



Bangladesh Computer Council (BCC)
Enhancement of Bangla Language in ICT through Research & Development
Information and Communication Technology Division
Ministry of Posts, Telecommunications and Information Technology
 ICT Tower, Agargaon, Dhaka-1207, Bangladesh
 www.bcc.gov.bd



Request for Expression of Interest (EOI)	
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH	
1	Ministry/Division: Information and Communication Technology Division
2	Agency: Bangladesh Computer Council
3	Procuring Entity Name: Executive Director, Bangladesh Computer Council
4	Procuring Entity Code: 3039
5	Procuring Entity District: Dhaka
6	EOI for Selection of: Consulting Firm (Time Based)
7	Title of Service: Development of Bangla Spell & Grammar checker (SD 14)
8	EOI Ref No.: 56.01.0000.029.32.036.17-257
9	Date: 3 August 2017
KEY INFORMATION	
10	Procurement Method: Quality and Cost Based Selection (QCBS)
FUNDING INFORMATION	
11	Budget and Source of Funds: Development Budget (GoB)
12	Development Partners: None
PARTICULAR INFORMATION	
13	Project/Programme Code: 5-2805-5007
14	Project/Programme Name: Enhancement of Bangla Language in ICT through Research & Development Project
15	EOI Closing Date: 20 August 2017, 03:00 PM
INFORMATION FOR APPLICANTS	
16	<p>Brief Description of Assignment: The following points describe the scope of the Development of Bangla Spell & Grammar checker in brief:</p> <ul style="list-style-type: none"> • The Tools (spellchecker and Grammar checker) must be able to detect wrong use of Bangla language with most appropriate semantic and grammatical correction. • The spellchecker must be able to correct all types of mistakes such as Phonetic spelling mistakes, Typos, Irregular verb conjugations, Similar sound words, Misused words correction, punctuation marks etc. • The spellchecker must be able to correct Contextual spelling mistakes. • The grammar checker must be able to correct all types of mistakes such as Subject verb agreement, Gender, Singular/Plural nouns, Consecutive nouns; Verb tenses relations, prefix-suffix usage, adjective/adverb usage and more. • Must have option for Automatic correction and suggestion dependent correction. • Must have option for Colorful representation of mistakes with verities etc. • The component must be compatible with MS office, popular browsers and DTP software. • The software should be compatible with major OS (All versions of windows, Linux, Macintosh, android) and browsers (like Firefox, IE, Chrome etc). And also must compatible with major Devices (Mobile, PC, Laptop, Notebook etc). • The component/software must have the proper comments to understand the code and future update. • All the documents including the source code and test script will have to be provided to the Project Authority for further maintenance and extensibility of the Component/ Software. • The product in different phases of the software development will be tested by the team of nominated consultants. • The firm must follow a well-defined software development process to meet the SQA (Software Quality Assurance) Criteria specified by the nominated consultants. <p>EBLIC Project now invites eligible firms to indicate the interest for providing the services. Interested firms are invited to provide information indicating that they are qualified to perform the services as mentioned in the serial number 17: Experience, Resources and Delivery Capacity Required. This will require substantiation through submission of brochures and other documents describing similar assignments, experiences, availability of appropriate professional qualifications and experiences among applicant's staffs, resources to carry out the assignment, financial capability, etc. A firm may associate with other firm to fulfill their qualifications.</p> <p>A shortlist of firms will be prepared upon evaluation of EOIs of the eligible firms and "Request for Proposal" documents will be issued in their favor. A firm will be selected using the Quality and Cost</p>

		Based Selection (QCBS) method. It is expected that the services will commence on October 2017 . Total duration of the assignment is twelve (12) months where six (6) months are for development and six (6) months are for testing, installation, training and commissioning.
17	Experience, Resources and Delivery Capacity Required:	<p>This is a national project with utmost importance towards achieving the Vision 2021: Digital Bangladesh. The firms must prove that they have solid technical background and operational strength to undertake and move this work forward without any hindrances. The firms must also have adequate technical ability, resources, and processes. As such, following are defined as minimum eligibility criteria:</p> <ul style="list-style-type: none"> ▪ The firm must have minimum 5 years experience in Bangladesh about software and services; ▪ The firm must have practical experience of developing NLP based Software/ Linguistics Big Data Processing (Text, image, Signal) Processing Software/ Linguistics software. ▪ The firm must have sufficient system architect, software developers, language Technology Specialist and Bangla Language Specialist (in high, medium and low levels) having experiences in developing high quality applications. ▪ The firm having experience and specialist in Artificial Intelligence, Neural network, machine learning, Big data management will get additional advantage; ▪ The firm must have full-time professionals capable of running large scale system in all major platforms (e.g., Windows, Mac, Linux, android, Web Server Based). ▪ The firm should have sufficient experience and knowledge with the functionalities and architectures of both commercial and open source. ▪ The firm having experience in developing software solutions for Government of Bangladesh will get additional advantage; ▪ The firm should demonstrate its management capacity (brochures and other documents describing similar assignments, experiences, availability of appropriate professional staffs and experiences among applicant's staffs, resources to carry out the assignment) in managing large scale projects; ▪ The firm has to demonstrate its logistical capability, i.e., well-equipped office space in Dhaka with necessary facilities; ▪ The firm must have the sufficient amount of liquid assets, i.e., working capital or credit line(s) supported by competent documents; ▪ The firm must have update-audit-report of previous 5 years. The firm must have submitted yearly turnover report/documents; ▪ The firm must have valid an up-to-date trade license, income tax and VAT certificates; ▪ The firm must provide a detail specification module of the components/software as per understanding of the firm; ▪ JVCA is allowed as per PPA-2006 & PPR-2008; But all the firms must be Bangladeshi firm.
18	Other Details:	<p>The REOI would be reviewed on the basis of the following:</p> <ol style="list-style-type: none"> 1. Experience of the firm(s) in NLP/Language Technology Software Development . 2. CV of Key professionals 3. Turnover of the Software firm 4. Other submitted document of the firm 5. Details Specification Module 6. History of litigation (if any) in courts or any arbitrations proceedings. <p>Interested firms shall obtain further information from the Project Office from 10:00 AM to 4:30 PM in any working day before the closing date. Firms shall have to submit 2(Two) copies of EOIs and forwarding letter in a sealed envelope labeled with "EOI for Development of Bangla Spell & Grammar checker" to the following address. More information on this project can be obtained from http://www.bcc.gov.bd/</p>
19	Association with foreign firm is:	Not applicable
PROCURING ENTITY DETAILS		
20	Name of Official Inviting EOI	Md. Sarwar Mustafa Chowdhury
21	Designation of Official Inviting EOI	Project Director, Enhancement of Bangla Language in ICT through Research & Development Project
22	Address of Official Inviting EOI	8th Floor, ICT Tower, E-14/X, Agargaon, Sher-e-Bangla Nagar, Dhaka-1207
23	Contact Details of Official Inviting EOI	Phone: 55006841, Fax: 912462, Email: sm.chowdhury@bcc.gov.bd
24	Place-Time of the Pre-Tender Meeting	13 August 2017, 11.15AM (8th Floor, ICT Tower, E-14/X, Agargaon, Sher-e-Bangla Nagar, Dhaka)
25	The procuring entity reserves the right to accept or reject any/all EOI without assigning any reason whatsoever.	