

Bangladesh Rural Electrification Board
MUNSHIGONJ PBS, SHIPAHIPARA, MUNSHIGONJ

REQUEST FOR EXPRESSIONS OF INTEREST (For Selecting International FIRM)

1.	Ministry/Division	Power Division, Ministry of Power, Energy & Mineral Resources.
2.	Agency	Bangladesh Rural Electrification Board (BREB).
3.	Name of Procuring Entity	Munshigonj Palli Bidyut Samity, Shipahipara, Munshigonj
4.	Procuring Entity District	Munshigonj, Bangladesh
5.	Expression of Interest for Selection of	International Consulting Firm for Consultancy Service for Detailed survey and feasibility study of Sub-transmission and Distribution Network within Munshigonj Upazila, in Munshigonj district under Munshigonj Palli Bidyut Samity and Preparation of BOQ and Cost Estimate to Establish an underground Distribution Network Replacing the existing Overhead Sub-transmission and Distribution Network.
6.	EOI Ref. No & Date	Memo No. 27.12.5956.543.43.303.17-3431,3434, 3435 Date: 27/09/2017
7.	Date (dd/mm/yyyy)	28/09/2017
KEY INFORMATION		
8.	Procurement Sub-Method	Quality Cost Based Selection (QCBS)
FUNDING INFORMATION		
9.	Budget and Source of Funds	Munshigonj Palli Bidyut Samity
10.	Development Partner (if applicable)	Not Applicable
PARTICULAR INFORMATION		
11.	Project/ Programme Name (if applicable)	Underground Distribution system in Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila in Munshigonj district under Munshigonj Palli Bidyut Samity
12.	EOI Closing Date & Time	26/10/2017 Time:12.00PM(BST)
INFORMATION FOR APPLICANT		
13.	Brief description of the project.	a) Inventory of Existing Distribution System, Preparation of Line Sketch and Single Line Diagram. b) Feasibility Study of Conversion of Proposed Underground Distribution Network. c) Design and Drawing of Proposed Underground Distribution Network. d) Preparation of Master Plan, BOQ and Cost Estimation for the Proposed Underground Distribution Network. e) Transfer of Technology.
14.	Scope of services	i. Inventory of Existing Distribution System, Preparation of Line Sketch and Single Line Diagram: (a) Detail Inventory of Existing Distribution Network with Preparation of Feeder Wise line Route Sketch and preparation of Single Line Diagram of all 33KV, 11 KV and 0.4 KV Feeders and all network elements under Munshigonj Palli Bidyut Samity on the map. (b) Survey and Preparation of Geographical Map with Establishment of Geo-coordinate including roads, buildings, various installation, empty spaces, sewerage lines, water supply lines, gas transmission lines, telephone and internet lines within Munshigonj Upazila, in Munshigonj district under Munshigonj Palli Bidyut Samity on Digital Base Map. (c) Identifying capacity and dimension of existing 33 kV, 11 kV, 0.4 kV and 0.23 kV underground cables/conductors / service cables etc. ii. Feasibility Study of Conversion of Proposed Underground Distribution Network: (a) Feasibility study of underground Distribution system in Munshigonj Upazila, in Munshigonj district under Munshigonj Palli Bidyut Samity . (b) Identifying barriers and challenges for implementation of the proposed underground Distribution Network considering ducting system. (c) Preparation of plans and strategies to mitigate the barriers and challenges for implementation of the mentioned Underground Distribution Network. (d) Environmental Impact on implementation of U/G System or conversion of OH system into U/G system will be included in the feasibility study. iii. Design and Drawing of Proposed Underground Distribution Network: (a) Preparation of design for proposed 11/0.4 kV transformers (Pad Mounted/ Four leg Mounted Unit/Kiosk substation/built-in RMU when necessary),11kV Ring Main Unit (Drawings with Detailed Specification) and 0.4 kV Switchgear/Distribution Box considering all protection scheme, the roads and space limitation of Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,in Munshigonj district under Munshigonj Palli Bidyut Samity . (b) Preparation of detail Drawing, Design and estimation of construction of underground electrical distribution network in Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,in Munshigonj district under Munshigonj Palli Bidyut Samity . like modern underground system in the developed country.

		<p>(c) Underground system should be designed considering probable Earthquakes and any other disasters.</p> <p>iv. Preparation of Master Plan, BOQ and Cost Estimation for the Proposed Underground Distribution Network:</p> <p>(a) Drawing, Design and estimation for conversion of all Existing Overhead networks of Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila, in Munshigonj district under Munshigonj Palli Bidyut Samity, into Underground Distribution Network.</p> <p>(b) Feeder to feeder interlink (11 kV) and future 11 kV feeder split up must be considered during Design of 11 kV RMUs (Ring Main Units). Provision for sufficient 0.4 kV and 0.22 kV service connections should be available in the Distribution Box.</p> <p>(c) Submission of proposal for new 33/11 kV substations and replacement of existing Overhead Distribution Network by Underground Distribution Network System analyzing the system demand data, load curve, consumer growth, consumption growth, per capita consumption, historical demand growth and load centers for proper design of Underground Distribution Network considering Master Plan of Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila, in Munshigonj district under Munshigonj Palli Bidyut Samity, of BREB and Government of the People's Republic of Bangladesh up to year 2041.</p> <p>(d) The entire area shall be divided into several zones and preparation of Priority List for implementation of the mentioned Underground Electric Distribution Network considering load growths, locations, voltage levels, consumer patterns, revenue incomes, existing road network, road size and preparation of time bound detailed implementation schedule.</p> <p>(e) Cost estimation for design, drawing and BOQ, preparation of the proposed Underground Distribution Network.</p> <p>(f) Any other scope felt essential by the consultant for successful completion of the study.</p> <p>v. Transfer of Technology:</p> <p>(a) Transfer of necessary technology to BREB & Munshigonj Palli Bidyut Samity, (including tools, models, training & capacity development of BREB/PBS Engineers etc.</p>
15	Experience, Resources & Delivery Capacity Required	<p>(a). The consultant shall submit audited balance sheets and income statements or, if not required by the law of the applicant's country, other financial statements acceptable to the Employer for the last 3 (three) years to demonstrate the current soundness of the applicant's financial position and its prospective long-term profitability.</p> <p>(b). The consultant shall have minimum average annual turnover of US\$ 500,000.00 (US Dollar Five Hundred Thousand Only) calculated as total certified payments received for contracts in progress or completed, within the last 3 (three) years.</p> <p>(c). The consultant (partners in case of JV) must have at least 08 (eight) years experience in the field of electrical consultancy services with at least 02 (two) electrical consultancy projects having minimum total contract amount of US\$ 250000.00 (US Dollar Two Hundred Fifty Thousand Only) or equivalent in their own country/outside their own country as on the date of EOI submission. Such evidence shall be in client's letter head indicating address, telephone, E-mail and fax numbers of the clients and shall include name of the project, name of the employers, and description of the work, duration of the project and contract amount. Certificates as evidence must be written in English.</p> <p>(d). The consultant must have specific experience of satisfactory completion of similar works (consulting services for survey of distribution network and digitized mapping, planning, preparation of BOQ's material estimate for converting Overhead Distribution Network to Underground Distribution Network and provide training for capacity building of client's personnel in 02 (Two) contracts over a period during the last 10 (ten) years amounting to minimum US\$ 200,000.00 (US Dollar Two Hundred Thousand Only) or equivalent. The above experience shall be supported by client's certificate in their letter head indicating their address, telephone, E-mail & fax number and details of project, (i.e. name of the project, name of the employers, description of the work, duration and contract amount). Certificates as evidence must be written in English.</p> <p>(e). The consultant shall have requisite number of appropriate key professionals like Minimum Graduate Computer/Electrical/Mechanical Engineers, GIS experts, social & financial expert experienced in the relevant fields (e.g. Survey, GIS based / digitized mapping and distribution network planning etc.) to carry out the proposed consulting services and shall furnish the list of key professionals and their CV with photograph.</p>
16	Other detail	<p>(a). Short listing will be made in accordance with the "Rule-115 of Public Procurement Rule (PPR)-2008."</p> <p>(b). Interested firms will provide information indicating that they are qualified to perform the service (Brochures, Description of Similar Assignments, Experience in similar working conditions,</p>

	<p>Availability of appropriate qualification and experience among staff with signed Curriculum Vitae.</p> <p>(c).The Expression of Interest (EOI) must be submitted in 4(Four) sets (One Original & Three Copies) on or before Date: 26/10/2017 and Time: 12:00 PM to the office of the PE (Munshigonj PBS) or Director, System Engineering & Design, BREB, Dhaka, Bangladesh. The proposals/ Applications will be opened on Date: 26/10/2017, Time:15.00 PM Bangladesh Local Time in presence of the representatives of the EOI Applicant (If any). The Expression of Interest shall be submitted in sealed envelope and clearly marked with name of the assignment to the office of the Inviting official.</p> <p>(d). Interested applicants may obtain further information from the undersigned during the office hours (9:00 to 17:00 hours BST).</p>
--	---

17			Indicative Start Date (Month/Year)	Indicative Completion Date (Month/Year)
	Phasing of Services	Location		
	I. Inventory of Existing Distribution System, Preparation of Line Sketch and Single Line Diagram	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	March, 2018	May, 2018
	II. Feasibility Study of Conversion of Proposed Underground Distribution Network	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	March, 2018	May, 2018
	III. Design and Drawing of Proposed Underground Distribution Network	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	March, 2018	May, 2018
	IV. Preparation of Master Plan, BOQ and Cost Estimation for the Proposed Underground Distribution Network	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	March, 2018	May, 2018
	V. Transfer of Technology	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	March, 2018	May, 2018
	VI. Project completion report	Munshigonj Pourashava, Mirkadim Pourashava, Panchasar & Rampal Union of Munshigonj Upazila,Area under MPBS	May, 2018	June, 2018

PROCURING ENTITY DETAILS

18	Name of official inviting Expression of Interest	Md. Mahbub Rahman
	Designation of official Inviting Expression of Interest	Senior General Manager
	Address of official Inviting Expressions of Interest	Munshigonj Palli Bidyut Samity, Shipahipara, Munshigonj
	Contact details of official Inviting Expressions of Interest	Tel : 02-7612844 Mobile: 01769400050 e-mail: mngpbs@yahoo.com
The procuring entity reserves the right to accept or reject any or all EOI without assigning any reason whatsoever.		



Senior General Manager
Munshigonj Palli Bidyut Samity
Shipahipara, Munshigonj