

Technical Requirements and Conditions

IB 2022-23 – LOT 2- INTERNET CONNECTIVITY FOR BUGUIAS CAMPUS FOR TWO (2) YEARS

I. Introduction

This Project Technical Requirements and Conditions provides the description of the project, the technical specifications, terms and conditions as well as documentary requirements to support the procurement process for the internet service for Buguias Campus.

II. Rationale

Information today is a constantly changing resource. A resource that is needed by Benguet State University and its off-campus site, its clientele whether students, faculty, researchers, staff, and the likes. The Internet has evolved and it not only holds the largest collection of information but also has become the medium of communication, sharing and collaboration. The new normal for the university requires events and activities to be conducted online such as online teaching, live streaming, webinars, e-conferences, e-meetings, virtual programs/events and the likes.

The Buguias campus has existing internet service however, the resource is unstable due to distance, rugged terrains and mountainous geography. Also, the connectivity is affected by various factors such as power outages and frequency congestion thus affecting the connectivity to its worst.

With the timely availability of fiber optics in the area, this project seeks to upgrade the infrastructure and provide a better internet service.

III. Scope of Work

The project requires the installation of:

- a. Installation and maintenance of internet service for Buguias campus

The service provider shall:

- a. Up to 500 Mbps business DSL via fiber connectivity up to the network of the campus with a hand-off compatible with the university's LAN
- b. Provide additional necessary telecommunications equipment and materials as needed
- c. Comply with applicable laws on radio licenses and other required permits
- d. Provide local technical support and maintenance service on next day business day
- e. Provide billings online or via eMail
- f. Provide rebates on outages
- g. Provide a single point of contact person for communication and technical support

IV. Qualification Requirements

The service provider:

- a. Must be a registered IT telecommunications service provider with digital network installation as one of its major service
- b. Must have the capacity and ability to provide local maintenance services and technical support.
- c. Philgeps registered

V. Technical Requirements

- a. Bidders must submit detailed work plan specifying installation design, detailed activities, connectivity diagram up to the end user premise
- b. Service provider shall provide of technical support services through phone within the next business day.
- c. Complete the delivery of the functional network within 30 days from the receipt of the Notice to Proceed

Note: The number of nodes will depend upon the evaluation of the service provider

VI. Contract Period

The service contract period is 2 years. The contract may be extended upon agreement by the university and the service provider subject to conditions. The contract may be terminated by the university any time after the contract period.