



लुम्बिनी प्रदेश सरकार

# सूचना तथा संचार प्रविधि प्रतिष्ठान

बुटवल ६, जागृतिपथ रूपन्देही नेपाल

Notice No. 01/2080/081

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## INVITATION FOR BID

Suchana तथा Sanchar Prawidhi pratisthan Lumbini Pradesh Butwal, invites Request for bid from interested and eligible national bidders for supply, delivery, and installation of various software licenses.

SN	Project ID	Name of Project	Cost of Bid Document	Bid Security
1	SPSS-PCS 2080/081-05	Procurement of software licenses	NPR 1000.00	NPR 18,000.00

Information to deposit the cost of bidding document in Bank:

Name Of the Bank	Name of Office	Office Code No	Rajaswa (revenue) shirshak No	Rajaswa Account	Dharauti Account
Nepal Bank Ltd. Sishani ya Dang	Suchana तथा Sanchar prawidhi pratisthan	314615 6015	14229	2740200000100100 0001 KHA 1.1 RAJASWA KHATA	2930200000200600 0001 KHA 2.3 PRA. LE. KA. LUMBINI DHARAUTI KHATA



For further information, please contact or visit office website <https://ictp.lumbini.gov.np>.

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Executive Director

## Technical specifications of Purchase of software licenses

### **Bulk Call Notification System**

#### **1. Campaign Management**

- Creation: Support for creating voice message campaigns with unique identifiers, names, and descriptions.
- Scheduling: Support for scheduling call campaigns for future dates and times.

#### **2. Voice Message Delivery**

- Text to Speech (TTS): Support for AI Powered **Nepali Text to Speech** bulk broadcast with multiple voice options.
- Recorded Voice: Support for broadcasting pre-recorded voice messages.

#### **3. Monitoring and Reporting**

- Real-time Monitoring: Real-time tracking of voice message delivery status, including successful deliveries, failures, and durations.
- Detailed Reporting: Generation of detailed reports for each campaign, including metrics such as playback duration and credit consumption.
- Notifications: Configurable notifications for campaign statuses and issues.

#### **4. Personalization and Tags**

- Tagging System: Support for dynamic tags within voice messages, enabling personalized content (e.g., recipient's name, age).
- Variable Support: Ability to include multiple variables within a message for enhanced personalization.

#### **5. API Integration**

- API Access: Provide RESTful API endpoints for all functionalities, including campaign creation, update, deletion, scheduling, and reporting.
- API Documentation: Comprehensive API documentation with examples and usage guidelines.
- Authentication: Secure API access using token-based authentication.

#### **6. User Interface**

- User Dashboard: Credit-based management dashboard to track usage and remaining credits.
- User Management: Role-based access control to manage user permissions and access levels.

#### **7. Technical Requirements**

- Scalability: The solution must handle high volumes of voice messages with minimal latency.
- Reliability: Ensure 99.9% uptime for the voice messaging service.
- Security: All data transmissions must be encrypted using SSL/TLS protocols.



- Compatibility: The solution should be compatible with standard web technologies and integrate seamlessly with existing systems.

## Wildcard SSL Certificate Specification

### 1. Overview

This document specifies the requirements for a wildcard SSL certificate to secure multiple subdomains under a single domain.

### 2. Certificate Details

- Certificate Type: Wildcard SSL Certificate
- Validation Level: Domain Validation (DV)
- Key Algorithm: RSA
- Key Size: 2048 bits
- Signature Algorithm: SHA-256 with RSA
- Validity Period: 1 year (365 days)

### 3. Domain Coverage

- The wildcard SSL certificate should cover the following domain pattern:
  - \*.lumbini.gov.np
- This will secure all first-level subdomains of example.com, such as:
  - subdomain1.lumbini.gov.np
  - subdomain2.lumbini.gov.np
  - ...

### 4. Certificate Authority

- The wildcard SSL certificate should be issued by a trusted Certificate Authority (CA).
- The CA should be recognized by major web browsers and operating systems.

## Office 365

### 1. Overview

Office 365 provides a suite of productivity tools and applications. It includes popular software like Word, Excel, PowerPoint, Outlook, and OneNote, as well as cloud services such as OneDrive and Teams for collaboration and communication. Microsoft 365 offers various plans tailored for home, business, and educational use, enabling users to access their files and applications from multiple devices with regular updates and robust security features. The service enhances productivity through integrated, cloud-based solutions and facilitates seamless teamwork and remote work capabilities.

#### 2.1 Office 365 Family

- For one to six people
- Sign in to five devices at once
- Use on PCs, Macs, phones, and tablets
- Up to 6 TB of secure cloud storage



- Apps with premium features and offline access
- Data and device security
- Ad-free secure email

#### 2.2 Office 365 Personal

- For one person
- Sign in to five devices at once
- Use on PCs, Macs, phones, and tablets
- 1 TB of cloud storage
- Apps with premium features and offline access
- Data and device security
- Ad-free secure email

