

Reference to EOI No. INF-KRY No. 2735/18 published in Daily Dawn English on June 13, 2018, Daily Sobh Sindhi and Daily Jung Urdu on June 14, 2018 is withdrawn and the following is published as its replacement:

EXPRESSION OF INTEREST (EOI)

River Morphological Study, Flood Hazard Mapping and Establishment of Decision Support System for Sindh Province

Pakistan P155350: Sindh Resilience Project (Irrigation Component) River Morphological Study, Flood Hazard Mapping and Establishment of Decision Support System for Sindh Province
 Consultancy Services for
 Implementation Agency Sindh Irrigation Department
 Credit No: IDA-5888-PK

The Government of Sindh has received a "Credit" from the International Development Association (IDA) for **Sindh Resilience Project**, and it intends to apply part of the proceeds of this credit to payments for hiring services for **River Morphological Study, Flood Hazard Mapping and Establishment of Decision Support System for Sindh Province**

For early warning of floods, timely preparedness, assistance in making critical decisions during floods and minimize overall flood losses, the Sindh Irrigation Department intends to hire consultants for the development of Decision Support System for Indus. This system will strengthen existing flood management practices by integrating real-time hydrological data, spatial information, latest terrain representation, infrastructure capacities and thresholds, possible flood paths after breaching at a certain location, pre-assessed damages, and experience of previous flood handling. Due to the integration of GIS-based layers of various facilities, utilities, infrastructure, inundation layers and modeling tools, proposed DSS will also contribute in pre-flood preparedness and post-flood recovery and adopting efficient flood damage reduction strategies. The consultant will require engaging at least hydrologists, hydraulic modelers, GIS/RS specialists, Survey experts and Web Developers for development of DSS.

The Project Director Sindh Resilience Project (Irrigation Component) invites eligible consultancy firms/joint venture(s) with specific and proven competence and experience to indicate their interest in providing the services. Eligible firm(s) should submit Expression of Interest (EOI) in the English language along with relevant complete details of the qualifications and experience requested.

Interested consulting firms/joint venture(s) must provide information, indicating that they are qualified to perform above services (e.g. brochures, Registration of Firms, Detail of General Experience, description of similar assignments, values of previous assignments along with contact detail of past clients for each assignment, experience under similar conditions, Management Capacity, availability of appropriate professionals etc.)

The shortlisting criteria are:

Criteria	Marks
General Experience for offering similar services in flood management sector for at least past ten (10) years.	10
Specific Experience: They should have successfully completed at least two (2) similar assignments of comparable scale and complexity. It is expected that the interested firms / joint venture(s) have expertise in the hydraulic survey using modern GIS equipment, Hydrological Modeling, Hydraulic Modeling (both one dimensional and two dimensional), GIS mapping, web integration, flood modeling and Decision Support System.	50

Management Capacity: Details of the logistic capacity of the firm including general availability of technically qualified staff in the Surveying and Mapping, Hydrologic and Hydraulic Modeling, Remote Sensing and GIS applications, River Morphology study, Flood Modeling, Risk Assessment, Project Management, etc.	30
Logistical capacity through existence of established offices	10
Total	100

The consultants while submitting their Expression of Interest in association should clearly mention whether their association is a Joint Venture or Sub-consultancy. Moreover, under JV, each partner must be qualified to take over the responsibilities and roles of any of the partners in case one of them fails to perform or withdraws. In case of association of lead-sub consultant, the Lead Firm must be clearly mentioned in the EOI. However, consultants are not required to submit JV Agreement at shortlisting stage

A consulting firm(s) / Joint Venture(s) will be selected in accordance with the procedures set out in the World Bank's guidelines: Selection and Employment of Consultants by the World Bank Borrowers, **January 2011, (revised July 2014)**. The selection of the consultants will be made following **Quality and Cost Based Selection (QCBS) method**.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants by the World Bank Borrowers, **January 2011, (revised July 2014)**, setting forth the World Bank's policy on conflict of interest. Expression of Interest (EOI) must be delivered in a written form to the address below (in person or by mail) by **July 31, 2018, up to 16:00 Hours Pakistan local time**.

There shall be an information session in which consultant shall have an opportunity to enhance their understanding of the assignment and the associated procurement process. Information session shall be scheduled on 10th day after publication of the EOI. In case if it's a scheduled holiday on that date the session shall then be held immediately on next working day. Consultants are strongly encouraged to attend. A video recording of session shall also be made available on website: <http://srp Irrigation.gos.pk>

Detailed Terms of Reference (TORs) for the consultancy can be downloaded from the website of Sindh Resilience Project (SRP) "http://srp Irrigation.gos.pk".

Project Director

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