

**CONTRACT AND AGREEMENT
FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

KNOW ALL MEN BY THESE PRESENTS:

This Contract, made and entered into this MAR 07 2022 day of **February 2022** in Butuan City, Agusan del Norte, Philippines, by and between:

CARAGA STATE UNIVERSITY, a State University created by virtue of Republic Act No. 9854, with principal office at Ampayon, Butuan City, Agusan del Norte, Philippines, represented herein by its University President, **ANTHONY M. PENASO, Ph.D.**, and hereinafter referred to as "**CSU**";

- and -

InfiniteCare Technology Solutions, Inc. (ITSI) a company duly organized and existing under and by virtue of the laws of the Republic of the Philippines, with business office address at JV Serina St. Zone 6 Carmen Cagayan de Oro City 9000 Misamis Oriental, Philippines, represented in this Contract **BENJIE J. ESQUIVEL**, CEO/President and hereinafter referred to as the "**SUPPLIER**."

W I T N E S S E T H :

WHEREAS, the Caraga State University advertised the Invitation to Apply for Eligibility and to Bid of the **Provision of ICT Equipment for the operation of CHED-IDEAS Lab**, posted the same in the www.carsu.edu.ph website, the PhilGEPS and a conspicuous place at the premises of the Caraga State University continuously for 22 days;

WHEREAS, after the opening of the bids on **January 10, 2022**, and conducted the bid evaluation and post qualification on **January 14, 2022**, the bid submitted by the **SUPPLIER** was found to be the single calculated and responsive bid;

WHEREAS, the Bids and Award Committee, under **Resolution No. 09 s. of 2022**, dated **January 14, 2022**, recommended to the CSU Board of Regents, to award the above mentioned Bid to the **SUPPLIER** in the amount of **Seven Million Six Hundred Seventy-eight Thousand Pesos (P 7,678,000.00)**, Philippine Currency;


WHEREAS, the **SUPPLIER** duly accepted the award by signing its conforme on the said Notice of Award;

NOW, THEREFORE, for and in consideration of the foregoing premises and the mutual covenants, stipulations and agreements herein contained, the **CSU** and the **SUPPLIER** have agreed, as they do hereby agree, on the contract as follows:

ARTICLE I

CONTRACT DOCUMENTS

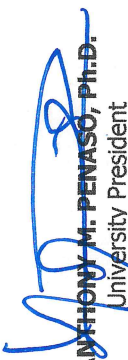
- 1.01 The following documents shall constitute integral parts of this Contract, as fully as if the contents of the said documents are reproduced, incorporated and set forth herein, and shall govern and control in full force and effect the rights and obligations of the Parties, except as otherwise modified by the terms and conditions of this Contract, or by mutual agreement in writing of both parties, to wit:


RAYMOND C. FERNANDO
Representative


BENJIE J. ESQUIVEL
CEO/President


MARK ANTHONY M. CAVAPIEZ
End User


ARMIE LEILA M. MORDENO, DPA, CSEE
Vice President for Administration and Finance


ANTHONY M. PENASO, Ph.D.
University President

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- (a) General and Special Conditions of Contract;
- (b) Specifications;
- (c) Invitation to Bid;
- (d) Instructions to Bidders;
- (e) Bid Data Sheet;
- (f) Addenda and/or Supplemental/Bid Bulletins, if any;
- (g) Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes;
- (h) Eligibility requirements, documents and/or statements;
- (i) Performance Security;
- (j) Credit line issued by a licensed bank, if any;
- (k) Notice of Award of Contract and the Bidder's conforme thereto;
- (l) Other contract documents that may be required by existing laws and/or the Entity.

1.02 The following documents shall also be made integral parts of this Contract as if their contents are incorporated, reproduced and set forth herein, and shall have the same force, effect and applicability as the documents enumerated in the immediately preceding paragraph hereof, to wit:

- a. Duly approved Cost Estimates
- b. Certificate of Availability of Funds/Authority to Pay
- c. Abstract of Bids
- d. Resolution of the BAC Recommending Award of Contract
- e. Other pertinent documents as may be reasonably required by existing laws and/or the **CSU**


1.03 The words and expressions in this Contract shall have the same meanings respectively assigned to them in the Contract Documents referred to above.

ARTICLE II

**SUPPLIER'S UNDERTAKING
SCOPE OF WORK**

2.01 The **SUPPLIER**, in consideration of the payment to be made by the **CSU** to the **SUPPLIER**, as stated in the Contract Documents and this Contract, the latter hereby covenants to execute and complete the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**, as follows:

A. BILL OF QUANTITIES:


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Item no:	Item Description / Specifications	Qty	Unit	Unit Price	Total Amount
1	DESKTOP COMPUTER Processor: Core: 6, Threads: 12, Max. Freq. 3.6 Ghz, Smart Cache 12 MBHDD: 1TB Video Card:GDDR5, 2GB, Direct x 12 Open GL 4.5 Support, DVI,HDMI 2.0,Display Port 1.4 Memory: 8GB RAMDDR Casing with power supplyGeneric 20" monitor AVR, keyboard, mouse Windows 10 Professional Warranty: 1 year with technical support	10	Set	P 49,800.00	P 498,000.00
2	LAPTOP COMPUTER Processor: Core: 4, Threads: 8, Max. Freq. 4.5 Ghz,Smart Cache 8MB HDD: 1TB SSD: 512 GB Memory: 8GB DDR Video Card: 6GB GDDR6 192 bit, Core Speed: 960-1200 Mghz With Power adapter, bag, 32GB thumb drive USB 3.0, Warranty: 1 year, with technical support	5	Unit	P 59,880.00	P 299,400.00
3	HIGH PERFORMANCE COMPUTER FOR COMPUTATIONAL CHEMISTRY WITH COMPUTING DEVICES AND ACCESSORIES High Performance Computing (HPC) Server, Branded Processor : 2 x 3.3Ghz, 12C/24T, 10.4GT/s,24.75M Cache,Turbo, HT (165W) DDR4-2933 Memory : 4 x 32GB RDIMM 3200MT/s, Dual Rank DIMM slots : 24 DDR4 DIMM Slots, Supports RDIMM / LRDIMM Storage (Sys) : BOSS Controller Card + with 2 M.2 Sticks 480GB(RAID 1), FH Storage (Data) : 4 x 2.4TB, SAS Drive 10K RPM 12Gbps 512e 2.5"Hot-Plug Controller : PERC H750 Adapter, Low Profile Drive Bays : Up to 16 x 2.5" SAS/SATA (HDD/SSD) or 8 x 3.5"SAS/SATA HDD Network / LAN : 10GbE SFP+, rNDC Transceiver : 4 x SFP+ SR Optic 10GbE 850nm Transceiver Modules Patch Cord : 2 x Fiber Patch Cord, LC-LC, 2m Accelerator : 3 x Full-height, full-length (FHFL) 10.5", dual-slot, Base:765 MHz, Memory clock 1215 MHz, Memory type HBM2, Memory size:40GB, 5120 bits, Up to 1555 GB/s, 250W, DW, FullHeight GPU Power Supply : Dual, Hot-plug, Redundant Power Supply, 2000W Power Cord : 2 x Jumper Cord-C19/C20, 0.6M, 250V, 16A Form Factor : 2U Rack Mount Accessories : Ready Rails Sliding Rails with Cable Management Arm Management : iDRAC9, Enterprise Software : Open Manage Enterprise Advanced	1	Lot	P 6,880,600.00	P 6,880,600.00

RAYMOND C. FERNANDO
Representative





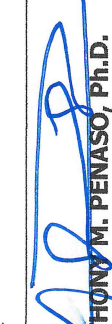
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MARK ANTHONY M. LAVAPIEZ
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<p>or better Support : Support and Onsite Service Initial-Emerging DBS, 36 Months OS : Proprietary Operating system, Single Academic OLP 16 Licenses No Level Core License with 5 License No Level Device CAL Eng'g Services : Installation of OS and setup of the server. Warranty: 3 years with technical support UPS, Online Double Conversion, Single Phase, 10kVA Equipment Specifications: Input Dual Input : Yes Rated Voltage : 220 / 230 / 240 1-Phase Rated Frequency : 50/60 Hz \pm 5% Voltage Tolerance : 230 \pm 20% Power factor : > 0.98 Current distortion : $\leq 5\%$ Bypass Voltage Tolerance : 180 / 264 VAC Frequency tolerance : $\pm 5\%$ (selectable by user) Bypass Overload : 110% continuous, 130% for 1 hr., 150% for 3 sec. Output Nominal Power : 10 kVA Active Power : 10 kW Rated Voltage : 220 / 230 / 240 1-Phase (selectable) Rated Frequency : 50 or 60 Hz Waveform : Sinusoidal Output sockets : Terminal board + 2 IEC 320 C13 + 1 IEC 320 C19 Batteries Type : VRLA AGM Maintenance-Free Lead Based Battery Config : 12V SMF VRLA Batteries (Internal)</p> <p>Engineering Services Installation and configuration and commissioning of the UPS. Warranty: 3 year, with technical support</p> <p>C. PC, All-in-One, Branded (10 Units) Processor : 8 Cores/16MB/16Threads/2.5GHz to 4.9GHz/65W) Memory : 1 x 8GB DDR4 Non- ECC Memory Storage : 1TB, 2.5" SATA Drive 7200 RPM Graphics : Arch. Turing Shaders, Boost Clock 1665 MHz, Memory Speed: 8 GBps, GDDR5 4GB Power Supply : Platinum Power Supply Unit Wireless : Wi-Fi 6, Dual-band 2x2 802.11ax with MU-MIMO Bluetooth : Bluetooth 5.1 Accessories : Wireless Keyboard & Mouse, Black and Basic Stand Built-in SW : AI Optimization (Optimizer); and Support Assist OS Recovery Tool Display : 23.8" FHD 1920x1080 IPS Non-Touch Anti-Glare, Discrete Graphics IR Camera : Yes Warranty : 3-Years ProSupport and NBD Onsite Service OS : 64x Based operating System, Latest Version, built in anti virus UPS : 650VA / 360W, USB, 230V Eng'g Services : Installation and setup of AIO</p>					<p> RAYMOND C. FERNANDO Representative</p> <p> BENJIE J. ESQUIVEL CEO/President</p> <p> MARK ANTHONY M. LAVAPIEZ End User</p> <p> ARMIE LEILA M. MORDENO, DPA, CSEE Vice President for Administration and Finance</p> <p> ANTHONY M. PENASO, Ph.D. University President</p>
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	<p>PCs. with technical support</p> <p>D. Academic Site Binary License for First Unix Machine Type</p> <p>Single Unix Machine Type License. All supported x86_64-based/Linux computer systems covers all four of the following G16 x86-64/Linux binaries versions: Legacy (pre-SSE4.2-enabled) x86_64-based Linux binaries SSE4.2-enabled x86_64-based Linux binaries AVX-enabled x86_64-based Linux binaries AVX2-enabled x86_64-based Linux binaries</p> <p>Fundamental Algorithms</p> <ul style="list-style-type: none"> • Calculation of one- & two-electron integrals over any contracted gaussian functions • Conventional, direct, semi-direct and in-core algorithms • Linearized computational cost via automated fast multipole methods (FMM) and sparse matrix techniques • Harris initial guess <p>Initial guess generated from fragment guesses or fragment SCF solutions</p> <ul style="list-style-type: none"> • Density fitting and Coulomb engine for pure DFT calculations, including automated generation of fitting basis sets • exact exchange for HF and hybrid DFT • 1D, 2D, 3D periodic boundary conditions (PBC) energies & gradients (HF & DFT) • Shared-memory (SMP), cluster/network and GPU- based parallel execution <p>Model Chemistries</p> <p>Molecular Mechanics</p> <ul style="list-style-type: none"> • Amber, DREIDING and UFF energies, gradients, and frequencies • Custom force fields • Standalone MM program <p>Ground State Semi-Empirical</p> <ul style="list-style-type: none"> • CNDO/2, INDO, MINDO3 and MNDO energies and gradients • AM1, PM3, PM3MM, PM6 and PDDG energies, gradients and reimplemented (analytic) frequencies • PM7: original and modified for continuous potential energy surfaces • Custom semi-empirical parameters (Gaussian and MOPAC External formats) • DFTB and DFTBA methods <p>Self Consistent Field (SCF)</p> <ul style="list-style-type: none"> • SCF restricted and unrestricted energies, gradients and frequencies, and RO energies and gradients • EDIIS+CDIIS default algorithm; optional Quadratic Convergent SCF • SCF procedure enhancements for very large calculations • Complete Active Space SCF (CASSCF) energies, gradients & frequencies • Active spaces of up to 16 orbitals 						<p> RAYMOND C. FERNANDO Representative</p> <p> BENJIE J. ESQUIVEL CEO/President</p> <p> MARK ANTHONY M. LAVAPIEZ End User</p> <p> ARMIE LEILA M. MORDENO, DPA, CSEE Vice President for Administration and Finance</p> <p> ANTHONY M. PENASO, Ph.D. University President</p>
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<ul style="list-style-type: none"> • Restricted Active Space SCF (RASSCF) energies and gradients • Generalized Valence Bond-Perfect Pairing energies and gradients • Wavefunction stability analysis (HF & DFT) <p>Density Functional Theory Closed and open shell energies, gradients & frequencies, and RO energies & gradients are available for all DFT methods.</p> <ul style="list-style-type: none"> • EXCHANGE FUNCTIONALS: Slater, $X\alpha$, Becke 88, Perdew- Wang 91, Barone-modified PW91, Gill 96, PBE, OPTX, TPSS, revised TPSS, BRx, PKZB, ωPBEh/HSE, PBEh • CORRELATION FUNCTIONALS: VWN, VWN5, LYP, Perdew 81, Perdew 86, Perdew-Wang 91, PBE, B95, TPSS, revised TPSS, KCIS, BRC, PKZB, VP86, V5LYP • OTHER PURE FUNCTIONALS: VSXC, HCTH functional family, τHCTH, B97D, M06L, SOGGA11, M11L, MN12L, N12, MN15L • HYBRID METHODS: B3LYP, B3P86, P3PW91, B1 and variations, B98, B97-1, B97-2, PBE1PBE, HSEh1PBE and variations, O3LYP, TPSSh, τHCTHhyb, BMK, AFD, M05, M052X, M06, M06HF, M062X, M08HX, PW6B95, PW6B95D3, M11, SOGGA11X, N12, MN12SX, N12SX, MN15, HISSbPBE, X3LYP, BHandHLYP; user- configurable hybrid methods • DOUBLE HYBRID: B2PLYP & mPW2PLYP and variations with dispersion, DSDPBEP86, PBE0DH, PBEQIDH (see also below in "Electron Correlation") • EMPIRICAL DISPERSION: PFD, GD2, GD3, GD3BJ • FUNCTIONALS INCLUDING DISPERSION: APFD, B97D3, B2PLYPD3 • LONG RANGE-CORRECTED: LC-ωPBE, CAM-B3LYP, ωB97XD and variations, Hirao's general LC correction • Larger numerical integrations grids <p>Electron Correlation: All methods/job types are available for both closed and open shell systems and may use frozen core orbitals; restricted open shell calculations are available for MP2, MP3, MP4 and CCSD/CCSD(T) energies.</p> <ul style="list-style-type: none"> • MP2 energies, gradients, and frequencies • Double hybrid DFT energies, gradients and frequencies, with optional empirical dispersion (see list in "Density Functional Theory" above) • CASSCF calculations with MP2 correlation for any specified set of states • MP3 and MP4(SDQ) energies and gradients • MP4(SDTQ) and MP5 energies • Configuration Interaction (CISD) energies & gradients 					
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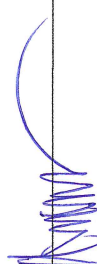
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<ul style="list-style-type: none"> • Quadratic CI energies & gradients; QCISD(TQ) energies • Coupled Cluster methods: restartable CCD, CCSD energies & gradients, CCSD(T) energies; optionally input amplitudes computed with smaller basis set • Optimized memory algorithm to avoid I/O during CCSD iterations • Brueckner Doubles (BD) energies and gradients, BD(T) energies; optionally input amplitudes & orbitals computed with a smaller basis set • Enhanced Outer Valence Green's Function (OVGF) methods for ionization potentials & electron affinities • Complete Basis Set (CBS) MP2 Extrapolation • Douglas-Kroll-Hess scalar relativistic Hamiltonians • Automated High Accuracy Energies <ul style="list-style-type: none"> • G1, G2, G3, G4 and variations • CBS-4, CBS-q, CBS-QB3, ROCBS-QB3, CBS-Q, CBS-APNO • W1U, W1BD, W1RO (enhanced core correlation energy calculation) • Basis Sets and DFT Fitting Sets <ul style="list-style-type: none"> • STO-3G, 3-21G, 6-21G, 4-31G, 6-31G, 6-31G†, 6-311G, D95, D95V, SHC, CEP-nG, LanL2DZ, cc-pV{D,T,Q,5,6}Z, Dcc-p{D,T}Z, SV, SVP, TZV, QZVP, EPR-II, EPR-III, Midil, UGBS*, MTSmall, DG{D, T}ZVP, CBSB7 • Augmented cc-pV*Z schemes: Aug-prefix, spAug-, dAug-, Truhlar calendar basis sets (original and regularized) • Effective Core Potentials (through second derivatives): LanL2DZ, CEP through Rn, Stuttgart/Dresden • Support for basis functions and ECPs of arbitrary angular momentum • DFT FITTING SETS: DGA1, DGA1, W06, older sets designed for SVP and TZVP basis sets; auto-generated fitting sets; optional default enabling of density fitting • Geometry Optimizations and Reaction Modeling <ul style="list-style-type: none"> • Geometry optimizations for equilibrium structures, transition structures, and higher saddle points, in redundant internal, internal (Z-matrix), Cartesian, or mixed internal and Cartesian coordinates • GEDIIS optimization algorithm • Redundant internal coordinate algorithm designed for large system, semi-empirical optimizations • Newton-Raphson and Synchronous Transit-Guided Quasi-Newton (QST2/3) methods for locating transition structures • IRCMax transition structure searches • Relaxed and unrelaxed potential energy surface scans 				
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<ul style="list-style-type: none"> • Implementation of intrinsic reaction path following (IRC), applicable to ONIOM QM:MM with thousands of atoms • Reaction path optimization • BOMD molecular dynamics (all analytic gradient methods); ADMP molecular dynamics: HF, DFT, ONIOM(MO:MM) • Optimization of conical intersections via state-averaged CASSCF • Generalized internal coordinates for complex optimization constraints Vibrational Frequency Analysis • Vibrational frequencies and normal modes (harmonic and anharmonic), including display/output limiting to specified atoms/residues/modes (optional mode sorting) • Restartable analytic HF and DFT frequencies • MO:MM ONIOM frequencies including electronic embedding • Analytic Infrared and static and dynamic Raman intensities (HF & DFT; MP2 for IR) • Pre-resonance Raman spectra (HF and DFT) • Projected frequencies perpendicular to a reaction path • NMR shielding tensors & GIAO magnetic susceptibilities (HF, DFT, MP2) and enhanced spin-spin coupling (HF, DFT) • Vibrational circular dichroism (VCD) rotational strengths (HF and DFT; harmonic and anharmonic) • Dynamic Raman Optical Activity (ROA) intensities (harmonic and anharmonic) • Raman and ROA intensities calculated separately from force constants in order to use a larger basis set • Harmonic vibration-rotation coupling Enhanced anharmonic vibrational analysis, including IRintensities, DCPT2 & HDCPT2 method for resonance- free computations of anharmonic frequencies • Anharmonic vibration-rotation coupling via perturbation theory • Hindered rotor analysis Molecular Properties • Population analysis, including per-orbital analysis for specified orbitals: Mulliken, Hirshfeld, CM5 • Computed atomic charges can be saved for use in a later MM calculation • Electrostatic potential, electron density, density gradient, Laplacian, and magnetic shielding & induced current densities over an automatically generated grid • Multipole moments through hexadecapole • Biorthogonalization of MOs (producing corresponding orbitals) • Electrostatic potential-derived charges (Merz-Singh- Kollman, CHelp, CHelpG, Hu-Lu-Yang) 					
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<ul style="list-style-type: none"> • Natural orbital analysis and natural transition orbitals • Natural Bond Orbital (NBO) analysis, including orbitals for CAS jobs. Integrated support for NBO3; external interface to NBO6 • Static and frequency-dependent analytic polarizabilities and hyperpolarizabilities (HF and DFT); numeric 2nd hyperpolarizabilities (HF; DFT w/ analytic 3rd derivs.) • Approx. CAS spin orbit coupling between states • Enhanced optical rotations and optical rotary dispersion (ORD) • Hyperfine spectra components: electronic g tensors, Fermi contact terms, anisotropic Fermi contact terms, rotational constants, dipole hyperfine terms, quartic centrifugal distortion, electronic spin rotation tensors, nuclear electric quadrupole constants, nuclear spin rotation tensors • ONIOM integration of electric and magnetic properties ONIOM Calculations • Enhanced 2 and 3 layer ONIOM energies, gradients and frequencies using any available method for any layer Optional electronic embedding for MO:MM energies, gradients and frequencies implemented so as to include all effects of the MM environment without neglecting terms in its coupling with the QM region • Enhanced MO:MM ONIOM optimizations to minima and transition structures via microiterations including electronic embedding • Support for IRC calculations • ONIOM integration of electric and magnetic properties Excited States • ZINDO energies • CI-Singles energies, gradients, & freqs. • Restartable time-dependent (TD) HF & DFT energies, gradients and frequencies. TD-DFT can use the Tamm-Dancoff approximation. • SAC-CI energies and gradients • EOM-CCSD energies and gradients (restartable); optionally input amplitudes computed with a smaller basis set • Franck-Condon, Herzberg-Teller and FCHT analyses • Vibronic spectra including electronic circular dichroism (ECD) rotational strengths (HF and DFT) • Resonance Raman spectra • Ciofini's excited state charge transfer diagnostic (Dct) • Caricato's EOMCC solvation interaction models • CI-Singles and TD-DFT in solution • State-specific excitations and de-excitations in solution • An energy range for excitations can be specified for CIS and TD excitation energies 					
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<p>Self-Consistent Reaction Field Solvation Models</p> <ul style="list-style-type: none"> • New implementation of the Polarized Continuum Model (PCM) facility for energies, gradients and frequencies • Solvent effects on vibrational spectra, NMR, and other properties • Solvent effects for ADMP trajectory calcs. • Solvent effects for ONIOM calculations • Enhanced solvent effects for excited states • SMD model for ΔG of solvation <p>Other SCRF solvent models (HF & DFT): Onsager energies, gradients and freqs., Isodensity Surface PCM (I-PCM) energies and Self-Consistent Isodensity Surface PCM (SCI-PCM) energies and gradients</p> <p>Ease-of-Use Features</p> <ul style="list-style-type: none"> • Automated counterpoise calculations • Automated optimization followed by frequency or single point energy • Ability to easily add, remove, freeze, differentiate redundant internal coords. • Simplified isotope substitution and temperature/pressure specification in the route section • Optimizations • Retrieve the nth geometry from a checkpoint file • Recompute the force constants every nth step of a geometry optimization • Reduce the maximum number of allowed steps, including across restarts • 180° flips detected and suppressed for better visualization • Freezing by fragment for ONIOM optimizations • Simplified fragment definitions on molecule specifications • Many more restartable job types • Atom freezing in optimizations by type, fragment, ONIOM layer and/or residue • QST2/QST3 automated transition structure optimizations • Saving and reading normal modes • %OldChk Link 0 command specifies read-only checkpoint file for data retrieval • Default.Route file for setting calculation defaults • Enhanced set of equivalent Default .Route directives, Link 0 commands, command line options and environment variables <p>Integration with External Programs</p> <ul style="list-style-type: none"> • NBO 6 • COSMO/RS • AIMPAC WfnX files • Antechamber • ACID • Pickett's program • DFTB input file <p>General external interface script-based automation, results post-processing,</p>				
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	<p>interchanging data/calculation results with other programs, and so on:</p> <ul style="list-style-type: none"> • Interface routines in Fortran, Python and Perl (open source) • Keyword and Link 0 command support <p>With installation and technical support</p> <p>E. SOLID STATE SOFTWARE</p> <p>30 Lab pack license Should be a perpetual license Should be a flexible configuration license (can be network floating licenses or stand-alone licenses). With Technical Support & Elite Maintenance Program (EMP), 12-Months</p> <ul style="list-style-type: none"> • Feature • Predict, explore, and design novel molecules in a powerful, easy-to- use environment. • Combines modern quantum chemistry software techniques with the mathematical power and usability to provide a comprehensive, easy-to- use environment for the parallel computation of the electronic energies and properties of molecules. • Define molecules instantly from a database of more than 96 million molecules • Run quantum computations with well-known electronic structure methods as well as recently developed advanced methods, enabling cutting-edge research • Analyze molecular energies and properties through publication- quality, 2-D and 3-D plots and animations. <p>With installation and technical support</p>				
	TOTAL				P 7,678,000.00


TOTAL AMOUNT OF BID (including VAT) – **(P 7,678,000.00).**

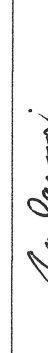
In words: **Seven Million Six Hundred Seventy-eight Thousand Pesos**

2.02 The **SUPPLIER** agrees to supply and deliver the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** at the said university, for and defined in this Contract within **One Hundred Twenty (120) Calendar days** from receipt of Notice to Proceed at its sole cost and expense, and to fully and faithfully furnish all materials, tools, labor supplies, equipment, services and superintendence for the implementation of this Contract in accordance with the schedule in the Contract Documents forming integral parts of this Contract;


2.03 The **SUPPLIER** recognizes the position of trust and confidence reposed in it under this Contract, and agrees to perform its obligations hereunder in the most efficient and competent manner, use its skill and good judgment, always set in good faith, and carry out


RAYMOND C. FERNANDO
Representative


BENJIE RESQUIVEL
CEO/President


MARK ANTHONY M. CAVAPIEZ
End User


ARMIE LEILA M. MORDENO, DPA, CSEE
Vice President for Administration and Finance


ANTHONY M. PENASO, Ph.D.
University President

**CONTRACT AND AGREEMENT
FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

on the execution of this Contract in the most sound, expeditious and economical manner consistent with the interest of the **CSU**;

- 2.04 The **SUPPLIER** shall, prior to the signing/approval of this Contract, submit to **CSU** a performance security in any forms identified in accordance with Section 39 of the RA 9184 and its revised IRR which is also stated in article 4.01 of this contract.

ARTICLE III

CONSIDERATION

- 3.01 For and in consideration of the full, satisfactory and faithful performance by the **SUPPLIER** of all its undertakings defined in and provided for under this Contract and Contract Documents, the **CSU** agrees to pay the **SUPPLIER** the total amount **Seven Million Six Hundred Seventy-eight Thousand Pesos (P 7,678,000.00)**, Philippine Currency; inclusive of all taxes as full compensation for everything furnished and done by the **SUPPLIER** under this Contract, including all works required but not specifically mentioned, and also for all losses and damages to the **SUPPLIER** arising out of the work aforesaid, from the action of the elements, or from any obstruction or difficulty encountered in the prosecution of this Contract, for all expenses incurred by or in consequence of the suspension or discontinuance of the contract herein specified and for faithfully completing the contract and the whole thereof, at the time and in the manner provided in the Contract Documents.

It is agreed and understood that all unit prices specified in this contract shall be considered as fixed prices, and therefore not subject to price escalation during the contract implementation, except under extraordinary circumstances and upon prior approval of the Government Procurement Policy Board (GPPB). Any request for price escalation under extraordinary circumstances shall be submitted by **CSU** to the National Economic and Development Authority (NEDA). Extraordinary circumstances shall refer to events that may be determined by the NEDA in accordance with the Civil Code of the Philippines and upon recommendation of the **CSU**.

- 3.02 Payment of the consideration herein above-mentioned shall be upon the supply and delivery of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for and defined, and fulfillment by the **SUPPLIER** of all the terms and conditions set forth in this contract, and its final acceptance thereof as certified by **Caraga State University**. No payment shall be construed to be an acceptance of a defective unit.
- 3.03 Any payment due and payable to the **SUPPLIER** shall be set off against liquidated damages and payable to the **CSU** by the **SUPPLIER** under this Contract.
- 3.04 All payments shall be subject to existing government accounting and auditing rules and regulations.

ARTICLE IV

PERFORMANCE SECURITY

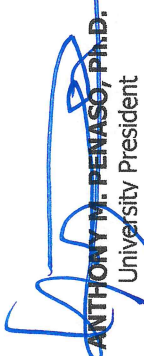
- 4.01 To guarantee the faithful performance of the **SUPPLIER** under this Contract, it shall post upon the signing of the Contract a performance security in the form of cash, manager's check, cashier's check, bank draft/guarantee, irrevocable letter of credit issued by a


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FOR THE**

PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB

reputable commercial bank, surety bond, callable on demand, issued by any reputable surety or insurance company duly certified by the Office of the Insurance Commission that the issuer is authorized to issue such security, and acceptable to **CSU**, or a combination thereof as may be required by **CSU**, in accordance with the following schedule:

- a. Cash or Cashier's/manager's check issued by a Universal or Commercial Bank- **five percent (5%) of the total contract price**
- b. Bank draft/ guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank - **five percent (5%) of the total contract price**
- c. surety bond - **thirty percent (30%) of the total contract price**

- 4.02 This performance security shall be posted in favor of **CSU**, and shall be forfeited in favor of **CSU** in the event it is established that the **SUPPLIER** is in default in any of its obligations under this Contract.
- 4.03 In the execution of the performance security, the following conditions shall be complied with:
- a. It shall be executed in accordance with the form prescribed in the Section 4.01 hereof
 - b. It shall be at least co-terminus with the final completion of the project.
 - c. The following provisions shall form part of the performance security: "The right to institute action on the penal bond pursuant to Act No. 3688 of any individual firm, partnership, corporation and association supplying the **SUPPLIER** with labor and material for the prosecution of the work is hereby acknowledged and confirmed."
- 4.04 Subject to the conditions of the Contract, the performance security may be released by **CSU** after the issuance of the Certificate of Acceptance of the project, provided that there are no claims for defective units filed against the contractor or the surety company.
- 4.05 Should any surety upon the bond for the performance of this Contract become unacceptable to the **CSU**, the **SUPPLIER** shall promptly furnish such replacement security as may be required from time to time up to the sum equal to the amount of the original surety.

ARTICLE V

COMPLETION TIME: LIQUIDATED DAMAGES

- 5.01 The **SUPPLIER** agrees and obligates itself to the supply and delivery of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for and defined for in this Contract within **One Hundred Twenty (120) Calendar days** (including Sundays and Holidays), from the date of receipt of the Notice to Proceed issued by **CSU**. Notice to Proceed shall be issued after this Contract has been signed by the parties hereof.
- 5.02 Time is of the essence of this Contract. Should the **SUPPLIER** refuse or fail to satisfactorily supply and deliver the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for the Caraga State University for and defined in this Contract within the specified contract time, plus any time extension duly granted and is hereby in default under the contract, the **SUPPLIER** shall pay the **CSU** for liquidated damages, and not by way of penalty, an amount equivalent to one-tenth of one percent (0.1%) of the cost for every day of delay (Sundays and Holidays included), until the **PROVISION OF ICT**


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FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB are supplied, delivered and accepted by the **CSU**:

- 5.03 The **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** and defined in this Contract may be deemed usable when it starts to provide the desired benefits as certified by the Representative of Caraga State University.
- 5.04 It is understood that the damages herein provided are fixed and agreed liquidated damages and to be entitled to such damages, **CSU** does not have to prove that it has incurred actual damages. Such amount shall be deducted from any money due or which may become due the **SUPPLIER** under the contract and/or collect such liquidated damages from the retention money or other securities posted by the **SUPPLIER**, whichever is convenient to **CSU**.
- 5.05 In case that the delay in the supply and delivery of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for and defined in this Contract exceed a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the **SUPPLIER**, **CSU** may rescind the contract, forfeit the **SUPPLIER**'s performance security and take over the prosecution of the project or award the same to a qualified contractor through negotiated contract.
- 5.06 In no case, however, shall the total sum of liquidated damages exceed ten percent (10%) of the total contract price, in which event the contract shall automatically be rescinded by **CSU** or award the same to a qualified contractor through negotiation and the erring **SUPPLIER**'s performance security shall be forfeited. The amount of the forfeited performance security shall be aside from the amount of the liquidated damages that the **SUPPLIER** shall pay **CSU** under Section 5.02 hereof and impose other appropriate sanctions.

ARTICLE VI

EXTENSION OF CONTRACT TIME

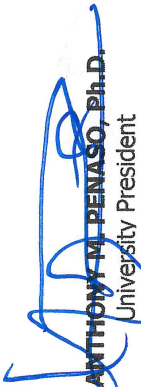
- 6.01 Should there be a possible delay or other special circumstances of any kind whatsoever occur such as to fairly entitle the **SUPPLIER** to an extension of contract time, **CSU** shall determine the length of such extension; provided that **CSU** is not bound to take into account any claim for an extension of time unless the supplier has prior to the expiration of the contract time and within Fifty (50) calendar days after the supply and delivery of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** has commenced or after the circumstances leading to such claim have arisen, delivered to **CSU** notices in order that it could have investigated them at that time. Failure to provide such notice shall constitute a waiver by the **SUPPLIER** of any claim. Upon receipt of full and detailed particulars, **CSU** shall examine the facts and extent of the delay and shall extend the contract time for completing the contract work when, in **CSU**'s opinion, the findings of facts justify an extension.
- 6.02 No extension of contract time shall be granted to the **SUPPLIER** due to (a) ordinary unfavorable weather conditions; and (b) inexcusable failure or negligence of **SUPPLIER** to supply and deliver the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** and defined in this Contract.
- 6.03 No extension of contract time shall be granted when the reason given to support the request for extension was already considered in the determination of the original contract time during the preparation of the contract documents as agreed upon by the parties before contract perfection.


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PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

ARTICLE VII

SUPPLIER'S LIABILITY

- 7.01 The Parties, likewise, hereby agree that the employees of the **SUPPLIER** are not employees of the **CSU**; hence, the **CSU** shall not in any way be liable or responsible for any personal injury or damages, including death sustained or caused by any of the employees of the **SUPPLIER** and/or his sub-contractor or agent or supplier whether or not occurring during the performance of their duties. The **SUPPLIER** agrees and binds itself to indemnify the **CSU** for whatever injuries or damages caused or occasioned or contributed to by the failure, negligence or conduct of the **SUPPLIER** and/or its employees, sub-contractors, agent and supplier or consultants arising out of or in connection with or on the occasion of the performance of this Contract. The **SUPPLIER** shall, at all times, stand solely liable and/or responsible for the enforcement of, and compliance with all existing laws, rules and regulations and binds itself to save and hold the **CSU** free and harmless from any and all liability in respect thereof and/or arising therefrom and/or by reason of this Contract and its implementation.

ARTICLE VIII

RESPONSIBILITY OF THE SUPPLIER

- 8.01 The **SUPPLIER** shall assume full responsibility for all **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** until its final acceptance by the **CSU** and shall be held responsible for any damage or destruction of **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** until such final acceptance.
- 8.02 The **SUPPLIER** shall be fully responsible for the safety, protection, security and convenience of its personnel, third parties and the public at large, as well as the works, equipment, installation and the like to be affected by the supply and delivery of **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**.
- 8.03 Any actionable act or acts of the **SUPPLIER'S** employees arising out of or in the course of this Contract shall be understood and binding as an act of **SUPPLIER** and vice-versa.

ARTICLE IX

INSPECTION

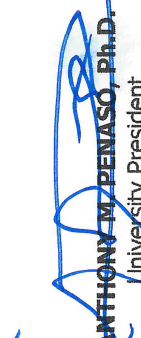
- 9.01 Inspection of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** shall be made by the **CSU** upon delivery to the Caraga State University to ascertain that the supplied, delivered **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** comply in all respects, with the standards and requirements set forth in the Contract Documents. Notwithstanding such inspection, the **SUPPLIER** shall be held responsible for the acceptability of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** shall promptly cause to replace all or any **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** determined by the **CSU** as failing to meet the requirements, at the **SUPPLIER'S** own expense or cost.


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FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

ARTICLE X

NON-ASSIGNMENT AND NO SUBCONTRACT

- 10.01 The **SUPPLIER** shall not, without the written approval of the Caraga State University, assign, transfer, pledge, sub-contract, or make any other disposition of interest in this Contract. Any unapproved assignment, transfer, pledge, sub-contract or any other disposition, shall be sufficient ground for the **CSU** to terminate or cancel this Contract **motu proprio** without need of judicial action pursuant to paragraph 19.01 hereof. Should the **CSU** give its written approval, such consent shall not relieve the **SUPPLIER** of its responsibilities under the Contract. The **SUPPLIER** shall ensure that the terms and conditions of any such sub-contract shall comply and conform to the terms and conditions of the Contract. The **SUPPLIER** shall be responsible for the observance by any such sub-contractor of the terms and conditions of the Contract.
- 10.02 If any portion of the project sub-contracted is not prosecuted faithfully in accordance with the Contract, the sub-contractor shall be removed or replaced immediately upon the written request of the **CSU**, provided, however, that any failure of **CSU** to make such a request shall not relieve the **SUPPLIER** of its obligations under the contract. **CSU** shall not be responsible for the delays or costs incurred by the **SUPPLIER** because of the disapproval or removal of the sub-contractor or because of the late submission of its or his approval.

ARTICLE XI

WARRANTY


- 11.01 All deliveries of good(s) by the **SUPPLIER** shall be subject to inspection and acceptance by Caraga State University. The **SUPPLIER** shall assume full responsibility for the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for and defined in this Contract from the time of supply and delivery up to final acceptance by the **CSU** and shall be held responsible for any damage or destruction of the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**, except those occasioned by force majeure. The **SUPPLIER** shall be responsible for the safety, protection, security, and convenience of the personnel, third parties, and the public at large.
- 11.02 Rejected deliveries of good(s) from the **SUPPLIER** shall be construed as non-delivery of good(s) so delivered and shall be subject to the terms and conditions of Article II, Par 2.03 hereof, without prejudice to the imposition of other sanctions as prescribed under RA 9184 and its' IRR.
- 11.03 The **SUPPLIER** shall guarantee his good(s) delivered free from defects. The defect liability period for the project covered by this Contract shall be in accordance with the warranty provided in the herein Terms of Reference reckoned from the final acceptance of the delivered good(s) as certified by Caraga State University.
- 11.03 After final acceptance of the project by the **CSU**, the **SUPPLIER** shall be held responsible for manufacturing or existing defects within the warranty period as provided in the Terms of Reference for this Procurement from the date of final acceptance thereof by the **CSU**. For this purpose, the **SUPPLIER** shall put warranty security in the form of retention money or special bank guarantee confirmed by a universal or commercial bank acceptable to **CSU** in accordance with the following schedule:
- | | |
|---------------------------|--|
| a. Retention Money | - One percent (1%) of the total contract price |
| b. Special Bank guarantee | - One percent (1%) of the total contract price |


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**CONTRACT AND AGREEMENT
FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**

The warranty security shall be stated in Philippine Pesos, shall remain effective during the warranty period and shall be returned only after the lapse of the said warranty period.

ARTICLE XII

TAXES, LICENSES, PERMITS AND FEES

- 12.01 The **SUPPLIER's** tax, licenses, permits, fees and all other taxes, fees or charges of whatever form, kind or nature or which may be due the national and/or local government units and/or its instrumentalities/agencies on account with regard the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** stipulated herein, fees for the testing and samples and fees for the testing and inspection by all agencies having jurisdiction and all necessary and incidental expenses relative thereto including preparation of documents and notarial fees shall be paid for and obtained by the **SUPPLIER** on its own account. Should the **CSU** be compelled to advance the same, **CSU** is hereby authorized to deduct the amount advanced from whatever amount due the **SUPPLIER** from **CSU**.
- 12.02 The **SUPPLIER** shall pay taxes in full and on time and that failure to do so shall entitle **CSU** to suspend payment to the **SUPPLIER**. Further, the **SUPPLIER** shall during the term of this Contract regularly present to **CSU** a tax clearance from the Bureau of Internal Revenue (BIR) as well as a copy of its income and business tax returns duly stamped and received by the BIR and duly validated with the tax payments made thereon.
- 12.03 All transactions are subject to withholding of creditable Value Added Tax (VAT) per Revenue Regulation No. 10-93.

ARTICLE XIII

AGREEMENT MODIFICATION

- 13.01 No modification, alteration or waiver of any provision herein contained shall be binding on the Parties hereto unless evidenced by a written amendment signed by the parties hereof.
- 13.02 A variation order (change order/extra work order) may be issued by **CSU** under the conditions set forth in the applicable provisions of Republic Act No.9184 and its Implementing Rules and Regulations.

ARTICLE XIV

SEPARABILITY CLAUSE

- 14.01 It is the intent of the Contract that all the documents, annexes and addenda forming part hereof, shall be read together and that each and every provision or stipulation hereof be given full force, effect and applicability. However, in the event that one or more provisions or stipulations herein be declared null and void by the courts, or otherwise rendered ineffective, the remaining provisions and stipulations shall not be affected thereby.

ARTICLE XV

REMEDY AND RELIEF


- 15.01 Should there be any dispute or controversy in connection with this Contract or difference between the Parties arising from the interpretation of this Contract, the Parties hereto shall, as far as practicable, settle the same amicably. In the event that such dispute or


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**CONTRACT AND AGREEMENT
FOR THE
PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB**


disagreement be not resolved to their mutual satisfaction, the matter shall be submitted to arbitration in the Philippines according to the provisions of Republic Act No. 9285, otherwise known as the "Alternative Dispute Resolution Act of 2004". Provided, however, that disputes that are within the competence of the Construction Industry Arbitration Commission to resolve shall be submitted thereto. Provided, further, that, by mutual agreement, the parties hereto may agree in writing to resort to other alternative modes of dispute resolution. Provided, finally, that the arbitration proceeding shall be without prejudice to the right of **CSU** to rescind or terminate this contract in accordance with Article XIX, Section 19.01 hereof.

- 15.02 Should the **CSU** be constrained to resort to court action to enforce or safeguard its rights and interests under this Contract, the **SUPPLIER** shall be liable to the **CSU** for attorney's fees in an amount equivalent to Twenty Percent (20%) of the total sum claimed in the complaint, exclusive of other damages and the expenses of litigation. Venue of such court action shall be laid exclusively in the proper court of the City of Butuan, Agusan del Norte, Philippines.
- 15.03 It is clearly understood that in case a dispute or disagreement arises between the **CSU** and the **SUPPLIER** regarding the manner by which the latter supplied and delivered the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** for and defined in this contract, the **SUPPLIER** shall follow the instruction of the **CSU** relative thereto, otherwise, it shall have no right to ask for arbitration or go to court for relief.

ARTICLE XVI

OTHER COVENANTS


- 16.01 It is expressly agreed and understood that in case of irreconcilable conflict between the provisions of this Contract and the provisions of any of the contract documents, the former shall be controlling.
- 16.02 It should also be clearly understood that any payment or failure of the **CSU** to demand compliance with any of the terms and conditions of this Contract or any act of liberality on the part of the **CSU** shall not be construed or considered as a waiver on the part of the **CSU** for the enforcement of this Contract, nor shall it relieve the **SUPPLIER** of any of its obligations provided thereunder.
- 16.03 Under no circumstances shall the **CSU** be held liable for the payment of any extra work, or extra cost of work, change of work, or change order undertaken without the prior written approval of the **CSU** to perform said work.
- 16.04 Notwithstanding any provision to the contrary, the **CSU** has the right to terminate, cancel and/or rescind this Contract **motu proprio**, in case of breach thereof by the **SUPPLIER**, without need of judicial action by giving at least TEN (10) Days written Notice to that effect to the **SUPPLIER**, which Notice shall be final and binding on all the parties. In such event, the **CSU** may take over and continue the project and the contracts and agreements entered into by the **SUPPLIER** with third parties, which the **CSU** in its discretion, may want to assume are hereby conclusively deemed assigned to the **CSU**. For this purpose, the **SUPPLIER** hereby agrees and obligates itself to incorporate or cause to be incorporated in any contract or agreement with third parties, as same is connected with or related to the performance of any or all of the **SUPPLIER**'s obligations and undertakings hereunder, a stipulation providing for its assignability to and assumption by the **CSU**, at the option of the **CSU**. It is further agreed and understood that upon receipt of the Notice mentioned above, the **SUPPLIER** cannot remove, withdraw or pull-out any of the equipment, machineries,


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FOR THE**

PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB

tools, materials, and/or supplies brought to the project site without the written approval of the **CSU**. Within thirty (30) days after termination, cancellation or rescission of this Contract, the Parties shall settle their respective accountabilities as of the date of termination, cancellation or rescission, including the refund of any and all advances made plus legal interest from date of receipt of the amount or amounts advanced.

- 16.05 The **SUPPLIER** shall provide and do everything necessary to perform its obligations under this Contract according to the true intent and meaning of all the Contract Documents taken together, whether the same may or may not be shown or described particularly in the herein Terms of Reference. Should the **SUPPLIER** find discrepancy in the herein Terms of Reference, it shall immediately refer the same to the **CSU**, whose decision shall be followed.
- 16.06 The **SUPPLIER** agrees and binds itself to hold and save **CSU** free and harmless from any damage, claims and rights of action by third parties arising out of or by reason of this Contract and all injuries that may be suffered by **CSU** due to the failure, negligence, delay or conduct on the part of the **SUPPLIER** and/or its employees in the performance of their obligations under this Contract.
- 16.07 No payment of the contract shall be made to the **SUPPLIER** without the Certificate of Acceptance from the Caraga State University.
- 16.08 Notwithstanding any extra work, change of work or orders made, if any, by the **CSU**, it is agreed that the same shall be completed within the period herein fixed and provided.

ARTICLE XVII

SPECIAL REPRESENTATION

- 17.01 The **SUPPLIER** hereby represents that all documents it submitted which form integral parts hereof are authentic and duly executed with all the required formalities for the same, and that the facts and/or data contained therein are true and correct. A breach of this representation including all misrepresentation in the documents or suppression of materials facts therein, which if known, could have disqualified the **SUPPLIER** such that this Contract would not have been made and entered into, gives the **CSU** the immediate right or recourse to **motu proprio** rescind, abrogate or otherwise terminate the Contract without need of judicial action, in accordance with Section 19.01 hereof.

ARTICLE XVIII

BUDGETARY REQUIREMENT


- 18.01 The parties hereto hereby adopt and incorporate herein by reference, Letter of Instruction No. 767 dated 16 November 1978, issued by the Office of the President, as implemented by the Letter Circular, dated 7 December 1978, of the Department of Budget and Management.


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**ARTICLE XIX
EFFECTIVITY**

19.01 This Contract shall become effective after the same shall have been signed by the Parties hereof.

MAR 07 2022

IN WITNESS WHEREOF, the Parties have hereunto signed this Contract on ____ day of **February 2022** in Butuan City, Agusan del Norte, Philippines.

CARAGA STATE UNIVERSITY

SUPPLIER

By:

By:


ANTHONY M. PENASO, PH. D.
University President


BENJIE J. ESQUIVEL
CEO/President

W I T N E S S E S :


ARMIE LEILA M. MORDENO, DPA, CSEE
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A C K N O W L E D G M E N T

REPUBLIC OF THE PHILIPPINES)
CITY OF BUTUAN, S.S. Cagayan de Oro City

BEFORE ME, a Notary Public for and in the City of Butuan, Agusan del Norte, Philippines,
this ____ day of **February**, 2022 personally appeared:

NAME CEI NO. DATE/PLACE ISSUED

1. **ANTHONY M. PENASO, Ph. D.** **EC 2046341** _____

2. **BENJIE J. ESQUIVEL** P26665508 25 July 2019 / DFA NCR East

known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledged to me that the same is their own free act and deed as well as the free and voluntary act of the juridical person they represent.

This instrument is a Contract for the **PROVISION OF ICT EQUIPMENT FOR THE OPERATION OF CHED-IDEAS LAB** of Caraga State University of Ampayon, Butuan City of twenty-one (21) pages, including this page where the Acknowledgment is written. Pages 1 to 19 and 21 are signed on the right margin thereof and page 20 is signed at the corresponding spaces provided therefor by the Parties and their instrumental witnesses and sealed with my notarial seal.

WITNESS MY HAND AND SEAL this MAR 07 2022 day of **February**, 2022 at Cagayan de Oro City, Philippines.

DALE BRYAN D. MORDENO
NOTARY PUBLIC
No. No. 2019 100; Until June 30, 2022
Extended by DM No. 3795 dated 09/28/2021
IBP No. 132876; 11.18.20 / Pasig City (Paid for 2022)
PTR No. 5222302 A; 01.06.22 / CDO
Roll No. 456912
MCLE No. VI-0029325; 11.14.19

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