



BIDS AND AWARDS COMMITTEE OFFICE

ADDENDUM NO. 006, series 2019

Name of Project: **Improvement of University Academic Building (CSUCC Phase I)**
 Location: CSUCC, Cabadbaran City
 Brief Description: Improvement of University Academic Building (CSUCC Phase I)
 Approved Budget for the Contract: Php 27,996,392.27
 Source of Funds: Regular Agency Fund 2020
 Contract Duration: 300 Calendar Days

This Addendum No. 006, series of 2019 is issued to modify or amend the Bid Documents. This shall form an integral part of the Bid Documents. This is based on what has been transpired during the Pre-bid Conference held on October 22, 2019; 1:30PM at the CSUCC Audio Visual Room.

- ❖ Upon submission of Bid, authorized representative shall present the following:
 - Original Official Receipt (OR) of payment of bidding documents;
 - Original company's Authorization letter; and
 - Company ID

Scope of Works and Quantities:

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
803	Structure Excavation	344.00	cu.m.
804	Embankment	256.00	cu.m.
900	Structural Concrete	400.75	cu.m.
902	Reinforcing Steel	34,392.00	kgs.
903	Formworks and Falseworks	10,014.00	bd.ft.
1002	Plumbing	1.00	lot
1003	Carpentry & Joinery Works	360.00	sq.m.
1007	Aluminum Framed Glass Doors	1.00	lot
1008	Aluminum Framed Glass Windows	1.00	lot
1010	Wooden Doors and Windows	1.00	lot
1016	Waterproofing	977.00	sq.m.
1018	Ceramic Tiles	763.60	sq.m.
1027	Cement Plaster Finish	771.50	sq.m.
1032	Painting, Varnish & Other Related	1,713.90	sq.m.
1033	Metal Deck	2,314.50	lin.m.
1046	Masonry Works	1,606.30	sq.m.
1047	Metal Structure	89,172.40	kgs.
1100	Conduits, Boxes & Fittings	1.00	lot
1101	Wires & Wiring Devices	1.00	lot
1102	Power Load Center, Switchgear & Panelboards, and other Overcurrent Protection Devices	1.00	lot
1103	Lighting Fixtures & Lamps	1.00	lot



BIDS AND AWARDS COMMITTEE OFFICE

1202	Fire Sprinkler	1.00	lot
SPL-1	Fabricated Materials	1.00	lot
SPL-2	Construction Safety & Health	1.00	lot
SPL-3	Project Billboard	1.00	lot
SPL-4	Permits and Clearances	1.00	lot

SPL-5	Demolition	1.00	lot
SPL-6	Supply, Delivery, and Installation of Electrical Post, Transformer, & Other Electrical Devices and Accessories for the CSUCC Academic Building Transmission Line	1.00	lot

ITB Clause

12.1 (b) (ii)	ISO 9001:2015 certification is not required																																														
12.1 (b) (ii.2)	<p>The bidder shall submit the following documents as part of the Technical Proposal:</p> <p>1. List of Contractors Personnel to be assigned to the contract to be bid with their respective curriculum vitae showing, among others, their educational attainment, professional qualification and experiences</p> <p>The minimum work experience requirements for key personnel are the following:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>KEY PERSONNEL</th> <th>MINIMUM YEARS OF RELEVANT EXPERIENCE</th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td>5</td> </tr> <tr> <td>Project Engineer/Licensed Civil Engineer</td> <td>5</td> </tr> <tr> <td>Licensed Architect</td> <td>3</td> </tr> <tr> <td>Licensed Mechanical Engineer</td> <td>3</td> </tr> <tr> <td>Licensed Electrical Engineer</td> <td>3</td> </tr> <tr> <td>Sanitary Engineer/ Master Plumber</td> <td>3</td> </tr> <tr> <td>Materials Engineer <i>1 duly accredited by DPWH</i></td> <td>2</td> </tr> <tr> <td>Health and Safety Engineer/Officer with valid Certificate of Training in Construction Occupational Safety and Health</td> <td>2</td> </tr> </tbody> </table> <p>The supporting documents stated in the said form shall be submitted during post-qualification evaluation</p> <p>Duly signed Statement of Availability of Key Personnel and Equipment</p>			KEY PERSONNEL	MINIMUM YEARS OF RELEVANT EXPERIENCE	Project Manager	5	Project Engineer/Licensed Civil Engineer	5	Licensed Architect	3	Licensed Mechanical Engineer	3	Licensed Electrical Engineer	3	Sanitary Engineer/ Master Plumber	3	Materials Engineer <i>1 duly accredited by DPWH</i>	2	Health and Safety Engineer/Officer with valid Certificate of Training in Construction Occupational Safety and Health	2																										
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BIDS AND AWARDS COMMITTEE OFFICE

11	1	Any Service Vehicle	-
12	2	Acetylene tank	-
13	2	Industrial oxygen	-
14	1	Excavator	-
15	2	Plate Compactor	-
16	1	Metal Grinder	-
17	1	Boom Truck	-

List of Contractor's Equipment OWNED/LEASED assigned to the Proposed Contract

Proof of Ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; shall be submitted during post-qualification evaluation.

ITEM 1202 – “FIRE SPRINKLER”

MATERIALS TO BE USED IN DOING THE WORK ITEM

ABC Dry Chemical Fire Extinguisher and Axe with Steel Encasement and Glass cover – 20 pcs.
 The Contractor shall process the necessary permits with regards to the Bureau of Fire, at his own expense.

ITEM 1102 – “POWER LOAD CENTER, SWITCHGEAR & PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES”

MATERIALS TO BE USED IN DOING THE WORK ITEM

- Circuit Breaker, 300 A Bolt-on Type, 2P - 1pc
- Circuit Breaker, 250 A Plug-in Type, 2P - 2 pcs
- Circuit Breaker, 110 A Bolt-on Type, 2P - 2 pcs
- Circuit Breaker, 80 A Bolt-on Type, 2P - 2 pcs
- Circuit Breaker, 60 A Plug-in Type, 2P - 2 pcs
- Circuit Breaker, 15 A Bolt-on Type, 2P - 26 pcs
- Circuit Breaker, 20 A Bolt-on Type, 2P - 13 pcs
- Circuit Breaker, 40 A Bolt-on Type, 2P - 2 pcs
- Panel Board, 6 Branches, 2P , Bolt-on, 3-phase - 1 pc
- Panel Board, 24 Branches, 2P , Bolt-on, 3-phase - 1 pc
- Panel Board, 14 Branches, 2P , Bolt-on, 3-phase - 1 pc
- Panel Board, 12 Branches, 2P , Bolt-on, 3-phase - 1pc
- Panel Board, 6 Branches, 2P , Bolt-on, 1-phase - 1pc

ITEM 1101 – “WIRES AND WIRING DEVICES”

MATERIALS TO BE USED IN DOING THE WORK ITEM

- THW Wire no. 80 mm² - 260 m
- Switch, 1 gang w/ plate flash type with LED set - 14 sets
- Switch, 2-gang 3-way switch set - 22 sets
- Switch, 3-gang w/ plate flash type with LED set - 3 sets
- Convenience universal outlet w/ plate, 2 gang - 61 sets
- Floor-mounted convenience outlet, 2-gang - 24 pcs
- THHN Wire 2 mm² - 42 rolls
- THHN Wire 3.5 mm² - 39 rolls
- THHN Wire 5 mm² - 1 roll
- THHN Wire 5.5 mm² - 20 m
- THHN Wire 8 mm² - 4 rolls
- Electrical Tape 3M



BIDS AND AWARDS COMMITTEE OFFICE

ITEM SPL-1 "FABRICATED MATERIALS"

A. SCOPE OF WORK

The Contractor shall furnish all materials, labor, equipment, tools and services necessary to complete all work herein specified and shown on drawings.

B. MATERIALS

The materials to be used for the railings are stainless steel of which the dimensions are stated in the plans. The built-up letters that indicated in the plans shall conform to the size as stated by the architect in the plans and shall be made from stainless steel sheet.

- Stainless steel 25mm x 25mm x 1.5mm thk sq. tube 46.2 lin. m.
- Stainless steel tube 38mm dia 1.5mm thk 112 lin.m.
- Stainless steel tube 50mm dia 1.5mm thk 67 lin.m.
- Built-up letters of "CSUCC ACADEMIC BUILDING" together with CSU Ampayon and CSU Cabadbaran Logos - 1 set

C. INSTALLATION

The stainless steel tubes are to be assembled and connected through welding and welded joints are to be smoothed by grinder. The built-up letters are to be attached in a method approved by the Owner or the Engineer.

SPL-6 SUPPLY, DELIVERY, AND INSTALLATION OF ELECTRICAL POST, TRANSFORMER, & OTHER ELECTRICAL DEVICES AND ACCESSORIES FOR THE CSUCC ACADEMIC BUILDING TRANSMISSION LINE

A. SCOPE OF WORK

The work to be done under this section shall be the furnishing of all labor equipment and materials, and the performing of all operations in connection with the supply, delivery, and installation of electrical post, transformer, and other electrical devices and accessories for the transmission line in strict compliance with the Philippine Electrical Code 2017, and other applicable codes.

B. CONTRACTOR QUALIFICATION

The contractor shall be ANECO accredited to install transmission line.

C. ELECTRICAL POST ERECTION SITE

The electrical post erection site shall be determined by the engineer.

D. INSPECTION

The installed transmission line shall be tested for inspection by ANECO with the engineer and shall be ready for energizing after installation. Any deficiency found shall be provided/replaced at the expense of the contractor.

E. MATERIALS

The following are the major materials to be used:

- Oil immersed, self-cooled, 100 kVA 240/480, 7.62/13.2Y, pole mounted transformer – 1 pc
- 40 ft. steel pole – 1pc
- Secondary rack with 3pcs spool insulator
- Kwhr meter, digital – 1pc.
- Current transformer, 300/5A – 1 pc.
- ACSR 2/0 - 305 meters
- Fuse cut out for 13.2 kV chance – 1pc.
- Lightning arrester assembly – 1 pc.
- KV2c demand meter – 1pc.
- Heavy duty meter box/ base – 1pc.
- Pole clamp – 2 pcs.
- Transformer hanger – 2pcs.



BIDS AND AWARDS COMMITTEE OFFICE

ITEM 1002 change to ITEM 903

ITEM 903 "FORMWORKS AND FALSEWORKS"

903.1 Description

This Item shall consist of designing, constructing and removing forms and falsework to temporarily support concrete, girders and other structural elements until the structure is completed to the point it can support itself.

903.2 Material Requirements

903.2.1 Formwork

The materials used for smooth form finish shall be plywood, tempered concrete-form- grade hardboard, metal, plastic, paper or other acceptable materials capable of producing the desired finish for form-facing materials. Form-facing materials shall produce a smooth, uniform texture on the concrete. Form-facing materials with raised grain, torn surfaces, worn edges, patches, dents, or other defects that will impair the texture of concrete surfaces shall not be permitted. No form-facing material shall be specified for rough form finish.

903.2.1.1 Formwork Accessories

Formwork accessories that are partially or wholly embedded in concrete, including ties and hangers shall be commercially manufactured. The use of non-fabricated wire form ties shall not be permitted. Where indicated in the Contract, use form ties with integral water barrier plates in walls.

903.2.1.2 Formwork Release Agents

Commercially manufactured formwork release agents shall be used to prevent formwork absorption of moisture, prevent bond with concrete, and hot stain the concrete surfaces.

903.2.2 Falsework

The materials to be used in the falsework construction shall be of the quantity and quality necessary to withstand the stresses imposed; it may be timber or steel or a combination of both. The workmanship shall be of such quality that the falsework will support the loads imposed on it without excessive settlement or takeup beyond as shown on the falsework drawings.

ITEM 1002 "PLUMBING WORKS"

Additional Materials

- 1700L capacity stainless steel water tank with float switch, complete with supports – 2 sets

GCC Clause

6.5	<p>The Contractor shall employ the following Key Personnel:</p> <ul style="list-style-type: none"> ✓ Project Manager ✓ Licensed Architect ✓ Licensed Civil Engineer ✓ Licensed Mechanical Engineer ✓ Licensed Electrical Engineer ✓ 1 Materials Engineer I accredited by DPWH ✓ 1 Experienced Foreman ✓ 1 Safety Officer with certificate of training in construction occupational safety and health
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Certificate No: AJA17-1018
ISO Certified University

For guidance and information of all concerned.


FLORDELIZA G. ALBUERO, Ph.D.
BAC Chairperson

Received by the Bidder:

Date: _____