



Republic of the Philippines
Benguet State University
 2601 La Trinidad, Benguet
 www.bsu.edu.ph

Telefax No. (074) 661-1839; Email:procurement@bsu.edu.ph

REQUEST FOR QUOTATION (RFQ)
(ALL ENTRIES ARE MANDATORY)

Name of Owner/ Corporation/ Cooperative/ Agency: _____

QUOTATION NO. 694

Name of Business : _____

DATE: APR 12 2023

Address: _____

P.R. NO.: 2023-03-476

Email address: _____ Telephone No. _____

ABC: Php. 380,249.60

FUND SOURCE: 161

The Benguet State University through its Bids and Awards Committee will undertake NP-517
 _____ for the item/s listed below under the following terms and conditions:

- All entries must be written legibly and accurately.
- Delivery period is within 30 calendar days.
- Warranty period shall be for a minimum of three months, in case of expendable supplies, and a minimum of one year in case of non- expendable supplies from date of acceptance by the University.
- Price validity shall be for a period of 30 calendar days.
- Compliance with specifications: Kindly specify in the column provided below whether the offer fully complies with the specifications or a counter offer.
- Deadline of submission of quotation is on or before 5:00 PM of April 18, 2023. Offers may be submitted in sealed or open quotation in person, or through facsimile (074-661-1839) or email (procurement@bsu.edu.ph)
- The item/s shall be procured by: _____ a) line item; _____ b) lot; _____ c) sub-lot
- Business Permit Number : _____, date of issue: _____, place of issue: _____
 _____ (If renewal of Business Permit is still on process, please indicate OR No: _____, date of OR : _____ for the payment of renewal).
- * PhilGEPS Registration Number: _____

REYNANTE E. BASCO
 Chairperson, BAC (Goods & Services)

College/Dept./Office: CNS

Item No.	Qty	Unit	Item	Technical Specifications (Brand and Model)		ABC	Unit Cost	Total Cost
				COMPLY	COUNTER OFFER			
	1		Professional Service - Electrical Installation Scope: Installation and upgrading of electrical wirings at CAS Room 301 for the research project "Development of Microbial and Plant-microbial Combinations for Bioremediation of Pesticide Contaminated Vegetables Areas in Selected Provinces" BSU-Counterpart which include: 1. Additional circuits, wirings, and devices for lighting and power supply 2. Additional power and lighting panel Board 3. Panel Board Main feeder and sub feeder lines Material Cost: Php 159,217.50 Labor/Installation Cost: Php 63,687.00			₱ 380,249.60		

		Inspection and Supervision Cost: Php 66,871.35 Fuel Cost: Php 28,977.59 Mark-up / Contingency: Php 36,620.03 Tax (BIR & Municipal): Php 24,876.14 TOTAL: Php 380,249.60 PHASE I					
		TOTAL					
		XXXXXXXXXXXX					

Counter offers:

Delivery Period: _____
 Warranty: _____
 Price Validity: _____

We hereby submit our quotations, accept the general conditions for the above items and be bound by our offer.

 Signature over Printed Name

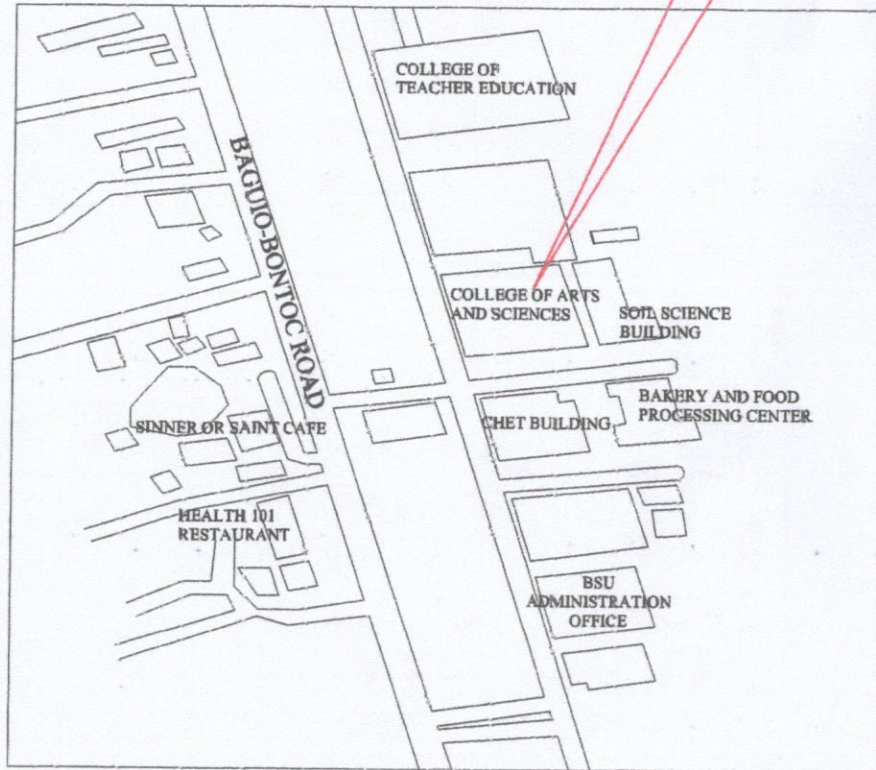
 Date and Time of Receipt of RFQ

* Not a ground for disqualification for failure to indicate but required as a condition for award.

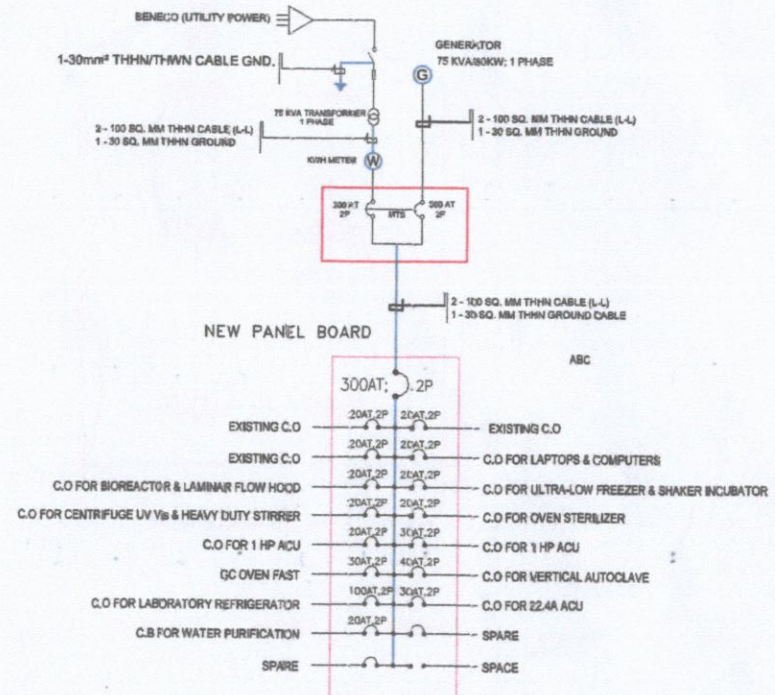
Revised: 9/19/2022

PD# 476

SITE

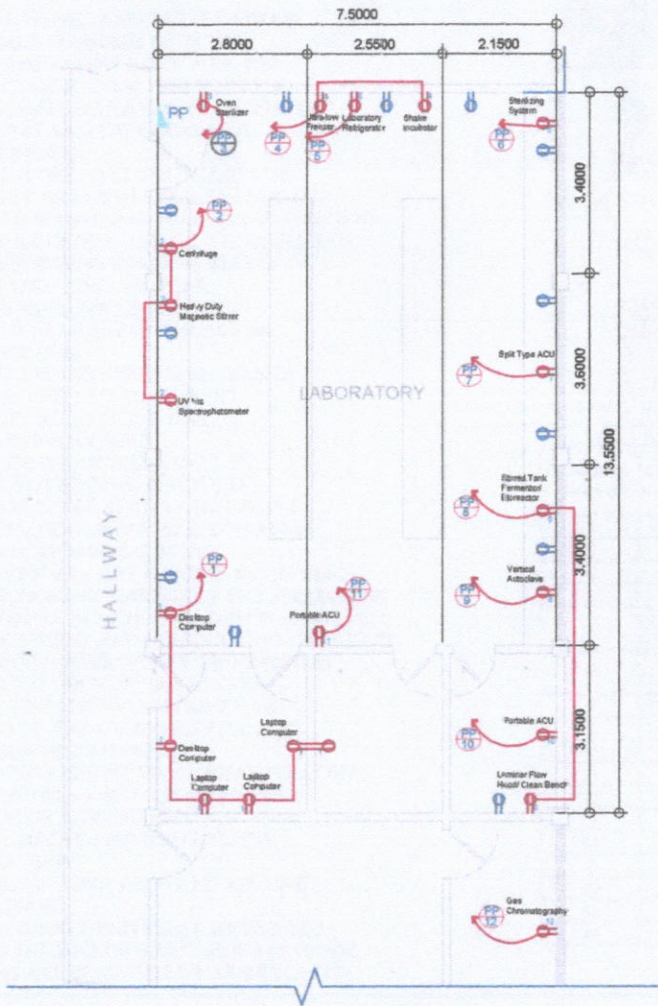


1 VICINITY MAP
SCALE: NTS

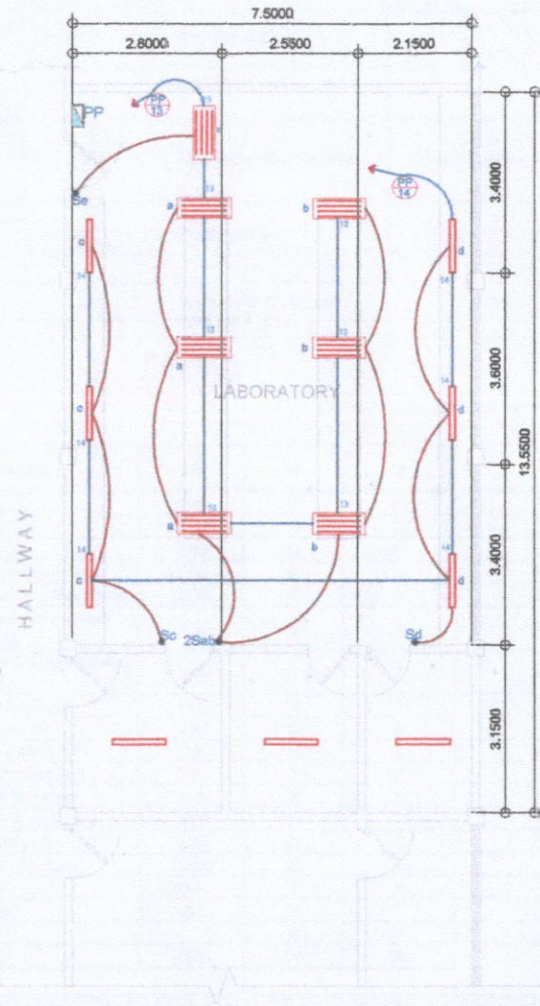


2 SINGLE LINE DIAGRAM
SCALE: NTS

ELECTRICAL ENGINEER		COPYRIGHT	PROJECT TITLE	CLIENT	DRAWN BY	DATE	PHASE AND DISCIPLINE	SHEET NO.	
ENGR. MANUEL G. BALADAD		COPYRIGHT 2022 BY HUMALS ABOVE DESIGN. ALL RIGHTS RESERVED. NO PART OF THESE DRAWINGS SHALL BE REPRODUCED BY ANY MEANS, INCLUDING BUT NOT LIMITED TO PHOTO COPYING, RECORDING, OR OTHERWISE, WITHOUT PERMISSION FROM THE ARCHITECT. 84 PAGE	ELECTRICAL WORK	BSU	CHECKED BY	DATE	ELECTRICAL DETAILS	E	
PRC REG. NO.	0003331		LOCATION	ADDRESS	APPROVED BY	DATE			
PTR NO.	7015241		ROOM 301, CAS BUILDING	KMS BALILI, LA TRINIDAD, BENGUET	REV. NO.	DATE	DRAWING TITLE	1	3
TIN NO.	131-692-533		ROOM 301, CAS BUILDING	KMS BALILI, LA TRINIDAD, BENGUET	PROJECT NO.		AS SHOWN		
					REF. DATE				



1 POWER LAYOUT
E101 SCALE: 1:100



2 LIGHTING LAYOUT
E101 SCALE: 1:100

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ENGR. MANUEL G. BALADAD			ELECTRICAL WORK	BSU	CHECKED BY	DATE	ELECTRICAL DETAILS	E	
PRC REG. NO	0003331		LOCATION	ADDRESS	APPROVED BY	DATE	DRAWING TITLE		
PTR NO	7015241		ROOM 301, CAS BUILDING KMS BALILI LA TRINIDAD, BENGUET	KMS BALILI, LA TRINIDAD, BENGUET	REV. NO	DATE	AS SHOWN	2	3
TIN NO	131-692-633			PROJECT NO					
				REF. DATE					

- ALL ELECTRICAL WORKS AND INSTALLATIONS HEREUNDER SHALL CONFORM WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE AND WITH THE EXISTING LAWS AND REGULATIONS OF THE LOCAL GOVERNMENT UNIT AND THE LOCAL UTILITY COMPANY CONCERNED.
- ALL ELECTRICAL WORKS AND INSTALLATIONS HEREUNDER SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A REGISTERED ELECTRICAL ENGINEER AND/ OR A DULY REGISTERED MASTER ELECTRICIAN.
- SERVICE TO THE BUILDING SHALL BE 230 VOLTS, 1 PHASE, 2 WIRE AND 1 GROUND WIRE.
- WIRING METHOD SHALL BE AS FOLLOWS:
 - MIN. SIZE OF ALL CONDUITS SHALL BE 15MM DIAMETER.
 - ALL POWER FEEDER SERVICE ENTRANCE SHALL BE IN RIGID STEEL CONDUIT.
 - ALL POWER AND LIGHTING CIRCUIT SHALL BE IN PVC CONDUIT.
- MINIMUM SIZE OF CONDUCTORS SHALL BE 2.0MM SQ. UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF SERVICE ENTRANCE FOR CONNECTION TO POWER SUPPLY.
- ALL PIPE SLEEVES SHALL BE PROVIDED WITH PROPER SUPPORT OR ANCHORAGE NECESSARY FOR PERMANENT CONNECTION WITH CONCRETE WALLING OR BEAM. ALL ELECTRICAL EQUIPMENT AND NON CURRENT CARRYING METAL PARTS SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE ELECTRICAL CODE.
- ALL MATERIALS TO BE INSTALLED SHALL BE BRAND NEW AND OF THE APPROVED TYPE AND WEIGHT FOR THE INTENDED USE.
- MINIMUM MOUNTING HEIGHT SHALL BE AS FOLLOWS :
 - LIGHT SWITCHES - 1.40M. ABOVE FINISH FLOOR LINE OR AS REQUIRED.
 - C.O. - 0.30M. ABOVE FINISH FLOOR LINE OR AS REQUIRED.
 - PANEL BOARD - 1.40M. ABOVE FLOOR LINE OR AS REQUIRED.
- THE EQUIPMENT GROUNDING SHALL BE TAPPED/ CONNECTED TO THE EXISTING GROUNDING SYSTEM.
- ALL DIMENSIONS ARE IN METERS OR AS INDICATED.

1 GENERAL NOTES
E102 SCALE: NTS

	SERVICE ENTRANCE		POWER CIRCUIT LINE		2 TUBE LED SHOP LIGHTS, ASSEMBLY
	TRANSFORMER		SWITCH LINE		MANUAL TRANSFER SWITCH
	PANEL BOX		LIGHTING CIRCUIT LINE		1 TUBE LED LIGHT
	DUPLEX CONVENIENCE OUTLET, 3 GANG (NEW)		KILOWATT HOUR METER		CIRCUIT BREAKER
	EXISTING OUTLET		GENERATOR		ONE - SWITCH IN ONE GANG PLATE
	CIRCUIT LINE NO.		TWO - SWITCH IN ONE GANG PLATE		

2 LEGEND
E102 SCALE: NTS

Circuit No.	CB AT; Pole	Load Description	VA	L1	L2	Wire size
1	20AT, 2P	Existing C.O	2788	12	12	3.5mm2 THHN Wire
2	20AT, 2P	Existing C.O	2788	12	12	3.5mm2 THHN Wire
3	20AT, 2P	Existing C.O	2788	12	12	3.5mm2 THHN Wire
4	20AT, 2P	C.O for Laptops and Computers	1790	8	8	3.5mm2 THHN Wire
5	20AT, 2P	C.O for Bioreactor & Laminar Flow Hood	2150	9	9	3.5mm2 THHN Wire
6	20AT, 2P	C.O for Ultra-low Freezer & Shaker Incubator	1280	6	6	3.5mm2 THHN Wire
7	20AT, 2P	C.O for Centrifuge, UV Vis & Heavy duty Stirrer	1500	7	7	3.5mm2 THHN Wire
8	20AT, 2P	C.O for Oven Sterilizer	1500	7	7	3.5mm2 THHN Wire
9	20AT, 2P	C.O for 1 Hp ACU	1840	8	8	3.5mm2 THHN Wire
10	20AT, 2P	C.O for 1 Hp ACU	1840	8	8	3.5mm2 THHN Wire
11	20AT, 2P	C.O for Series GC Oven Fast	2400	10	10	3.5mm2 THHN Wire
12	30AT, 2P	C.O for Vertical Autoclave	4500	20	20	5.5mm2 THHN Wire
13	30AT, 2P	C.O for Laboratory Refrigerator	3000	13	13	5.5mm2 THHN Wire
14	40AT, 2P	C.O for 22.4A ACU	5152	22	22	5.5mm2 THHN Wire
15	100AT, 2P	C.O for Water Purification	15000	65	65	14mm2 THHN Wire
16	30AT, 2P	Spare	1500	7	7	
17	20AT, 2P	Spare	1500	7	7	
18		Spare		0	0	
Total			53316	232	232	

IFL = (53316 VA + 0.25(5152 VA)) / 230 V = 237 A Use: 2 - 100mm2 THHN Wire and 30mm2 THHN Wire Ground

ICB = (48164 VA + 2.50(5152 VA)) / 230 V = 265.40 AT Use: 300AT Main Circuit Breaker

3 LOAD SCHEDULE = PP
E102 SCALE: NTS

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TIN NO. 131-692-533								PROJECT NO.							
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