REQUEST FOR QUOTATION (RFQ) No. 039-2021

Procurement Unit

The Tarlac State University (TSU), through its Bids and Awards Committee (BAC) and Procurement Unit, will undertake an **Alternative Method of Procurement through Negotiated Procurement** for the items stated below, in accordance with **Section 53.9 Small Value Procurement** of the Revised Implementing Rules and Regulations of Republic Act. No. 9184.

The TSU hereinafter referred to as "the Buyer", now requests submission of a price quotation for the subject below:

Purchase Request No.	DESCRIPTION/PARTICULARS	APPROVED BUDGET FOR THE CONTRACT (ABC) inclusive of VAT
Infra 01-002-2021	Labor and Materials: Geotechnical Investigation of Tarlac State University	649,687.50
Purpose: *Labor and Materials: Geotechnical Investigation of Tarlac State University*		

Philgeps Posting: Active Date: 1/22/2021
Closing Date: 1/26/2021

Category: Geotechnical Instrumentation
Reference No. : 7422665

Interested suppliers are required to submit the following documents:

- ☐ Valid and Current Mayor's / Business Permit
- ☐ Proof of PhilGeps Registration
- ☐ Latest Income/Business Tax Return
- ☐ Omnibus Sworn Statement
- ☐ Brochure, if applicable

TSU Condition of Sale:

1. Delivery Schedule: 60 calendar days from receipt of approved PO/NTP
2. Bid Validity: 120 calendar days from submission of bids
3. Delivery Site: Supply and Property Management Unit, Tarlac State University
   (045) 606-8159 / (045) 982-2605
4. Warranty shall be for a period minimum of three (3) months of expendable supplies, or a supplies/equipment after acceptance by the procuring entity of the delivered

Award of contract shall be made to the bidder with the lowest quotation for the subject goods which comply with the minimum technical specifications and other terms and conditions stated herein.

Any alteration, erasures, or overwriting shall be valid only if they are signed or initialed by the bidder or his/her duly authorized representative.

Submission of duly signed Price Quotation Form (Attachment 1) and eligibility documents is not later than 1/26/2021 at the Procurement Unit, Admin Building Tarlac State University, Tarlac City. Open submission may be done manually or through email at **jmaquino@tsu.edu.ph**

The penalty for late deliveries is one tenth (1/10) of one (1) percent of the cost of the underperformed portion for every day of delay. Once the cumulative amount of liquidated damages reaches ten (10%) percent of the contract price, the procuring entity shall rescind the contract without prejudice to other courses of action and remedies open to it.

The TSU reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract in accordance with Section 41 of R.A 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

(sgd) CARLOTA M. MARCOS
Head, Procurement Unit

Attachment 1

PRICE QUOTATION

Date: _____
RFQ No. **039-2021**
PR No. **Infra 01-002-2021**

The Bids and Awards Committee
c/o Procurement Unit
TSU, Tarlac City
(045) 982 -4630 / (045) 606 -8142

Sir / Madam:

After having carefully read and accepted the terms and conditions in the Request for Quotation, hereunder is our price quotation for the item/s identified below:

ITEM NO.	UNIT	ITEM & DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE
1	LOT	Labor & Materials: Geotechnical Investigation of Tarlac State University	1		

Warranty : _____

The above-quoted price is inclusive of all costs and applicable taxes

Very truly yours,

AUTHORIZED REPRESENTATIVE:

Signature : _____
Printed Name : _____
Date : _____
Company Name Registered : _____
E-mail Address : _____
Contact no. : _____

BANK DETAILS:
Bank Name : _____
Bank Address : _____
Bank Account Name : _____
Bank Account Number : _____

Help

Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number	7422665
Procuring Entity	TARLAC STATE UNIVERSITY
Title	LABOR & MATERIALS: GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY
Area of Delivery	Tarlac

Solicitation Number:	Infra 01-002-2021
Trade Agreement:	Implementing Rules and Regulations
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)
Classification:	Civil Works
Category:	Geotechnical Instrumentation
Approved Budget for the Contract:	PHP 649,687.50
Delivery Period:	60 Day/s
Client Agency:	
Contact Person:	Jhenna Micah Manalo Aquino Clerk Romulo Blvd. San Vicente, Tarlac City Tarlac City Tarlac Philippines 2300 63-45-6068157 jmaquino@tsu.edu.ph

Status	**Active**
Associated Components	5
Bid Supplements	0
Document Request List	5
Date Published	22/01/2021
Last Updated / Time	22/01/2021 00:00 AM
Closing Date / Time	26/01/2021 17:00 PM

Description

LABOR & MATERIALS: GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY
(Please see attached document)

Line Items

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	LABOR & MATERIALS: GEOTECHNICAL INVESTIGATION OF T	Please see attached document	1	Lot	649,687.50

Created by	Jhenna Micah Manalo Aquino
Date Created	21/01/2021

Republic of the Philippines
Tarlac State University
FACILITIES DEVELOPMENT AND MANAGEMENT OFFICE
PLANNING AND MONITORING UNIT
Romulo Boulevard, San Vicente, Tarlac City
Tel. No. (045) 982-1624; (045) 606-8160

PROJECT : **GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY**

LOCATION : **TARLAC STATE UNIVERSITY**

DURATION : **60 CALENDAR DAYS**

TECHNICAL SPECIFICATION

1.1 SCOPE OF WORK

The work covered under this contract shall include:

1.1.1 Soil Boring, Soil and Water Sampling

1.1.1.1 The boreholes should be 15 meters depth and shall be set-out on the following locations:

Main Campus	2 Boreholes
Construction of TSU Dormitory	3 Boreholes
Proposed ICT HUB	3 Boreholes

1.1.1.2 Perform standard penetration testing (SPT) ASTM D1586-99 at depth intervals of 0.5m (continuous sampling) from 0.0 to 3.0m, 1m interval from 4.0-10m, and 1.5m thereafter.

1.1.1.3 Extract undisturbed samples (UDS) from soft cohesive layers using Shelby tubes.

1.1.1.4 Prepare boring logs for each borehole.

1.1.1.5 Take photographs of the field works, soil/rock samples and significant field observations.

1.2 PROCEDURES

The specific procedures will follow the ASTM and Geotechnical Standards. Apparatus: SPT with digital logger and soil penetrometer scanner. Specific Procedure.

1.2.1 Observations of the soil site condition (visual inspection).

1.2.2 Perform a field test and sampling at actual site location of the desired depth and get the soil sample using SPT with digital penetrometer (stratified sampling).

1.2.3 A borehole should be dug at the actual site digitally program to the desired depth using the SPT with digital penetrometer soil scanner will record the desired soil profile at desired depth.

1.2.4 Performing laboratory test on soil sample obtain from boring or test pit made at Construction site.

1.2.5 Analyze the soil properties and characteristics on the basis of property test perform on soil sample from test pits.

1.2.6 Using data from field test results to be correlated empirically to design values for allowable foundation bearing pressures.

1.3 FIELD AND LABORATORY TESTS

The following field methods and laboratory tests will be conducted in the course of the implementation of the geotechnical investigation:

1.3.1 Site inspection

1.3.2 Standard Penetration Test [ASTM D1586 84 (Re-approved 1992)]

1.3.3 Geologic logging of samples (ASTM D2487-93)

1.3.4 Determination of Liquid Limit, Plastic Limit and Plasticity Index of Soil (ASTM D4318)

1.3.5 Determination of Water (Moisture) Content of Soil.

1.3.6 Soil Classification system (USCS).

1.4 SOIL SAMPLING

The National Structural Code of the Philippine 2015 Requirements:

According to NSCP-2015 chapter section 303. Foundation investigation shall be conducted and professional report shall be submitted at each building site.

1.4.1 For structures two (2) storey or higher, an exhaustive geotechnical study shall be performed to evaluate in – situ soil parameters for foundation design and analysis.

1.4.2 All boreholes should fall within the footprint of the structures and uniformly distributed all throughout the building footprints.

1.4.3 The minimum number of boreholes summarized in table as shown below.

Floor areas of building (footprint area)	**Number of boreholes**
0- 50 sq.m	1 **borehole**
51 sq.m to 500 sq.m	2 boreholes
Greater than 500 sq.m	Number of Borehole = 2 + (Area/1000)

1.5 COMPUTATIONS OF DEPTH OF BORE HOLES (PECKLY METHOD)

The minimum depth of boreholes will be computed using the formula,

$$\boldsymbol{D = 5S^{0.7} + df}$$

Where, *D= depth of borehole, m*

S = storey

df= minimum depth of proposed footing, m

1.6 REPORT AND RESULTS

1.6.1 Field Boring Logs

1.6.1.1 Prepare daily field boring logs

1.6.1.2 Field boring logs shall be signed by the TSU Engineer.

1.61.3 Field boring logs shall be submitted to the Client upon completion of each borehole.

1.6.2 Geotechnical Report

Prepare and submit sets of geotechnical report containing boring logs, test results, brief description of the soil exploration procedures, site and subsurface conditions, soil profile, photographs of site and core samples, foundation recommendations, such as: design soil profiles and soil/rock properties, type of foundation, depth, bearing capacity and settlement of foundation, and liquefaction analysis. The test shall be conducted by CONTRACTOR and report shall be prepared, signed and sealed.

-o- END OF SECTION -o-

Prepared by:

AR. KING JHON PAUL R. TALON
Architect

Checked by:

ENGR. RYAN M. LAYUG
Head, PMU

AR. FERDINAND S. VALENCIA
Director, FDMO

Recommending Approval

DR. MARLON V. GAMIDO
VP, Administration and Finance

Approved:

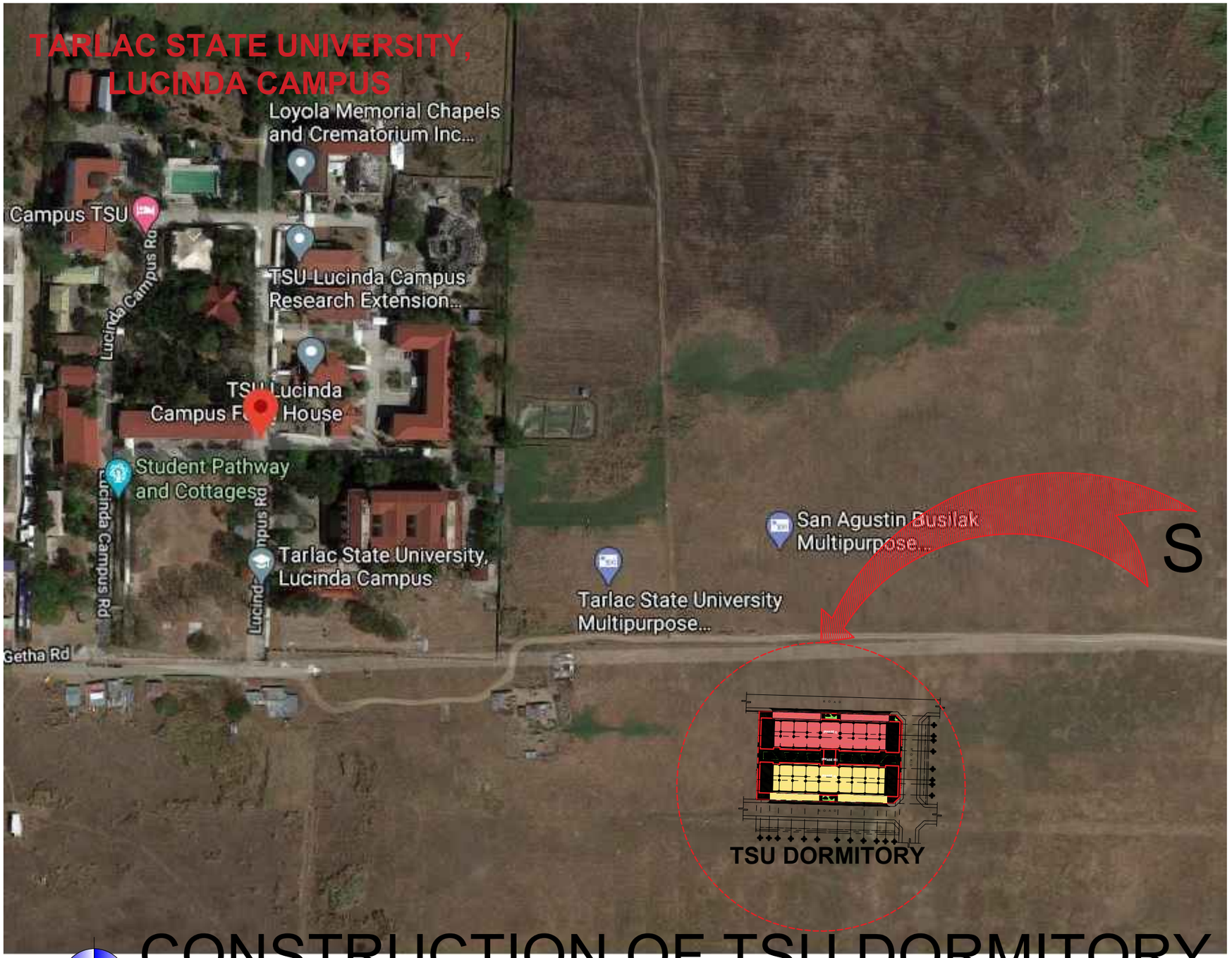
DR. MYRNA Q. MALLARI
President

Republic of the Philippines
Tarlac State University
FACILITIES DEVELOPMENT AND MANAGEMENT OFFICE
Romulo Boulevard, San Vicente, Tarlac City
Tel. No. (045) 982-1624; (045) 606-8160

GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY
DURATION: 60 CALENDAR DAYS

APPROVED BUDGET FOR THE CONTRACT

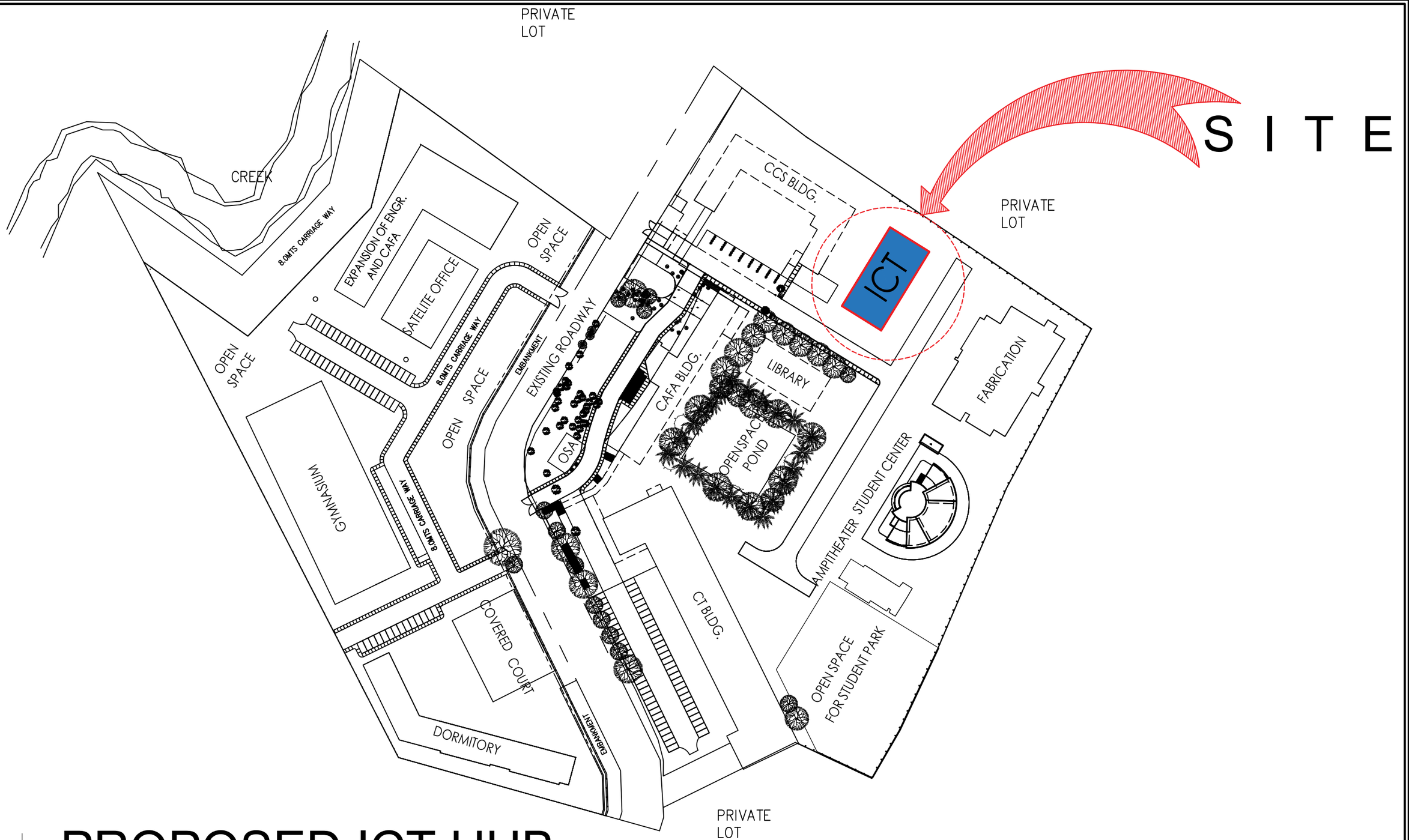
ITEM NO.		DESCRIPTION	QTY	UNIT	MATERIALS	LABOR	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
								OCM	PROFIT	%	Value				
			1	*2*	*3*	*4*	*5.00*	*6.00*	*7.00*	*8.00*	*9.00*	*10.00*	*11.00*	*12.00*	*13.00*
							(3)+(4)			*(6)+(7)*	*(5) x (8)*	*5% ((5) + (9))*	*(9) + (10)*	*(5) + (11)*	*(12) / (3)*
1.00		**GENERAL REQUIREMENTS**													
	1.01	Construction Occupational Safety & Health - COSH Program (Consumables)	1.00	lot											-
	1.02	Mobilization/Demobilization, Temporary Facilities, Electric and Water Consumption, etc. (Consumables)	1.00	lot											-
					.								SUB TOTAL	-	
2.00		**GEOTECHNICAL WORKS**													
		Drilling, Sampling, Soil test and Geotechnical Analysis, Evaluation and Report													
	2.01	Main Campus	2.00	boreholes											-
	2.02	Construction of TSU Dormitory	3.00	boreholes											-
	2.03	Proposed ICT HUB	3.00	boreholes											-
													SUB TOTAL	-	
		TOTAL AMOUNT IN FIGURES												**-**	
		TOTAL AMOUNT IN WORDS													



CONSTRUCTION OF TSU DORMITORY

TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

PROJECT TITLE:	REQUESTING OFFICE:	REVIEWED BY:	RECOMMENDING APPROVAL:	RECOMMENDING APPROVAL:	APPROVED:	CHECKED:	SHEET CONTENTS:	SHEET NO:
GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY	AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	ENGR. RYAN M. LAYUG FDMO-PMU, HEAD	AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	DR. MARLON V. GAMIDO VP ADMIN AND FINANCE	**DR. MYRNA Q. MALLARI** **PRESIDENT**	ENGR. RYAN M. LAYUG CIVIL	AS SHOWN	3
PROJECT LOCATION:						**PREPARED:**		PAGE NO:
TARLAC STATE UNIVERSITY						AR. KING JHON PAUL R. TALON ARCHITECT	**DATE:** JANUARY 2021	3/4



PROPOSED ICT HUB

TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

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GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY	AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	ENGR. RYAN M. LAYUG FDMO-PMU, HEAD	AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	DR. MARLON V. GAMIDO VP ADMIN AND FINANCE	**DR. MYRNA Q. MALLARI** **PRESIDENT**	ENGR. RYAN M. LAYUG CIVIL	AS SHOWN	4
PROJECT LOCATION: TARLAC STATE UNIVERSITY						**PREPARED:** AR. KING JHON PAUL R. TALON ARCHITECT		PAGE NO: 4/4
							DATE: JANUARY 2021	

VICINITY MAP

TARLAC STATE UNIVERSITY
Facilities Development and Management Office
Romulo Boulevard, Tarlac City, Philippines 2300

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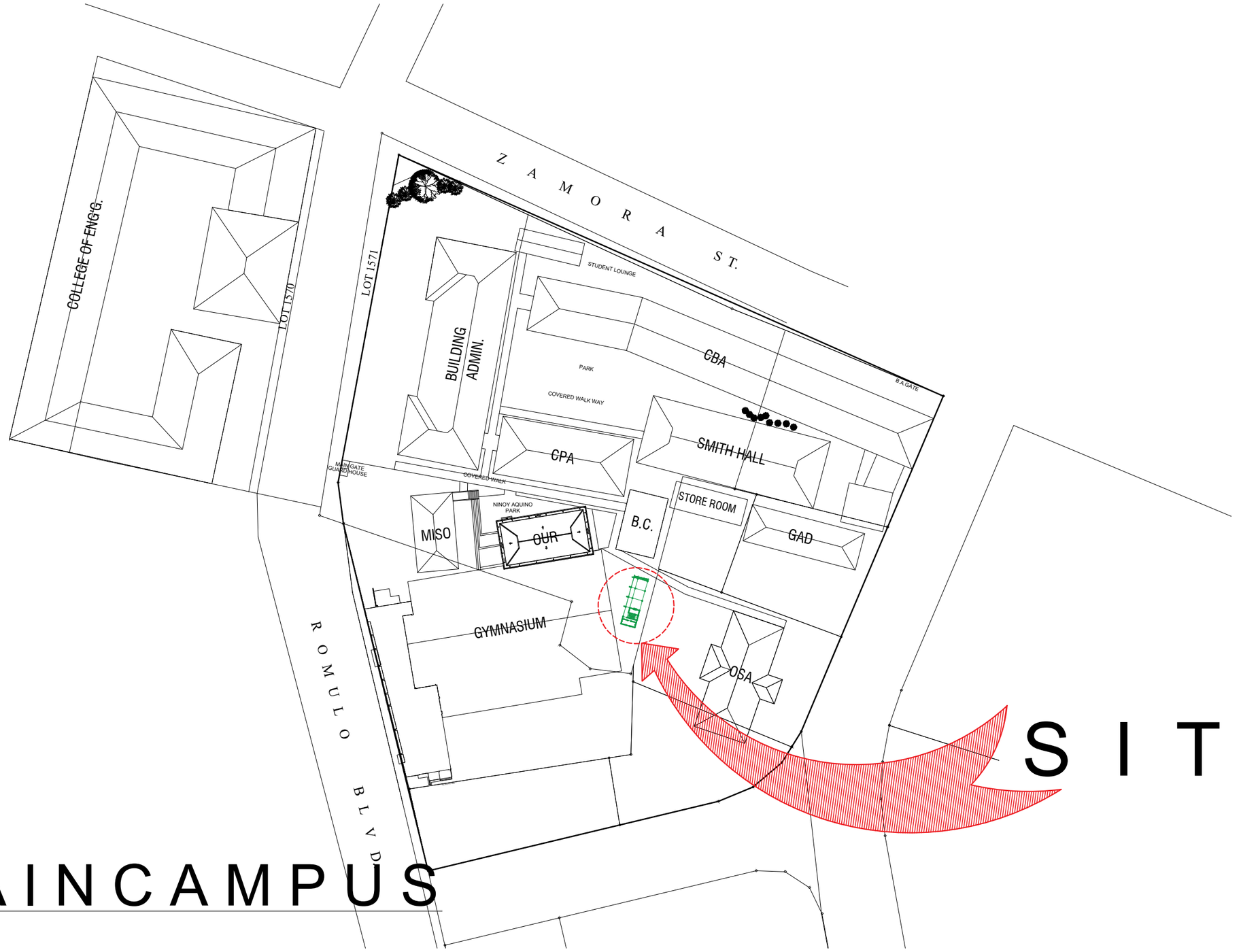
PROJECT LOCATION:						**PREPARED:**		PAGE NO:
TARLAC STATE UNIVERSITY						AR. KING JHON PAUL R. TALON ARCHITECT	**DATE:** JANUARY 2021	1/4



MAIN CAMPUS

SITE

TARLAC STATE UNIVERSITY Facilities Development and Management Office Romulo Boulevard, Tarlac City, Philippines 2300	PROJECT TITLE: GEOTECHNICAL INVESTIGATION OF TARLAC STATE UNIVERSITY PROJECT LOCATION: TARLAC STATE UNIVERSITY	REQUESTING OFFICE: AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	REVIEWED BY: ENGR. RYAN M. LAYUG FDMO-PMU, HEAD	RECOMMENDING APPROVAL: AR. FERDINAND S. VALENCIA FDMO, DIRECTOR	RECOMMENDING APPROVAL: DR. MARLON V. GAMIDO VP ADMIN AND FINANCE	APPROVED: DR. MYRNA Q. MALLARI PRESIDENT	CHECKED: ENGR. RYAN M. LAYUG CIVIL PREPARED: AR. KING JHON PAUL R. TALON ARCHITECT	SHEET CONTENTS: AS SHOWN DATE: JANUARY 2021	SHEET NO: 2 PAGE NO: 1/4