

For Provision of Internet Connectivity at Laliguras Homestay

Project Title: Internet Installation and Services for Laliguras Homestay

Issued by: Swargadwari Municipality

Issue Date: 2082/02/20

Submission Deadline: 2082/02/26

1. INTRODUCTION

Laliguras Homestay, a community-based tourism initiative, is located in a rural but developing area where tourism services are expanding. To enhance guest satisfaction and digital accessibility, the management invites sealed bids from qualified Internet Service Providers (ISPs) or reseller (If the applicant is a **reseller and not a direct ISP**, they must have obtained a **reseller authorization or agreement** from an ISP that is duly registered with the NTA, and provide valid proof of this arrangement.) for the installation of high-speed internet service across its 25 homestay units.

2. OBJECTIVE

The objective of this bid is to:

- Provide seamless and reliable internet connectivity to 25 separate homestay units.
- Enable guests to access high-speed Wi-Fi in each room and common area.
- Establish a system that is scalable and maintainable with minimal downtime.

3. SCOPE OF WORK

The selected form will be responsible for the following tasks:

3.1 Site Survey

- Conduct a physical survey to assess infrastructure needs.
- Identify the best method of connectivity (fiber-optic preferred).

3.2 Design and Planning

- Design a network layout including:
 - Centralized router
 - Individual access points (indoor/outdoor)
 - Cabling layout

3.3 Supply and Installation

- Deliver all necessary equipment and materials (routers, cables, access points, etc.)
- Install fiber-optic from the main gateway to each unit.

- Set up Wi-Fi access in each room with individual SSIDs or shared network.

3.4 Testing and Commissioning

- Perform system testing, signal strength testing in all units.
- Provide documentation of internet speed and coverage.

3.5 Training and Handover

- Train local staff on basic troubleshooting and usage.
- Hand over the complete system with manuals and credentials.

3.6 After-Sales Service

- Provide technical support for at least **1 year**.
- The internet fee must be free for 1 year.
- Ensure maintenance visits within 48 hours of complaint.

4. TECHNICAL REQUIREMENTS

Feature	Specification
Bandwidth	Minimum 100 Mbps
Connectivity Type	Fiber-optic (preferred)
Wi-Fi Standard	802.11ac or higher
Access Points	Minimum 1 per unit
Router	Commercial-grade with VLAN and bandwidth control
Signal Coverage	At least -65 dB signal strength in all rooms
Uptime	Minimum 98% monthly uptime guarantee
Security	WPA3 encryption, firewall system, MAC filtering

5. ELIGIBILITY CRITERIA

Bidders must meet the following requirements:

- The **Internet Service Provider (ISP)** must be **registered with the Nepal Telecommunications Authority (NTA)**.
If the applicant is a **reseller and not a direct ISP**, they must have obtained a **reseller**

authorization or agreement from an ISP that is duly registered with the NTA, and provide valid proof of this arrangement.

- Valid PAN/VAT certificate and latest tax clearance.
-

6. BID DOCUMENTS REQUIRED

Each bidder must submit the following:

1. **Company Profile**
2. **Technical Proposal:**
 - Network design
 - List of equipment (with brand and model)
 - Implementation plan with timeline
3. **Financial Proposal** (separately sealed):
 - Equipment cost
 - Installation and labor charges
 - Service & maintenance charges for one year
4. **Legal Documents:**
 - Company registration
 - Tax clearance certificate

7. FINANCIAL TERMS

- Payment Schedule:
 - 100% on successful installation and testing and final handover and training
- Warranty & Support:
 - Minimum 1 year full system warranty
 - Free maintenance support for 12 months
 - The Internet must be free for 1 year.

8. RIGHTS & DISCLAIMERS

- The Municipality reserves the right to reject any or all bids without assigning any reason.
- Only shortlisted bidders may be invited for further negotiation.
- Late or incomplete bids will be disqualified.

9 Submission Instructions

Physical Submission:

Sealed envelope with subject line: "**Bid for Internet Connectivity – Laliguras Homestay**"

Detail Estimate of Internet Connection to Laliguras Home Stay (The internet fee Must be free for 1 year.)						
S.N	Product	Description	Quantity	Unit	Rate	Total amount
1	5G combo dual band router	Up to 1.2 Gbps Wi-Fi speeds, 300 Mbps on 2.4GHz, 867 Mbps on 5GHz, supports GPON and EPON dual modes for flexible fiber internet access. Full Gigabit Ports: Up to 10x faster than standard Ethernet, deliver lightning-fast wired performance	25	pc		
2	Drop Cable (150 meter roll)	Length: 150 m Per Roll, FTTH Fiber Optic Drop Cable Patch Cord SC to SC Simplex SM Jumper Description FTTH Fiber Optic Drop Cable Patch Cord SC to SC Simplex SM Jumper Application: Long distance and local optical transmission network, data transmission network, image transmission networks, CATV, optical test instruments, photoelectric automatic control system The fiber optic drop cable patch cord has two connectors in each end of the cable to make connection; pigtail cable is one cable with a connector. The connectors are with SC type, ceramic ferrule to be polished as UPC. A SM conversion patch cord is with two different connector. Our produces high performance patch cord with advanced grinding tech, imported processing facilities and scale economies effected.	8	roll		
3	Drop Cable (100 meter roll)	Length: 100 meter per roll, The fiber optic drop cable patch cord has two connectors in each end of the cable to make connection; pigtail cable is one cable with a connector. The connectors are with SC type, ceramic ferrule to be polished as UPC. A SM conversion patch cord is with two different connector. Our produces high performance patch cord with advanced grinding tech, imported processing facilities and scale economies effected.	9	roll		

4	Drop Cable (50 meter roll)	Length: 50 meter per roll, The fiber optic drop cable patch cord has two connectors in each end of the cable to make connection; pigtail cable is one cable with a connector. The connectors are with SC type, ceramic ferrule to be polished as UPC. A SM conversion patch cord is with two different connector. Our produces high performance patch cord with advanced grinding tech, imported processing facilities and scale economies effected.	8	roll		
5	Network Cable	CAT6 Ethernet Cable (30 Meter each Location)				
6	Accessories	electrical accessories,RJ45, power socket, multi plug (1 set per location)				
7	installation	All complete work (Cabling, Mounting, Testing, Training etc.) (All 25 Location)				
8	DSL Router	Enable guests to access high-speed Wi-Fi in each room and common area.	13	pcs		
Total Cost						
13% VAT						
G. Total						

Total In words:

Authorized Signatures:

Client Representative:

Name: _____

Signature: _____

Date: _____