



ADDENDUM NO. 01 Series of 2021

This Addendum No. 01 is issued to modify or amend items in the Bidding Documents for the **Subscription of various applications for the operation of CHED-Upgrading of Flexible Teaching and Leading Experience**. This shall form an integral part of the Bid Documents.

Name of Project: **Subscription of various applications for the operation of CHED-Upgrading of Flexible Teaching and Leading Experience**

Location: CSU Campus, Ampayon, Butuan City

Brief Description:

Approved Budget for the Contract : **Php. 9,840,400.00**

Source of Funds: Trust Receipt Fund (TRF) - 2021

Contract Duration: 30 Calendar Days

Please be informed of the changes in the Bidding Documents, as follows:

CHANGES/ AMENDMENT	
SPECIFICATION	
FROM	TO
ITEM	DESCRIPTION
1	<p>ANNUAL PREMIUM SUBSCRIPTION TO AUTOMOTIVE ELEARNING-THE INTERACTIVE ONLINE DISTANT LEARNING FOR AUTOMOTIVE</p> <p>*Includes the following:</p> <ol style="list-style-type: none"> 1. Automotive Essentials 2. Electric Drive 3. Engine Management Simulator 4. Learning Management System 5. Customized Modules <p>*Automotive Essentials Topics Tools, Maintenance, Periodic Check up, Physics, Sustainability, Safety and Environment, Engines, Transmission and Clutch, Cooling Systems, Lubrication, Gasoline System, Diesel Systems, Wheels and Tires, Brakes, Wheel Suspension, Climate Control, Safety Systems, Lightning</p> <p>*Electric Drive Starting and Charging Systems, Electronics, Networks, Introduction to Electric Drive, Working on Hybrid Vehicles, Categories of Electric Drive, Components, Electric Motors, Hybrid Systems, HV Charging System, Safety Systems, Battery Management System. *Engine Management Simulator.</p> <p>*The simulator can include the following tools during fault finding: 1. Oscilloscope 2. Multimeter 3. Diagnostic System 4. Breakout Box 5. Fuel pressure gauge 6. Jump Starter 7. Replace parts 8. Replace wires.</p> <p>– *Good for 200 student licenses for One Year Subscription</p>



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2	<p>ANNUAL PREMIUM SUBSCRIPTION TO CHEMISTRY-VIRTUAL CLASSROOM</p> <p>*Provide Individual Evaluation.</p> <p>*Laboratories and Content developed according to educational standard. - Teacher and Student Guide is available.</p> <p>*Multimedia content and simulator is available.</p> <p>*The design and structure of each learning activity is focused on problem solving, and critical thinking - Activities based on current methodologies, exercises, and techniques which help the student better understand the material, and the scientific environment. *Eleven (11) units of the following multimedia content: • Matter. • Atoms, elements, and compounds. • Chemical reactions. • Solutions. • Gases. • Carbon. • Cycloalkanes, Alkanes and Alkynes. • Alcohols, Aldehydes and Ketones. • Carboxylic acids, Acyl halides, Anhydrides, Esters and Amides. • Nitriles, ethers, benzene, and amines. • Biological Compounds. *2D Simulators: Nine (9) laboratory simulators in 2D, which are: • Density• Separation of Mixtures• Calorimetry• Chemical Equilibrium and pH • Titration• Gases • Alkanes, Cycloalkanes, Alkenes and Alkynes • Alcohols, Aldehydes, Ketones and Carboxylic acids • Derivatives of Carboxylic Acids and Amines. *Good for 100 Student Licenses and can be configured into two virtual classrooms (50 licenses in each virtual classroom) and can be used with multiple schedules/ sections. *Perpetual License Subscription UNIT: LOT QUANTITY 1</p>	<p>CHEMISTRY- eLEARNING and VIRTUAL CLASSROOM</p> <p>*Provide Individual Evaluation.</p> <p>*Laboratories and Content developed according to educational standard. - Teacher and Student Guide is available.</p> <p>*Multimedia content and simulator is available.</p> <p>*The design and structure of each learning activity is focused on problem solving, and critical thinking - Activities based on current methodologies, exercises, and techniques which help the student better understand the material, and the scientific environment. *Eleven (11) units of the following multimedia content: • Matter. • Atoms, elements, and compounds. • Chemical reactions. • Solutions. • Gases. • Carbon. • Cycloalkanes, Alkanes and Alkynes. • Alcohols, Aldehydes and Ketones. • Carboxylic acids, Acyl halides, Anhydrides, Esters and Amides. • Nitriles, ethers, benzene, and amines. • Biological Compounds. *2D Simulators: Nine (9) laboratory simulators in 2D, which are: • Density• Separation of Mixtures• Calorimetry• Chemical Equilibrium and pH • Titration• Gases • Alkanes, Cycloalkanes, Alkenes and Alkynes • Alcohols, Aldehydes, Ketones and Carboxylic acids • Derivatives of Carboxylic Acids and Amines. *Good for 100 Student Licenses and can be configured into two virtual classrooms (50 licenses in each virtual classroom) and can be used with multiple schedules/ sections. <u>*Perpetual License Subscription</u></p>
3	<p>ANNUAL PREMIUM SUBSCRIPTION TO ELECTRONICS 3D CIRCUIT DESIGN, SIMULATION AND CIRCUIT ANALYSIS SOFTWARE</p> <p>*A powerful, industrial strength, online circuit simulator tool that allows to analyze & design analog, digital, VHDL, Verilog, Verilog A & AMS, MCU, and mixed electronic circuits including also SMPS, RF, communication, and optoelectronic circuits and test microcontroller applications in a mixed circuit environment. Electrical & electronics engineers will find this easy to use, high performance tool, while Educators will welcome its unique features for the training environment and distance education. *Good for 52 Licenses for One Year Subscription and can be use with multiple user access and multiple schedules/ sections. UNIT: LOT, QUANTITY: 1</p>	<p>ELECTRONICS 3D CIRCUIT DESIGN, SIMULATION AND CIRCUIT ANALYSIS SOFTWARE</p> <p>*A powerful, industrial strength, online circuit simulator tool that allows to analyze & design analog, digital, VHDL, Verilog, Verilog A & AMS, MCU, and mixed electronic circuits including also SMPS, RF, communication, and optoelectronic circuits and test microcontroller applications in a mixed circuit environment. Electrical & electronics engineers will find this easy to use, high performance tool, while Educators will welcome its unique features for the training environment and distance education.</p> <p><u>*Good for 52 Licenses for One Year Subscription and can be use with multiple user access and multiple schedules/ sections.</u></p>
4	<p>ANNUAL PREMIUM SUBSCRIPTION TO GEODETIC ENGINEERING DESIGN SOFTWARE</p> <p>*Interactive corridor design for road, rail, and pipeline projects. Design culverts, bridge sites, and more.</p> <p>*Work with a wide variety of survey data formats: total station, drone, LiDAR and more Including up to 10 million LiDAR pts</p> <p>*Create 3D terrain surfaces and contours. *Control your typical cross -sections (ie. sub -assemblies) easily.</p> <p>*Design vertical and horizontal curves compliant with TAC or AASHTO standards, or import your own local government standards. *Calculate quantities, movement schedule, and earthwork costs as you design. *Educational Version License for University. UNIT: LOT, QUANTITY: 1</p>	<p>GEODETIC ENGINEERING DESIGN SOFTWARE</p> <p>*Interactive corridor design for road, rail, and pipeline projects. Design culverts, bridge sites, and more.</p> <p>*Work with a wide variety of survey data formats: total station, drone, LiDAR and more Including up to 10 million LiDAR pts</p> <p>*Create 3D terrain surfaces and contours. *Control your typical cross -sections (ie. sub -assemblies) easily.</p> <p>*Design vertical and horizontal curves compliant with TAC or AASHTO standards, or import your own local government standards. *Calculate quantities, movement schedule, and earthwork costs as you design.</p> <p>*Educational Version License for University.</p> <p><u>*Perpetual Subscription</u></p>



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<p>5</p>	<p>ANNUAL PREMIUM SUBSCRIPTION TO MULTI - TECHNOLOGY DESIGN AND SIMULATION SOFTWARE ONLINE VERSION UPGRADE *This software contains libraries and modules for: Hydraulics, Pneumatics, components sizing - energy, bill of material and report, catalogue manager, Manufacturers ' catalogues, Control panels and 2D -3D HMI, Teach ware - workflow, Didactic support SFC Compilers, Sequential function chart, Digital electronics, APISs/, Script language, PLC ladder logic, CAN bus, Block Diagram -Math, Electrical Controls, Electro technical One -line, Electro technical, Mechanical. *Online Version Upgrade to the existing 20 network license and 1 single license of CSU for multiple user access for One (1) year including maintenance. UNIT: LOT, QUANTITY: 1</p>	<p>MULTI -TECHNOLOGY DESIGN AND SIMULATION SOFTWARE ONLINE VERSION UPGRADE *This software contains libraries and modules for: Hydraulics, Pneumatics, components sizing -energy, bill of material and report, catalogue manager, Manufacturers ' catalogues, Control panels and 2D -3D HMI, Teach ware - workflow, Didactic support SFC Compilers, Sequential function chart, Digital electronics, APISs/, Script language, PLC ladder logic, CAN bus, Block Diagram -Math, Electrical Controls, Electro technical One -line, Electro technical, Mechanical. <u>*Online Version Upgrade to the existing 20 network license and 1 single license of CSU-Cabadbaran Campus for multiple user access for One (1) year</u></p>
<p>6</p>	<p>ANNUAL PREMIUM SUBSCRIPTION TO MULTI - TECHNOLOGY INTERACTIVE E -LEARNING PLATFORM FOR ENGINEERING AND TECHNOLOGY *With the use of different teaching tools such as text, 3D animation, video, audio and virtual simulation. *Complete electronic access to all of the offered multi -technology learning material. -Has 287 courses, over 1000 modules, 3300 hours of learning material per year. *Fully interactive multimedia accessible to unlimited number of users *Available 24/7 for total learning flexibility than can be accessed anytime and anywhere. *Includes content management system to administer quizzes, track grades, provide reporting. *Creation of tailored courses using any of the modules for customized student learning plan. *Uses a variety of effective teaching tools such as text, 3D animation, video, audio and virtual simulation. *Guided student learning through a tutorial platform Categories. *Automation, Electronics, Electrical, Fluid Power, Green Energy, Lean Manufacturing, Machining, Manufacturing Process, Materials, Measurement and Gauging, Mechanical, Prints and Drawings, Structural Engineering, Surveying, Thermal Processes, Quality Assurance. *Academe License – Unlimited Users Access for One Year Subscription to all contents. UNIT: LOT, QUANTITY: 1</p>	<p>MULTI -TECHNOLOGY INTERACTIVE eLEARNING PLATFORM FOR ENGINEERING AND TECHNOLOGY *With the use of different teaching tools such as text, 3D animation, video, audio and virtual simulation. *Complete electronic access to all of the offered multi - technology learning material. -Has 287 courses, over 1000 modules, 3300 hours of learning material per year. *Fully interactive multimedia accessible to unlimited number of users *Available 24/7 for total learning flexibility than can be accessed anytime and anywhere. *Includes content management system to administer quizzes, track grades, provide reporting. *Creation of tailored courses using any of the modules for customized student learning plan. *Uses a variety of effective teaching tools such as text, 3D animation, video, audio and virtual simulation. *Guided student learning through a tutorial platform Categories. *Automation, Electronics, Electrical, Fluid Power, Green Energy, Lean Manufacturing, Machining, Manufacturing Process, Materials, Measurement and Gauging, Mechanical, Prints and Drawings, Structural Engineering, Surveying, Thermal Processes, Quality Assurance. <u>*Academe License – Unlimited Users for One Year Subscription to all contents</u></p>
<p>7</p>	<p>ANNUAL PREMIUM SUBSCRIPTION TO PHYSICS -VIRTUAL CLASSROOM *Provide Individual Evaluation. *Laboratories and Content developed according to educational standard. *Teacher and Student Guide is available. *Multi - media content and simulator is available. *The design and structure of each learning activity is focused on problem solving, and critical thinking. *Activities based on current methodologies, exercises, and techniques which help the student better understand the material, and the scientific environment. UNIT: LOT, QUANTITY: 1</p>	<p>PHYSICS – eLEARNING and VIRTUAL CLASSROOM *Provide Individual Evaluation. *Laboratories and Content developed according to educational standard. *Teacher and Student Guide is available. *Multi -media content and simulator is available. *The design and structure of each learning activity is focused on problem solving, and critical thinking. *Activities based on current methodologies, exercises, and techniques which help the student better understand the material, and the scientific environment. CloudLabs Physics: Contents: Eleven (11) units of the following multimedia content: • Introduction to Physics. • Fluids. • Measurements and quantities. • Thermodynamics. • Kinematics • Simple Harmonic Motion. • Dynamics and Statics. • Waves. • Work, Energy and Power. • Optics.</p>



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		<p>2D Simulators: Nine (9) laboratory simulators in 2D, which are: • Vectors. • Thermodynamics. • Uniform Linear Motion. • Waves. • Newton's Second Law. • Optics. • Statics. • Electricity.</p> <p>3D Simulators: Three (3) 3D simulator laboratory stations, which are: • Pendulum motion (S.H.M.). • Fluids (Pascal's Principle)</p> <p><u>Good for 100 Student Licenses and can be configured into two virtual classrooms (50 licenses in each virtual classroom) and can be used with multiple schedules/ sections</u> <u>Perpetual License Subscription</u></p>
8	<p>DATA COMMUNICATIONS SIMULATION COURSEWARE</p> <p>*Server: Install and Storage Professional Simulation Courseware This courseware prepares students for Server Professional: Install and Storage certification exam and Microsoft's Installation, Storage, and Compute with Windows Server certification exam. *Through this course, students gain valuable experience with installation, storage, and OS features and functionality available in Windows Server.</p> <p>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 3 years subscription and can be use with multiple schedules/ sections.</p> <p>*Routing and Switching Professional Simulation Courseware.</p> <p>*This online courseware shall build a student's ability to use Cisco networking devices and prepares them for five certification exams: Routing Professional Certification, Switching Professional Certification, Cisco Certification, and the Cisco CCNA composite exam. *Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 3 years subscription and can be use with multiple schedules/ sections. UNIT: LOT, QUANTITY: 1</p>	<p>DATA COMMUNICATIONS SIMULATION COURSEWARE</p> <p>*Server: Install and Storage Professional Simulation Courseware This courseware prepares students for Server Professional: Install and Storage certification exam and Microsoft's Installation, Storage, and Compute with Windows Server certification exam. *Through this course, students gain valuable experience with installation, storage, and OS features and functionality available in Windows Server.</p> <p><u>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 18 months/1.5yrs subscription and can be use with multiple schedules/ sections.</u></p> <p>*Routing and Switching Professional Simulation Courseware.</p> <p>*This online courseware shall build a student's ability to use Cisco networking devices and prepares them for five certification exams: Routing Professional Certification, Switching Professional Certification, Cisco Certification, and the Cisco CCNA composite exam.</p> <p><u>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 18 months/1.5yrs subscription and can be use with multiple schedules/ sections.</u></p>
9	<p>MATHEMATICS -VIRTUAL CLASSROOM</p> <p>*Mathematics I. *Operations, numbering and divisibility, Decimals, Fractions and proportionality, Geometric figures, area and perimeter, Circumference triangles, Polygons, perimeter and area, Elementary algebra, Equation systems, Radicals and quadratic function, Space geometry, Statistics and probability. *Mathematics II. *Triangles and trigonometric ratios, Trigonometric functions, Identities and trigonometric equations, Straight line, conic sections and polar coordinates, Matrices and determinants, Real numbers. *Good for 100 Student Licenses and can be configured into two virtual classrooms (50 licenses in each virtual classroom) and can be used with multiple schedules/ sections. *Perpetual License Subscription. UNIT: LOT, QUANTITY: 1</p>	<p>MATHEMATICS -eLEARNING AND VIRTUAL CLASSROOM</p> <p>*Mathematics I. *Operations, numbering and divisibility, Decimals, Fractions and proportionality, Geometric figures, area and perimeter, Circumference triangles, Polygons, perimeter and area, Elementary algebra, Equation systems, Radicals and quadratic function, Space geometry, Statistics and probability. *Mathematics II. *Triangles and trigonometric ratios, Trigonometric functions, Identities and trigonometric equations, Straight line, conic sections and polar coordinates, Matrices and determinants, Real numbers. <u>*Good for 100 Student Licenses and can be configured into two virtual classrooms (50 licenses in each virtual classroom) and can be used with multiple schedules/ sections. *Perpetual License Subscription.</u></p>



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<p>10</p>	<p>NETWORK & SECURITY SIMULATION COURSEWARE *Network Professional Simulation Courseware. *This online courseware prepares students for the Network Professional Certification Exam and Vendor -Neutral Network Certification Exam. *Students gain the knowledge and skills they need to install, configure, and maintain a network for a small business. *Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 3 years subscription and can be use with multiple schedules/ sections. *Security Professional Simulation Courseware. *This online courseware prepares students for Computer Security Professional certification, Vendor -Neutral Security International Certification, and (ISC)2's SSCP certification exams. *Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 3 years subscription and can be use with multiple schedules/ sections. UNIT: LOT, QUANTITY: 1</p>	<p>NETWORK & SECURITY SIMULATION COURSEWARE *Network Professional Simulation Courseware. *This online courseware prepares students for the Network Professional Certification Exam and Vendor -Neutral Network Certification Exam. *Students gain the knowledge and skills they need to install, configure, and maintain a network for a small business. <u>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 18 months/1.5yrs subscription and can be use with multiple schedules/ sections.</u> *Security Professional Simulation Courseware. *This online courseware prepares students for Computer Security Professional certification, Vendor -Neutral Security International Certification, and (ISC)2's SSCP certification exams. <u>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 18 months/1.5 years subscription and can be use with multiple schedules/ sections.</u></p>
<p>11</p>	<p>PERSONAL COMPUTER PROFESSIONAL SIMULATION COURSEWARE *This online courseware prepares students for the PC Professional and Computer Hardware vendor-neutral international certification exams. *Students be able to use multiple learning formats to learn how to install, manage, and secure computer hardware and master home and corporate OS environments. *The courseware provides the students with unlimited number of certification practice exams. *Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 3 years subscription and can be use with multiple schedules/ sections. UNIT: LOT, QUANTITY: 1</p>	<p>PERSONAL COMPUTER PROFESSIONAL SIMULATION COURSEWARE *This online courseware prepares students for the PC Professional and Computer Hardware vendor-neutral international certification exams. *Students be able to use multiple learning formats to learn how to install, manage, and secure computer hardware and master home and corporate OS environments. *The courseware provides the students with unlimited number of certification practice exams. <u>*Good for 50 Student Licenses and 1 Teacher License for One Virtual Classroom for 18 months/1.5 years subscription and can be use with multiple schedules/ sections.</u></p>
		<p><u>TERMS AND CONDITIONS:</u></p> <p><u>WARRANTY:</u> Warranty is within the Courseware Subscription Period with Technical Support</p> <p><u>DELIVERY PERIOD:</u> Thirty (30) Days Delivery Period</p> <p><u>Other Terms and Conditions:</u></p> <ul style="list-style-type: none"> Bidder must submit brochure/catalog indicating the brand name of bid items as additional Technical Requirements. Failure to submit is a ground for disqualification. Bidder must submit Certificate of Exclusivity/Distributorship/Resellership from the developer/manufacturer of the eLearning Coursewares Bidder must provide trainer's certification from the developer/manufacturer that their Technical Trainers/Engineers are authorized to give technical training and support of the eLearning Courseware/s. Bidder must provide demo account for the different coursewares that will be used during the post-qualification evaluation. Must attach a document that contains the demo



Republic of the Philippines
CARAGA STATE UNIVERSITY
Ampayon, Butuan City 8600, Philippines
Competence Service Uprightness

Phone: 09175030963
(+6385) 341-2296
URL: <http://www.carsu.edu.ph>
Email: csu.bacsecretariat@carsu.edu.ph



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		<p>account details as well as the instructions on how to access the courseware.</p> <ul style="list-style-type: none">Winning Bidder must conduct After Sales Training via online after the completion of activation of the eLearning Courseware licenses.
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For guidance and information of all concerned.


ARMIE LEILA M. MORDENO, DPA, CSEE
BAC Chairperson

Received by the Bidder:

