribute procedures to manage machines, groups of machines within a Local Area Network and/or Remote systems.</p> <p>5.5.3 Able to run CMD, PowerShell, Batch File, VB script commands</p> <p>5.5.4 Automated Remediation, automatically run procedures triggered by an alert (via Real-time monitoring of critical applications, services, event logs) offering automated remediation of issues.</p> <p>5.5.5 Scheduling procedures to run automatically</p> <p>5.5.6 Application Deployment, deploy Microsoft and non-Microsoft applications</p> <p>5.5.7 Capability to assign software repository for local sourcing of installers.</p> <p>5.5.8 Policy Enforcement/Configuration Management, deploy and enforce system policies, configuration, e.g. block control panel, block USBs via Machine, groups of Machine within a Local Area Network and Remote systems.</p>	
	<p>5.5.9 File Distribution, automatically get and distribute files to and from systems connected locally and remotely.</p> <p>5.5.10 Provides user define real-time monitoring on Alerts, Event Log Alerts, Monitor sets, SNMP sets, System check and Log monitoring</p> <p>5.5.11 Monitoring of IP Devices</p> <p>5.5.12 Monitors changes in the configuration of IT system and provides alerts if a change has occurred.</p> <p>5.5.13 Provides alerts via tickets, email, dashboard or run a procedure.</p> <p>5.5.14 Alert on specific file changes and protection violations.</p> <p>5.5.15 Monitor devices online/offline status</p> <p>5.5.16 Monitor system performance (CPU, Disk Space, Memory)</p> <p>5.5.17 Monitor Processes</p> <p>5.5.18 Monitor Services</p> <p>5.5.19 Monitor Hardware and Software Changes</p> <p>5.5.20 Alert message and recipient configuration</p> <p>5.5.21 Automatic Network Discovery</p> <p style="padding-left: 20px;">5.5.21.1 Automatically discover all devices on the network</p> <p style="padding-left: 20px;">5.5.21.2 LAN monitoring alerts when new devices are detected</p> <p style="padding-left: 20px;">5.5.21.3 View all known and unknown devices</p> <p>5.5.22 Dashboard</p> <p style="padding-left: 20px;">5.5.22.1 Offers view of alerts summary per system (device)</p> <p style="padding-left: 20px;">5.5.22.2 Ability to group systems together</p> <p style="padding-left: 20px;">5.5.22.3 Customize alerts</p> <p style="padding-left: 20px;">5.5.22.4 Offers Multi Router Traffic Grapher (MRTG), Bandwidth consumption.</p>	



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	<p>5.6 Hardware Inventory</p> <p>5.6.1 System Information (Manufacturer, Product Name, System Version, System Serial Number)</p> <p>5.6.2 Chassis (chassis manufacturer, chassis type, chassis version, chassis serial number, chassis asset tag)</p> <p>5.6.3 Network Information (IPv4 Address, IPv6 Address, Subnet Mask, Default Gateway, Connection Gateway, Country, IP Information Provider, MAC Address, DHCP Server, DNS Server)</p> <p>5.6.4 Motherboard (Manufacturer, Product, Version, Serial Number, External Bus Speed)</p> <p>5.6.5 BIOS Information (Vendor, Version, Release Date)</p> <p>5.6.6 CPU/RAM Information (Processor Manufacturer, Processor Family, Processor Version, CPU Max Speed, CPU Current Speed, CPU, Quantity, Speed, RAM, Max Memory Size, Max Memory Slots)</p> <p>5.6.7 On Board Devices</p> <p>5.6.8 Port Connectors</p> <p>5.6.9 Memory Devices per Slot, systems slots, printer installed on the system</p> <p>5.6.10 PCI and disk hardware, disk volume, disk partitions, disk shares</p>	
	<p>5.7 Software Inventory</p> <p>5.7.1 Software Licenses (Publisher, Title, Product Key, License Key, Version)</p> <p>5.7.2 Installed Applications (Application, Description, Version, Manufacturer, Product Name, Directory Path, File Size, Last Modified)</p> <p>5.7.3 Add/Remove (Application Name, Uninstall String)</p> <p>5.7.4 Startup Apps (Application Name, Application Command, User Name)</p> <p>5.7.5 Security Products (Product Type, Product Name, Manufacturer, Version, Active, Up to Date)</p>	
	<p>5.8 Manage Machines & Updates</p> <p>5.8.1 Offers Scan machine, Patch status, Schedule scan, Initial and automatic updates, Pre/Post procedure, Machine History</p> <p>5.8.2 Ability to Machine/Patch updates,</p> <p>5.8.3 Provides Rollback</p> <p>5.8.4 Cancel updates</p>	
	<p>5.9 Patch Policy</p> <p>5.9.1 Create/Delete Policies</p> <p>5.9.2 Approval by Policy</p> <p>5.9.3 Knowledge Based Override</p>	
	<p>5.10 Automatic and recurring patch scans</p> <p>5.10.1 Secured or ad-hoc, Scans networks for installed and missing security patches, detects vulnerability, determines which patches are needed.</p> <p>5.10.2 Automates the tedious process of researching, identifies which patches are installed and date installed, Monitors and maintains patch compliance for entire enterprise</p>	



	<p>5.11 Centralized Management of Patches</p> <p>5.11.1 Does not require multiple patch servers</p> <p>5.11.2 Ensures that all systems are protected, even remote users on laptops and workstations</p> <p>5.11.3 Allows implementation across entire network</p> <p>5.11.4 Always know what patches and security holes reside on each user's system</p>	
	<p>5.12 Patch approval</p> <p>5.12.1 Approve or deny selected patches</p> <p>5.12.2 Select by user defined computer collections</p>	
	<p>5.13 Automated patch deployment</p> <p>5.13.1 Schedule by time, computer, group or user defined collections of computers</p> <p>5.13.2 Simultaneously deploy all required patches across operating systems</p> <p>5.13.3 Single rollout strategy and policy enforcement</p> <p>5.13.4 Maximize uptime</p>	
	<p>5.14 Interactive patch management</p> <p>5.14.1 Select to deploy by patch or by computer</p> <p>5.14.2 Select individual computers, groups or user defined collections of computers</p> <p>5.14.3 Ad-hoc simultaneous deployment of selected patches</p> <p>5.14.4 Across operating systems</p> <p>5.14.5 Across locations</p>	
	<p>5.15 Flexible configuration</p> <p>5.15.1 Patch file location, Patch file parameters</p> <p>5.15.2 Reboot actions and notifications, by computer, group or user defined collections of computer</p> <p>5.15.3 Saves bandwidth, Security and policy control</p>	
	<p>5.16 Comprehensive reports</p> <p>5.16.1 Graphical with drill-down, User defined</p> <p>5.16.2 Scheduled, E-mail notification</p> <p>5.16.3 Export to HTML, Excel or Word</p>	
	<p>5.17 Profile base policy</p> <p>5.17.1 Scan and Analysis</p> <p>5.17.2 Override</p> <p>5.17.3 Deployment</p> <p>5.17.4 Alerting</p>	
	<p>5.18 Scan and Analysis</p> <p>5.18.1 Can Approve, Review and Reject Patch impact (Critical, Critical, Older than 30 days, Recommended, Virus Removal)</p> <p>5.18.2 Schedule (Daily, Weekly, Monthly)</p>	
	<p>5.19 Deployment</p> <p>5.19.1 Reboot Options</p> <p>5.19.2 Warn user and wait for x min and then reboot</p> <p>5.19.3 Reboot immediately after update</p> <p>5.19.4 Ask user about reboot and offer to delay</p> <p>5.19.5 Ask permission, if no response in x min reboot</p> <p>5.19.6 Skip reboot</p> <p>5.19.7 Do not reboot after update, send email</p>	



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	5.20 Procedures 5.20.1 Pre-Update Procedure 5.20.2 Pre-Reboot Procedure 5.20.3 Post-Update Procedure 5.20.4 Post-Reboot Procedure	
	5.21 Schedule Daily, Weekly, Monthly	
	5.22 Alerting 5.22.1 New patch is available 5.22.2 Deployment fails 5.22.3 OS Auto Update changed	
	5.23 Management 5.23.1 Dashboard 5.23.2 Patch Approval 5.23.3 Vulnerabilities List 5.23.4 Patch History	



	<p>5.24 Capability to access remote systems without disturbing the user</p> <ul style="list-style-type: none"> 5.24.1 Access to Command Prompt 5.24.2 Access to Event Viewer 5.24.3 Access to Asset Summary 5.24.4 Access to Registry 5.24.5 Access File Manager (Download, Rename, Delete, Move, Copy, Upload) 5.24.6 Access to Task manager 5.24.7 Access to Processes 5.24.8 Access to Services 5.24.9 Easy administration of users and policies 5.24.10 Access computers from anywhere 5.24.11 Password protected 5.24.12 Access computers from anywhere 5.24.13 Private Remote-Control Session for Windows 5.24.14 Shadow Support for Terminal Server Sessions 5.24.15 Remote Control Session is Logged 5.24.16 Supports Multiple Monitors 5.24.17 Supports Keyboard Mapping and Short-cut 5.24.18 Secure Communications 5.24.19 Peer to peer or relay connection 5.24.20 Provide the end user control and security to enable or disable remote control functions until granted approval 5.24.21 Screen Recording 5.24.22 Accessible from a web browser 5.24.23 Automatically creates tickets based on alarm 5.24.24 Use email to update end users and receive feedback 5.24.25 Ticketing policies 5.24.26 Field customization 5.24.27 Clients can file tickets on their own 5.24.28 Auto assign tickets to technical personnel 5.24.29 Email notification of ticket status to client and technical personnel 5.24.30 Aging of tickets 5.24.31 Detailed list, table and graphic style reports 5.24.32 Hardware and Software Inventory 5.24.33 Complete Computer Changes 5.24.34 Disk Utilization 5.24.35 License Usage and Compliance 5.24.36 Network Usage and Statistics 5.24.37 Server and Workstation Uptime History 5.24.38 Help Desk Trouble Tickets 5.24.39 Computer Logs and Status 5.24.40 Schedule Reports for Automatic Distribution 5.24.41 Distribute automatically to selected e-mail recipients 	
	<p>5.25 Flexible Report Customization</p> <ul style="list-style-type: none"> 5.25.1 Report for all, groups or specific computers 5.25.2 Detailed filtering and content selection 5.25.3 Add own logo 5.25.4 Immediate viewing with hyperlinks for quick data access 5.25.5 Save reports with selected parameters for reuse 5.25.6 Saved reports can be designated as private or shared 5.25.7 Export report data to HTML, Microsoft Word or Excel 	



	<p>5.26 Centralized Management</p> <p>5.26.1 Multi-tenant Capable</p> <p>5.26.2 Ability to group systems</p> <p>5.26.3 Assign Admin users</p> <p>5.26.4 Ability to assign roles, scope and groups to Admin Users</p> <p>5.26.5 Logs activities of Users using the system</p> <p>5.26.6 Ability to access Admin system remotely</p> <p>5.26.7 Ability to manage, monitor local and remote systems in a single console (without the need for a private connectivity).</p> <p>5.26.8 Ability to deploy policies, monitoring definitions to both local and remote systems using a single console.</p> <p>5.26.9 Ability to throttle bandwidth consumption used by agents and server to manage bandwidth and network traffic.</p>	
	<p>5.27 System Security</p> <p>5.27.1 Compliance to HIPAA and PCI</p> <p>5.27.2 Remote control sessions to end-user machines/servers is encrypted using Transport Layer Security (TLS)</p> <p>5.27.3 Access to the user and admin web interface is encrypted using industry standard TLS</p> <p>5.27.4 Agent will not accept any inbound connections; it is impossible for a third-party application to attack the agent from the network</p> <p>5.27.5 All communication from the Agent originates from the agent outbound to the server.</p> <p>5.27.6 Strong access control features (ability to control and manage machines is limited by both role and scope.</p> <p>5.27.7 The Server combines passwords with unique randomly generated challenges for each attempt, hashed with SHA-256.</p> <p>5.27.8 Protects against man-in-the-middle attacks by encrypting all communications between the agent and the server with FIPS certified 256-bit AES using a key that rolls every time the server task the agent, often multiple times per day.</p> <p>5.27.9 There are no plain text data packers passing over the network.</p> <p>5.27.10 Each time a technician remote administers, perform an action, or otherwise manages a system, it is logged in the system log.</p> <p>5.27.11 Offers an optional system tray application which allows the end user to disable or enable remote control to the system.</p> <p>5.27.12 Must have Common Criteria Certified EAL2 + (ISO 15408)</p> <p>5.27.13 Must have Federal Information Processing Standards (FIPS) 140-2</p> <p>5.27.14 Must have 9001 and 27001 ISO standards certification</p>	
	6 Server for Desktop Management and e-learning Applications	
	6.1 Quantity: 1 unit	
	6.2 Form factor: Tower	
	6.3 Processor: 1x Intel® Xeon® Silver 4110 2.1G, 8C/16T, 9.6GT/s 2UPI, 11M Cache, Turbo, HT (85W) DDR4-2400. Up to two Intel® Xeon® Scalable processors, up to 14 cores per processor	
	6.4 Memory: 2x 32GB RDIMM, 2666MT/s, Dual Rank up to 16 DDR4 DIMM slots, Supports RDIMMS/ LRDIMMS, speeds up to 2666MT/s, 512GB max Supports registered ECC DDR4 DIMMs only	
	6.5 Storage controllers Internal controllers: PERC H730P+ RAID Controller, 2GB NV Cache, Adapter	



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	6.6 Drive bays: Up to 4 or 8 x 3.5" SAS/SATA (HDD/SSD) max 96TB or up to 16 x 2.5" SAS/SATA (HDD/SSD) max 61TB	
	6.7 Hard disk: 6x 300GB 15K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive	
	6.8 Power supplies: Dual 1100W hot-plug PSU; Gold efficiency 450W Cabled AC PSU 2 hot pluggable fans with N+1 redundancy	
	6.9 Bezel Optional security bezel Embedded / At-Server with Lifecycle Controller Direct REST API with Redfish	
	6.10 Consoles & Mobile OpenManage Enterprise OpenManage Essentials OpenManage Power Center OpenManage Mobile	
	6.11 Integrations OpenManage integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections OpenManage connections: Nagios & Nagios XI, Operations Manager i (OMi)	
	6.12 Security TPM 1.2/2.0 optional Cryptographically signed firmware Silicon Root of Trust Secure Boot System Lockdown System Erase	
	6.13 I/O & Ports 2 x 1GbE LOM 9 x USB (5 x USB 2.0, 4 x USB 3.0) Video card: VGA Up to 5 PCIe Gen3 slots	
	6.14 Supported operating systems Canonical® Ubuntu® LTS Citrix® XenServer® Microsoft Windows Server® with Hyper-V Red Hat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi	
	6.15 Pre-installed with Microsoft Windows Server 2012, Standard Edition 64 Bit or latest version	
	6.16 Pre-installed with Microsoft SQL Server 2012, Standard Edition 64 Bit, with latest service pack	
	7 Warranties, Training and Certifications	
	7.1 The warranty for Desktop should be at least three (3) years, and 1-year for the Collaborative white board.	
	7.2 The software subscription and support must be 1-year and shall commence from the issuance of certificate of final acceptance	
	7.3 Certification from Department of Education – Bureau of Curriculum Development (DepED-BCD) that the e-learning materials are aligned with the K-12 Curriculum Guide. And for Local Titles, proof of copyright certificate from National Library issued to E-Learning Provider	
	7.4 The supplier must provide two (2) days LMS training for School Administrator and teachers with at least two (2) representatives per school. The training modules or educational materials must support on a mobile device.	
	7.5 Winning Bidder must provide two (2) days comprehensive (official curriculum) training on installation, configuration, administration and troubleshooting for two (2) IT personnel per school for Anti-Virus and Desktop Management Systems.	
	7.6 All costs relative to the conduct training must be at the expense of the winning bidder, including transportation, food, and training materials of the participants within Metro Manila. For participants outside Metro Manila, a three-day training will be organized by the winning bidder and will be held within Metro Manila. Training venue, food and training materials will be at the account of the winning bidder.	
	7.7 The Anti-Virus must be in the Leaders Magic Quadrant for the year 2018.	
	7.8 The Anti-virus must pass the AV-Test Corporate Endpoint Protection Approved for the year 2017.	
	7.9 The Anti-Virus Manufacturer must have Unlimited 24x7 call and email technical support included in the license.	



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8	Services support requirements	
	8.1 The bidder must install the computer package including set-up, configuration, testing and successful commissioning of the full system prior delivery.	
	8.2 Upon delivery, the winning bidder must provide the support for the duration of 12 months. The Technical Support which shall commence from the issuance of the Certificate of Final Acceptance and Completion.	
	8.3 The Desktop/PC Manufacturer shall provide 100% technical support Service Level Agreement (SLA). The bidder's technical support structure and escalation procedure during the maintenance period must include the following: 8.3.1 Level 1 and 2 Technical Support with 8 x 5 SLA; 4-hour response time within Metro Manila and next business day for provincial areas 8.3.1.1 Escalation Procedure	
	8.4 Warranty and After Sales Support for Desktops and Monitors 8.4.1 3-year on-site support warranty on parts and labor. obligation for the warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total contract price. The bidder manufacturers must provide a central toll free HOTLINE Number and e-mail address 8.4.2 Remote support shall be provided immediately by the manufacturer through the HOTLINE upon receipt of service call via the toll free HOTLINE number. For email service request, the response time is 24 hours. 8.4.3 On-site support service should be provided by the manufacturer the next business day after final remote diagnosis for delivered items within Metro Manila, at most, 2 business days for outside Metro Manila. 8.4.4 The bidder's manufacturer must have the capacity to provide nationwide on-site support and provide the central support hotline and email. 8.4.5 The desktops and monitors manufacturer should have at least two (2) depots within the country 8.4.6 The on-site support engineers must comply with the following: possess all mandatory certifications for technical support required by the Manufacturer of the Brand or a certified Computer Hardware Servicing NC-II or Licensed Electronics Technician or Manufacturer's Certified Technician. 8.4.7 The winning bidder must provide replacement of defective items delivered should be made within fifteen (15) calendar from notice of defects from procuring agency. 8.4.8 The winning bidder shall guarantee that service units shall be provided while waiting for the replacement of defective units that are still within the warranty period. The service unit should be made available prior to the pullout of the defective equipment.	
9	Bidder's Qualification	
	9.1 The bidder must have an SLCC within the last 7-years from the date of bidding	



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	9.2 The bidder must have actual or similar deployment with the offered solution																							
	9.3 The bidder must be an authorized dealer / distributor or reseller of the brand being offered. A current and valid manufacturer's certification authorizing the bidder to participate in this project shall be submitted and must be included in its technical component of its bid directly in favor of the bidder participating in the bidding. The BAC will not accept authorization distributorship agreement coming from an authorized distributor, dealer or reseller in the Philippines																							
	9.4 The bidder must be ISO 9001: 2015 certified (Quality Management System), for joint venture agreement, at least one of the JV should be ISO 9001: 2015 certified																							
	9.5 The PC manufacturer must be ISO 9001:2015 certified (Quality Management System)																							
	9.6 The PC manufacturer brand should be in the top five (5) in IDC for the year 2017.																							
	9.7 The Desktop should be energy star registered																							
	9.8 The Desktop should be EPEAT registered																							
	9.9 The bidder must be an authorized dealer / distributor or reseller of the E-Learning Software being offered. A current and valid Publisher's certification authorizing the bidder to participate in this project shall be submitted and must be included in its technical component of its bid directly in favor of the bidder participating in the bidding																							
	9.10 The bidder who has lowest calculated bid must provide Proof of Concept (POC) for the computer desktop, e-learning, anti-virus, and desktop management systems. The bidder shall be given a maximum of five (5) working days to complete the setup and demonstration of their offer. All the costs required for providing the POC shall be borne by Single / Lowest Calculated Bidder (S/LCB).																							
	9.11 Proof of Concept Script																							
	<table border="1"> <thead> <tr> <th>Component</th> <th>Test Procedure</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td rowspan="8" style="text-align: center;">Administrative Module</td> <td>Check the ability to create unlimited number of courses</td> <td></td> </tr> <tr> <td>Check built-in management tools</td> <td></td> </tr> <tr> <td>Check the presence of SCORM Based lesson and activities</td> <td></td> </tr> <tr> <td>Check built-in student assessment tools (Quiz, Assignment, Test Modules</td> <td></td> </tr> <tr> <td>Check Reporting tools for Teachers and Administrators</td> <td></td> </tr> <tr> <td>Check built-in Analytic Tools</td> <td></td> </tr> <tr> <td>Check System Backup tools</td> <td></td> </tr> <tr> <td>Check built-in Group Management Module</td> <td></td> </tr> <tr> <td>Check built-in messaging and forum system</td> <td></td> </tr> </tbody> </table>	Component	Test Procedure	Results	Administrative Module	Check the ability to create unlimited number of courses		Check built-in management tools		Check the presence of SCORM Based lesson and activities		Check built-in student assessment tools (Quiz, Assignment, Test Modules		Check Reporting tools for Teachers and Administrators		Check built-in Analytic Tools		Check System Backup tools		Check built-in Group Management Module		Check built-in messaging and forum system		
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	Content Library Module	Check the functionality of the Content Library for Grades 1 to 10		
		Check the presence of Content for Science (Gr1-10)		
		Check the presence of Content for Math (Gr1-10)		
		Check the presence of Content for English (Gr1-10)		
		Check the presence of Content for Aralin Panlipunan (Gr1-10)		
		Check the presence of Content for Filipino (Gr1-10)		
		Check the presence of Content for ICT (Gr1-10)		
		Check the presence of Content for Mapeh (Gr1-10)		
		Check if content is available online and offline		
	Content Library Module	Check the functionality of the Content Library for Grades 11		
		Check the presence of Content for Oral Communication		
		Check the presence of Content for Statistics & Probability		
		Check the presence of Content for Earth Science		
		Check the presence of Content for Physical Science		
		Check the presence of Content for Personality Development		
		Check the presence of Content for Disaster Readiness		
		Check the presence of Content for Physical Education		
		Check the presence of Content for Philippine Arts		
		Check if content is available online and offline		



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	Video Library Module	Check the functionality of the Video Library		
		Check the presence of Content for Science		
		Check the presence of Content for Math		
		Check the presence of Content for English		
		Check the presence of Content for Aralin Panlipunan		
		Check the presence of Content for Filipino		
		Check the presence of Content for ICT		
		Check the presence of Content for Mapeh		
		Check if content is available online and offline		
	Activity Sheet Module	Check the functionality of the Activity Sheets for Grades K to 12		
		Check the presence of Content for Science		
		Check the presence of Content for Math		
		Check the presence of Content for English		
		Check the presence of Content for Aralin Panlipunan		
		Check the presence of Content for Filipino		
		Check the presence of Content for ICT		
		Check the presence of Content for Mapeh		
		Check if content is available online and offline		
	Study and Teacher's Guide Module	Check the functionality of the Study/Teachers Guides for Grades K to 12		
		Check the presence of Content for Science		
		Check the presence of Content for Math		
		Check the presence of Content for English		
		Check the presence of Content for Aralin Panlipunan		
		Check the presence of Content for Filipino		
		Check the presence of Content for ICT		
		Check the presence of Content for Mapeh		
		Check if content is available online and offline		
	Test Bank Module	Check the functionality of the Built-in Test Bank for Grades K to 12		
		Check the presence of Content for Science		
		Check the presence of Content for Math		
		Check the presence of Content for English		
		Check the presence of Content for Aralin Panlipunan		
		Check the presence of Content for Filipino		
		Check the presence of Content for ICT		
		Check the presence of Content for Mapeh		
		Check if content is available online and offline		



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	Teacher's Account Module	Check the functionality of the Dynamic Forum module		
		Check the functionality of the Lesson Timer		
		Check the functionality of the Quiz Creation Module		
		Check the functionality of the Course Points Module		
		Check the functionality of the Certificate and Badging System		
		Check the functionality of the Automatic Grading System		
		Check the functionality of the Assignment Management Module		
		Check the functionality of the Import Export Tool		
		Check the functionality of the Instructor's Dashboard		
	Student's Account Module	Check the basic features of the Student's Account module		
		Check the functionality of the Social Newsfeed Module		
		Check the functionality of the built-in Student Dashboard		
		Check the functionality of the built-in Task and Announcement Module		
	Parent's Account Module	Check the basic features of the Parent's Account module		
	Other Features	Check if product can be branded or customized		
		Check the security features of the solution		
		Check the reporting and tracking features of the solution		
		Check the support for uploading other user's content and files		
		Check the functionality of Speech Lab Module		
	System Compatibility	Check if compatible to the following		
		Desktop PC		
		Tablets		
		Smart Phones		
		Interactive Projectors		
		Interactive Touchscreen LED Board		
	10 Payment Schedule:			
	10.1 90% payment – after final inspection and acceptance of the delivered the total number of equipment and licenses stated.			
	10.2 For the Training of the DICT IT Equipment and Hardware, the remaining 10% payment will be made upon submission of the certificate service rendered.			



11 Delivery Schedule		
	Item	Delivery Date
	Collaborative White Board with one (1) year warranty on parts and labor	120 calendar days after receipt of Notice to Proceed
	Brand New Desktop Computer bundled with windows 10 Pro 64-bit Operating System; One (1) year Anti-virus subscription and Three (3) years warranty on parts and labor	
	Desktop Management System Professional edition	
	Brand New Server with Microsoft windows server 2012; Microsoft Sql Server 2012; One (1) year anti-virus subscription and three (3) years warranty on parts and labor	
	Stand Alone e-Learning system with perpetual license to use; K-12 Curriculum aligned content, lessons, and activities, administrator account, and parents account features; Online Central eLearning Management System and One (1) year software/system support and updates	
	Comprehensive Training on installation, configuration and administration on the Collaborative white board, desktop management system, brand new server and stand-alone e-Learning system	60 calendar days after Delivery of IT Equipment and Licenses.
12. Testing Criteria and Process Acceptance		
	<p>12.1 Physical Test. The DICT's inspection team shall conduct an actual physical inspection of the delivered equipment. The delivered equipment shall conform the following criteria:</p> <ul style="list-style-type: none"> • That the delivered equipment are brand new and in good working condition. • Specifications must be equal to the technical specifications as enumerated in Clauses 1, 2, 3, 4, 5, and 6 of Section VII. Technical Specifications. • It must see to it that the parts and accessories are complete including manuals, and • The equipment and devices including their bundled software applications shall be subjected to 24-hour reliability test during training period or inspection period by DICT's Inspection Team. 	
	<p>12.2 Functional Operation Test: The verification of functional operation of the delivered equipment including their bundled software applications shall be confirmed by DICT's acceptance team during the training period and/or operation testing.</p>	



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	13. Final Acceptance - An acceptance certificate shall be issued by DICT to certify that all delivered equipment and bundled software applications are fully operational and the system is fully compliant with the contract requirements.	
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_____ Name of Company	_____ Signature Over Printed Name Of Authorized Representative	_____ Date
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DICTBAC REVISED CHECKLIST OF REQUIREMENTS FOR BIDDERS AS OF 26 JULY 2018

Name of Company : _____
 Name of the Project : Supply, Delivery and Training on Installation, Configuration and Administration of IT Equipment and Hardware Bundled with Software and E-Learning Applications
 Bid Reference Number : DICTBAC-2018-001
 ABC : ₱125,000,000.00

Ref. No.	Particulars
ENVELOPE 1: ELIGIBILITY AND TECHNICAL DOCUMENTS	
ELIGIBILITY DOCUMENTS	
CLASS "A" DOCUMENTS	
12.1	<p>(a.1.) ELIGIBILITY DOCUMENTS</p> <p>i. Registration Certificate from the Securities and Exchange Commission (SEC) for corporations, Department of Trade and Industry (DTI) for sole proprietorship, or from Cooperative Development Authority (CDA) for cooperatives</p> <p>ii. Valid and Current Business/Mayor's Permit issued by the city or municipality where the principal place of business of the prospective bidder is located OR the equivalent document for Exclusive Economic Zones or Areas;</p> <p style="padding-left: 40px;">In cases of recently expired Mayor's / Business Permits, said permit shall be submitted together with the official receipt as proof that the bidder has applied for renewal with the period prescribed by the concerned local government units, provided that the renewed permit shall be submitted as a post-qualification requirement.</p> <p>iii. Valid and Current Tax Clearance issued by Philippines' Bureau of Internal Revenue (BIR) Accounts Receivable Monitoring Division per Executive Order 398, Series of 2005;</p> <p>iv. Copy of each of the following Audited Financial Statements for 2017 and 2016 (in comparative format or separate reports):</p> <p style="padding-left: 40px;">a. Independent Auditor's Report;</p> <p style="padding-left: 40px;">b. Balance Sheet (Statement of Financial Position); and</p> <p style="padding-left: 40px;">c. Income Statement (Statement of Comprehensive Income)</p> <p>OR</p> <p>Submission of valid and current PHILGEPS Certificate of Registration and Membership (Platinum Registration) together with Annex A in lieu of (Items i., ii., iii., iv.) Eligibility Documents.</p> <p>Note: Bidder must ensure that all Class "A" Eligibility Documents are valid and current at the time of submission of PHILGEPS Certificate of Registration and Membership (Platinum Registration). In case any of the submitted Eligibility Documents are not valid and current at the time of submission of Platinum Registration, bidders are required to submit the valid and current documents together with the Platinum Registration.</p> <p>In case the bidder opt to submit their Class "A" Documents, the Certificate of PhilGEPS Registration (Platinum Membership) shall remain as post-qualification requirement to be submitted in accordance with Section 34.2 of the 2016 Revised IRR of RA9184.</p>



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	"GPPB Circular 07-2017 dated 31 July 2017".	
	v. Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (Revised Annex I as of 23 July 2018)	
	vi. Statement of Completed Single Largest Contract from January 2011 up to the day before the deadline for the submission bids of similar in nature equivalent to at least fifty percent (50%) of the ABC. (Revised Annex I-A as of 23 July 2018)	
	<p>vii. Duly signed Net Financial Contracting Capacity Computation (NFCC)* per Annex II, in accordance with ITB Clause 5.5 or a committed Line of Credit equivalent to at least ten percent (10%) of the ABC from a universal or commercial bank</p> <p>a. Should the bidder opt to submit NFCC, computation must be equal to the ABC of the project. *NFCC = [(Current Assets minus Current Liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.</p> <p>Notes:</p> <p>A. The values of the bidder's current assets and current liabilities shall be based on the data submitted to BIR through its Electronic Filing and Payment System.</p> <p>B. Value of all outstanding or uncompleted contracts refers those listed in Annex-I.</p> <p>C. The detailed computation using the required formula must be shown as provided above.</p> <p>D. The NFCC computation must at least be equal to the total ABC of the project.</p> <p>OR</p> <p>b. Should the bidder opt to submit a Committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC issued by a Local Universal or Local Commercial Bank.</p>	
CLASS "B" DOCUMENTS (FOR JOINT VENTURE)		
	<p>viii. For Joint Ventures, Bidders to submit either:</p> <ol style="list-style-type: none"> 1. Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence; or 2. Copy of Protocol / Undertaking of Agreement to Enter into Joint Venture signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful. (Revised Annex III as of 23 July 2018) <p>The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex III) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.</p> <p>For Joint Venture, the following documents must likewise be submitted</p>	



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	<p>by each partner:</p> <ol style="list-style-type: none"> 1. Registration Certificate from the Securities and Exchange Commission (SEC) for corporations or from Department of Trade and Industry (DTI) for sole proprietorship, or from Cooperative Development Authority (CDA) for cooperatives; 2. Valid and Current Business/Mayor's Permit issued by the city or municipality where the principal place of business of the prospective bidder is located OR the equivalent document for Exclusive Economic Zones or Areas; <p>In cases of recently expired Mayor's / Business Permits, said permit shall be submitted together with the official receipt as proof that the bidder has applied for renewal with the period prescribed by the concerned local government units, provided that the renewed permit shall be submitted as a post-qualification requirement;</p> <ol style="list-style-type: none"> 3. Valid and current Tax Clearance issued by Philippines' Bureau of Internal Revenue (BIR) Accounts Receivable Monitoring Division per Executive Order 398, Series of 2005; 4. Copy of each of the following Audited Financial Statements for 2016 and 2015 (in comparative form or separate reports): <ol style="list-style-type: none"> a. Independent Auditor's Report; b. Balance Sheet (Statement of Financial Position); and c. Income Statement (Statement of Comprehensive Income) <p>Each of the above statements must have stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions.</p> <p>OR</p> <ol style="list-style-type: none"> 5. Submission of valid and current PHILGEPS Certificate of Registration and Membership (Platinum Registration) together with Annex A in lieu of the eligibility documents. <p>Note: Bidder must ensure that all Class "A" Eligibility Documents are valid and current at the time of submission of PHILGEPS Certificate of Registration and Membership (Platinum Registration). In case any of the submitted Eligibility are not valid and current at the time of submission of Platinum Registration, bidders are required to submit the valid and current documents.</p> <p>In case the JV Partners opt to submit their Class "A" Documents, the Certificate of PhilGEPS Registration (Platinum Membership) shall remain as post-qualification requirement to be submitted in accordance with Section 34.2 of the 2016 Revised IRR of RA9184. "GPPB Circular 07-2017 dated 31 July 2017".</p>	
	<p>For item (v) to (vi) of the required eligibility documents, submission by any of the Joint Venture partner constitutes compliance.</p>	
<p>TECHNICAL DOCUMENTS</p>		
<p>12.1 (b)(i)</p>	<p>Bid security shall be issued in favor of the DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (DICT) valid at least one hundred twenty (120) days after date of bid opening in any of the following forms:</p>	



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	<p>a) BID SECURING DECLARATION per Annex IV; or</p> <p>b) Cashier's / Manager's Check equivalent to at least 2% of ABC issued by an Universal or Commercial Bank.</p> <p>c) Bank Draft / Guarantee or Irrevocable Letter of Credit issued by a Universal or Commercial Bank equivalent to at least 2% of the ABC: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank</p> <p>d) Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security equivalent to at least 5% of the ABC</p>																		
	<table border="1" style="width: 100%;"> <tr> <td colspan="2" style="text-align: center;">Description</td> <td>Supply, Delivery and Training on Installation, Configuration and Administration of IT Equipment and Hardware Bundled with Software E-Learning Applications</td> </tr> <tr> <td colspan="2" style="text-align: center;">Qty</td> <td>1 lot</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total ABC (PhP) (VAT Inclusive)</td> <td>125,000,000.00</td> </tr> <tr> <td rowspan="4" style="text-align: center;">BID SECURI TY</td> <td style="text-align: center;">Cashier's / Manager's Check equivalent to at least 2% of the ABC</td> <td rowspan="2" style="text-align: center;">PhP2,500,000.00</td> </tr> <tr> <td style="text-align: center;">Bank Draft / Guarantee or Irrevocable Letter of Credit equivalent to at least 2 % of the ABC</td> </tr> <tr> <td style="text-align: center;">Surety Bond equivalent to at least 5% of the ABC</td> <td style="text-align: center;">PhP6,500,000.00</td> </tr> <tr> <td style="text-align: center;">Bid Securing Declaration</td> <td style="text-align: center;">No required percentage</td> </tr> </table>	Description		Supply, Delivery and Training on Installation, Configuration and Administration of IT Equipment and Hardware Bundled with Software E-Learning Applications	Qty		1 lot	Total ABC (PhP) (VAT Inclusive)		125,000,000.00	BID SECURI TY	Cashier's / Manager's Check equivalent to at least 2% of the ABC	PhP2,500,000.00	Bank Draft / Guarantee or Irrevocable Letter of Credit equivalent to at least 2 % of the ABC	Surety Bond equivalent to at least 5% of the ABC	PhP6,500,000.00	Bid Securing Declaration	No required percentage	
Description		Supply, Delivery and Training on Installation, Configuration and Administration of IT Equipment and Hardware Bundled with Software E-Learning Applications																	
Qty		1 lot																	
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	Surety Bond equivalent to at least 5% of the ABC	PhP6,500,000.00																	
	Bid Securing Declaration	No required percentage																	
12.1 (b)(ii)	<p>Proof of Authority of the Bidder's authorized representative/s:</p> <p>a) FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Duly notarized Special Power of Attorney</p> <p>b) FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Duly notarized Secretary's Certificate evidencing the authority of the designated representative/s.</p> <p>c) IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.</p>																		
12.1 (b)(iii)	<p>Omnibus Sworn Statements (Revised Annex V as of 23 July 2018)</p> <p>a) Authority of the designated representative</p> <p>b) Non-inclusion of blacklist or under suspension status</p> <p>c) Authenticity of Submitted Documents</p> <p>d) Authority to validate Submitted Documents</p> <p>e) Disclosure of Relations</p> <p>f) Compliance with existing labor laws and standards</p> <p>g) Bidder's Responsibility</p> <p>h) Did not pay any form of consideration</p> <p>i) Company Official Contact Reference</p>																		
12.1 (b)(iv)	Company Profile (Revised Annex VI as of 23 July 2018). Company printed																		



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	brochure may be included	
12.1 (b)(v)	Vicinity / Location of Bidder's principal place of business	
12.1 (b)(vi)	Certificate of Performance Evaluation (Revised Annex VII as of 23 July 2018) showing a rating at least Satisfactory issued by the Bidder's Single Largest Completed Contract Client stated in the submitted Revised Annex I-A as of 23 July 2018;	
12.1 (b)(vii)	Completed and signed Technical Bid Form (Revised Annex VIII as of 23 July 2018)	
12.1 (b)(viii)	Brochure (original or internet download) / Technical Data Sheet or equivalent document	
12.1 (b)(ix)	Valid and Current Certificate of Distributorship / Dealership/ Resellership of the following product being offered, issued by the principal or manufacturer of the product (if Bidder is not the manufacturer). If not issued by manufacturer, must also submit certification / document linking bidder to the manufacturer	
12.1 (b)(x)	Valid and current ISO 9001 (2015) Quality Management System Certificate issued to the manufacturer of the Desktop/PC being offered issued by an Independent Certifying body;	
12.1 (b)(xi)	The Manufacturer of the Desktop/PC being offered should certify that: <ul style="list-style-type: none"> a. The Manufacturer has the capacity to provide nationwide onsite support and should have a central support hotline and email. b. The Manufacturer must have at least two parts depot within the country to ensure sufficient number of spare parts. c. The Manufacturer's onsite support engineers must comply with the following qualifications: possess all mandatory certifications for technical support required by the Manufacturer of the Brand or a certified Computer Hardware Servicing NC-II or Licensed Electronics Technician or Manufacturer's Certified Technician. d. On-site support shall be provided only by the manufacturer. Onsite support engineers should have a valid manufacturer's ID (same as the Brand or Desktop delivered) e. Onsite support Service Level should be provided the Next Business Day after final remote diagnosis for delivered items within Metro Manila. At most 2 Business Days for outside Metro Manila. 	
12.1 (b)(xii)	Bidder must submit any of the following documents to show that the bidder has an actual or similar deployment with the offered solution (in accordance with 9.2. of the Technical Specifications): <ul style="list-style-type: none"> a. Purchase Order b. Project Contract c. End User's Acceptance d. Sales Invoice e. Official Receipt/Collection Receipt 	
12.1 (b)(xiii)	Compliance with the Revised Schedule of Requirements as of 23 July 2018 as per Section VI	
12.1 (b)(xiv)	Compliance with the Revised Technical Specifications as of 26 July 2017 as per Section VII	
ENVELOPE 2: FINANCIAL DOCUMENTS		
13.1 (a)	Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Financial Bid Form hereto attached Revised Annex IX as of 23 July 2018.	
	Description	Qty
	ABC P (VAT Inclusive)	
Total		
SUPPLY AND DELIVERY OF INFORMATION TECHNOLOGY (IT) EQUIPMENT AND		1 Lot
		PhP125,000,000.00



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	HARDWARE BUNDLED WITH SOFTWARE AND E-LEARNING APPLICATIONS OF THE DICT FOR THE TECH4ED FOR SCHOOLS		
	The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted. Further, the sum of bid for each item indicated in the Detailed Financial Breakdown per Revised Annex X as of 23 July 2018 must be equal to the signed and submitted Financial Bid Form per Annex IX.		
13.1 (a)	<u>Detailed Financial Breakdown per Revised Annex X as of 23 July 2018</u>		
15.4(a)(i) & 15.4(b)(ii)	Completed “For Goods Offered from Abroad” and/or “For Goods Offered From Within the Philippine” Forms per <u>Revised Annex XI-A as of 23 July 2018</u> and <u>Revised Annex XI-B as of 23 July 2018, whichever is applicable.</u>		
13.1 (b)	If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a Certification from the DTI, SEC or CDA to be enclosed pursuant to the Revised IRR of R.A. 9184.		
NOTE:	In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail		