



ISO 9001:2015 CERTIFIED
CERTIFICATE NO.: SCP000544Q

Republic of the Philippines
KALINGA STATE UNIVERSITY
Tabuk City, Kalinga 3800
Bids and Awards Committee



SUPPLEMENTAL / BID BULLETIN (SBB)
ADDENDUM NO. 03

This SBB Addendum No. 02 dated **January 29, 2021**, for the Project: **Construction of Four-Storey Library Building at Bulanao Campus- Phase I** is issued to clarify, modify, or amend items in the Bidding Documents. Accordingly, this shall form an integral part of said Documents.

(Note: For this SBB and a better understanding of its contents, the following rules shall apply: (a) ~~Double Strike-out~~ – denotes deletion, and (b) Underline – implies inclusion or new item/requirement).

PARTICULARS	CLARIFICATION / AMENDMENT												
	Based on the discussions during the Pre-bid Conference conducted on January 25, 2021 for this Project, and upon confirmation by the Technical Working Group and the End-User Unit, the following are the revisions:												
A.	On ITB Clause 10.4 of the Bid Data Sheet under Section III- Bid Data Sheet (BDS), page 14 of the Philippine Bidding Document, the following key personnel shall have the following functions:												
<table border="1"> <thead> <tr> <th data-bbox="272 1005 564 1041">KEY PERSONNEL</th> <th data-bbox="564 1005 1495 1041">FUNCTION</th> </tr> </thead> <tbody> <tr> <td data-bbox="272 1041 564 1462">Structural Engineer</td> <td data-bbox="564 1041 1495 1462"> <ul style="list-style-type: none"> ✓ Management of construction project (on-site) ✓ Overseeing building work ✓ Undertaking surveys ✓ Setting out sites ✓ Checking technical designs and drawings to ensure that they are followed correctly ✓ Supervising contracted staff ✓ Ensuring project packages meet agreed specifications, budgets and/or timescales ✓ Liaising with clients, personnel and other professional staff, especially quantity surveyors and the overall project manager ✓ Providing technical advice and solving problems on site ✓ Preparing site reports and filling in other paperwork ✓ Liaising with quantity surveyors about the ordering and the pricing of materials ✓ Ensuring that health, safety, and sustainability policies and legislation are adhered to </td> </tr> <tr> <td data-bbox="272 1462 564 1659">Materials Engineer</td> <td data-bbox="564 1462 1495 1659"> <ul style="list-style-type: none"> ✓ Act as Quality Assurance and Quality Control Officer ✓ Preparing and implementing quality assurance policies and procedures ✓ Performing routine inspections and quality tests ✓ Ensuring that standards regulations are observed ✓ Documenting quality assurance activities and creating audit reports ✓ To work full time during pouring periods </td> </tr> <tr> <td data-bbox="272 1659 564 1821">Soil Engineer</td> <td data-bbox="564 1659 1495 1821"> <ul style="list-style-type: none"> ✓ Collect soil samples from the project's site, using bores and test pits ✓ Research into soil quality and stress-bearing factors ✓ determine whether issues like erosion, settlement and slope will pose a safety risk to the proposed project ✓ Provide field and site report </td> </tr> <tr> <td data-bbox="272 1821 564 1883">Sanitary Engineer</td> <td data-bbox="564 1821 1495 1883"> <ul style="list-style-type: none"> ✓ Supervise the construction and implementation of sanitary plans according to plans and specifications </td> </tr> <tr> <td data-bbox="272 1883 564 2098">Safety Officer</td> <td data-bbox="564 1883 1495 2098"> <ul style="list-style-type: none"> ✓ Continuous inspection of project sites, to ensure a hazard-free environment ✓ Assessment and approval of personnel safety plans ✓ Verification of tools and equipment to ensure good quality ✓ Promoting safe practices on site ✓ Creating and enforcing safety guidelines and programs ✓ Carrying out drills and exercises on managing emergency situations ✓ Conducting investigations on accidents </td> </tr> </tbody> </table>	KEY PERSONNEL	FUNCTION	Structural Engineer	<ul style="list-style-type: none"> ✓ Management of construction project (on-site) ✓ Overseeing building work ✓ Undertaking surveys ✓ Setting out sites ✓ Checking technical designs and drawings to ensure that they are followed correctly ✓ Supervising contracted staff ✓ Ensuring project packages meet agreed specifications, budgets and/or timescales ✓ Liaising with clients, personnel and other professional staff, especially quantity surveyors and the overall project manager ✓ Providing technical advice and solving problems on site ✓ Preparing site reports and filling in other paperwork ✓ Liaising with quantity surveyors about the ordering and the pricing of materials ✓ Ensuring that health, safety, and sustainability policies and legislation are adhered to 	Materials Engineer	<ul style="list-style-type: none"> ✓ Act as Quality Assurance and Quality Control Officer ✓ Preparing and implementing quality assurance policies and procedures ✓ Performing routine inspections and quality tests ✓ Ensuring that standards regulations are observed ✓ Documenting quality assurance activities and creating audit reports ✓ To work full time during pouring periods 	Soil Engineer	<ul style="list-style-type: none"> ✓ Collect soil samples from the project's site, using bores and test pits ✓ Research into soil quality and stress-bearing factors ✓ determine whether issues like erosion, settlement and slope will pose a safety risk to the proposed project ✓ Provide field and site report 	Sanitary Engineer	<ul style="list-style-type: none"> ✓ Supervise the construction and implementation of sanitary plans according to plans and specifications 	Safety Officer	<ul style="list-style-type: none"> ✓ Continuous inspection of project sites, to ensure a hazard-free environment ✓ Assessment and approval of personnel safety plans ✓ Verification of tools and equipment to ensure good quality ✓ Promoting safe practices on site ✓ Creating and enforcing safety guidelines and programs ✓ Carrying out drills and exercises on managing emergency situations ✓ Conducting investigations on accidents 	
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	<ul style="list-style-type: none"> ✓ Verifying that all safety reports are submitted to related government institutions ✓ Responding to workers' safety concerns ✓ Manages all communications with government departments in regards of safety ✓ Arranges OSHA-mandated evaluations of the site ✓ Coordinates all issues regarding hazardous materials or waste ✓ Assisting with the preparation of a construction health and safety plan ✓ Attending project planning meetings and collaborating with construction managers ✓ Establishing and maintaining health and safety communication structures including the safety signages ✓ Testing effectiveness of site emergency response plans ✓ Continuous monitoring of all safety related documents, reports and issues to keep them updated ✓ Facilitating the imposition of Covid-19 Safety Health Protocols among its personnel or workers
First Aider	<ul style="list-style-type: none"> ✓ A first aider is a person that has undertaken necessary first aid training and holds a valid qualification as proof of competence. First aiders are important on construction sites as they can provide help and assistance should there be an injury or illness. ✓ Common injuries that first aiders may have to deal with on site include: <ul style="list-style-type: none"> • Electric shock • Falls from height • Injuries from building materials, plant and equipment
Skilled Personnel	<ul style="list-style-type: none"> ✓ includes the following: <ul style="list-style-type: none"> • Construction Foreman • Heavy Equipment Operators: <ul style="list-style-type: none"> ▪ Back Hoe Operator ▪ Crane Operator ▪ Truck Driver ▪ Grader Operator ▪ Roller Operator ▪ Pumpcrete Operator • Main Rigger • Slingers/ De-Riggers • Boom Spotter • Mason • Steelman • Welder • Carpenter • Mechanic • Senior Driller • Driller • Drilling Aides

B. On ITB Clause 10.5 of the Bid Data Sheet under Section III- Bid Data Sheet (BDS), page 15 of the Philippine Bidding Document, the following minimum equipment shall have the following groupings:

MAJOR EQUIPMENT AND SPECIFICATONS	
Minor Tools	
Power Tools	<ul style="list-style-type: none"> ✓ Jack Hammer ✓ Chainsaw ✓ Portable Welding Machine ✓ Oxy-Acetylene Cutter ✓ Compressed Air Spray Paint ✓ Chemical spray equipment



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	<ul style="list-style-type: none"> ✓ Disk grinder/ cutter ✓ Bar Bender ✓ Compressed Air Spray Paint ✓ Electric Metal Nibbler Cutters (as needed) ✓ Power/ Impact Wrenches (as needed) ✓ Portable Concrete Vibrator ✓ Plate Compactor (5HP)
Heavy Machineries :	<ul style="list-style-type: none"> ✓ Mini Boom Truck ✓ Vibro Hammer (Hydraulic Operated) ✓ Road Roller/ Compactor (1220mm Ø) ✓ Grader ✓ Forklift (1 to 2 MT capacity) or Front-End Loader ✓ Crane (Boom Truck), 6-10 MT ✓ Shot Blasting Machine ✓ Cargo Truck 13,00 kg capacity (6 to 10-Wheeler) ✓ Drilling Outfit w/ Drilling Machine, Derick, etc. ✓ Split Spoon Sampler, Hammer and Water Pump/ Double Tube Core Barrel ✓ Back Hoe ✓ Cutting/ Shearing Machine ✓ Drilling Machine ✓ 20-bagger concrete mixer ✓ Pumpcrete ✓ Dump Truck
Tools for Steel Structure Installation :	<ul style="list-style-type: none"> ✓ Grommet Slings (as needed) ✓ Crane Shackles (as needed) ✓ Tag Lines (Nylon Rope), 16mmØ x 100m (as needed) ✓ Bravo Radio Set (as needed) ✓ Chains and Ropes (Chain Block)
Survey Instrument :	<ul style="list-style-type: none"> ✓ Survey Instrument (Total Station), rental basis

For guidance and information of all concerned.


EDNA P. YUMOL, CPA, PhD
BAC Chairperson

Date Issued: **January 29, 2020**
Copy furnished: **Prospective Bidders**