



भारत सरकार / Government of India  
मानव संसाधन विकास मंत्रालय / Ministry of Human Resource Development  
उच्चतर शिक्षा विभाग / Department of Higher Education  
भारतीय भाषा संस्थान / Central Institute of Indian Languages  
मानसगंगोत्री, हुणसूर रोड, मैसूर – 570006 / Manasagangotri, Hunsur Road, MYSORE- 570006

No. F. 5-4/2018-19/LDC-IL (DDM)

Dated: 27/04/2018

To

Dear Sir,

**Sub:** Services Required for Development of a Data Portal – reg.

Applications/quotes are invited by the undersigned for providing the services of web development for a data portal of LDCIL at a fixed price of Rs. 25,000/- per month for a period of one year.

The applicant/service provider needs to develop the portal as per the specifications given below and provide maintenance of the same for a period of one year.

The service may be provided either by an individual or by a team of individuals.  
The specifications are as noted below:

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### Requirement Specifications

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LDCIL needs to develop a data portal for project called Linguistic Data Consortium for Indian Languages (LDC-IL). This is a government of India project which have been running at CIIL for around 10 years now. The project develops language data for 23 Indian languages for the purposes of artificial intelligence and natural language processing etc. for the Indian languages.

This would be data distribution site with the features similar as at the following two websites:

<http://catalog.elra.info/en-us/>  
<https://www ldc.upenn.edu/>

The above two agencies have similar roles and functions and are operating from Europe and US, respectively.

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The UI of the portal has to be presented in at least two languages of English and Hindi.

Features:

1. Have a Menu Bar

This will serve the main pages and categories of the portal.

2. Construct catalogue manually from a database

Make database searchable

Tentative Structure of the Database

SL	Field
1	Resource Type
2	Corpus Type
3	Language (s)
4	Data Source
5	Unit
6	ISBN
7	ISLRN
8	Catalogue Number
9	Authors
10	Release Date
11	License(s)
12	Documentation
13	Licensing Instructions
14	Citation
15	Introduction
16	Sample Data
17	Cost for Industry
18	Cost for Not-for-Profit Purposes
19	Other Terms and Conditions

The catalogue items would be fetched from this database and presented as an item for sale/distribution to the intended users.

3. Security Mechanism

The portal will also have login system and other security management systems wherein the users would be able to register themselves after which they would also be able to purchase the datasets. Purchasing options are available for different categories of users. For example, for academic and not for profit purposes, the datasets are to be free but the users have to sign a special agreement for this purpose. This process may be semi-automatic wherein the users would be asked to submit the documents proving that they belong to the category they are claiming.

Please note, searching in the catalogue would be open to public. People will have to login to the portal only if they want to download something or want to see what they have purchased.

4. Data Download Mechanism:

The data would also be available for download on the portal. Please note that the data sizes may range from a few MBs to several GBs. A mechanism has to be developed such that users are able to download the data over web. The data might be placed on more than one

servers located at different places within India.

#### 5. Data Submission Mechanism

We will also develop a contact form wherein other data collectors would be able to submit their data which may be published by LDCIL. This form may look something like the following:  
<https://www ldc.upenn.edu/data-management/providing/submission>

LDCIL will provide the content of the static pages and create the initial database from where the content has to be fetched.

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## 2. **Quoted Price:**

This would be a fixed price and no change in the prices would be entertained. The individual/team of individuals would be given a lump-sum amount of Rs. 25,000 per month.

3. Each individual/team must submit only one application/quotation.

## 4. **Evaluation of Applications/Quotations:**

The evaluation would be done on the basis of the applications submitted. The Institute reserves all the rights to reject any applications if it does not deem the applicant fit to meet the requirements as set above.

## 5. **Last date and time of receipt of quotations:**

You are requested to submit the sealed quotations superscribed on the envelope as "**Quotations for the supply of SMPS for NTM**" Due on 25/07/2016 latest by 17:00 hours.

We look forward to receiving your quotations.

Yours faithfully,

(Narayan Choudhary)  
Asst. Director (Admin) i/c

## **Address List**

**1. Chira Solutions,  
#A107, Adithya Elan,  
New Temple Road, Nallurahalli,  
Whitefield, Bangalore – 560066**

**2. Crisant Technologies  
314, Dewans Road,  
G6 Premier Residency,  
Devraj Mohalla, Mysore, KA 570024**

3. CIIL Website (Any valid supplier can quote for the item with reference to the web based quote).