



GOVERNMENT OF SINDH
PLANNING & DEVELOPMENT DEPARTMENT
DIRECTORATE SINDH WATER SECTOR AND BARRAGES IMPROVEMENT

Ref. Published REOI Dated: 7th October 2022

REQUEST FOR EXPRESSION OF INTEREST
SELECTION OF INDIVIDUAL CONSULTANTS

The Directorate Sindh Water Sector and Barrages Improvement is functional under the administrative control of Planning & Development Department, Government of Sindh for Coordination and monitoring of foreign funded selected projects in water/ irrigation sectors.

In addition to other tasks, the unit is playing central role in formulation of Sindh Water Policy (SWP) and preparation of forth coming Sindh Water & Agriculture Transformation (SWAT) Project with involvement of both Irrigation and Agriculture Departments.

In this regard, the Directorate is implementing approved ADP Scheme No. 2617 to carry out important activities / tasks / strategic studies, technical support, data/ background information, documents etc. required for preparation as well as implementation of Sindh Water Policy (SWP) and Sindh Water & Agriculture Transformation (SWAT) Project.

In the purview of above, the services of eligible, motivated and dynamic professionals (i) **Irrigation Specialist (Team leader)**, (ii) **Agriculture Specialist**, (iii) **GIS Specialist** and (iv) **IT Specialist** are required to work as an **Individual Consultant** to “Develop foundation for Establishment of Hydro Agro informatics Centre”.

The assignment duration is Six months (extendible, subject to completion of assignment) to implement the following activities/ tasks pertaining to activity A4 of said ADP scheme:

1. Review Sindh Water and Agriculture Transformation (SWAT) Concept Note - Proposal for Hydro-Agro Informatics System.
2. Review reports and studies and international impact assessment / success stories on adoption of HAI system.
3. Participate in World Bank Meetings on SWAT.
4. Conduct Stakeholders Consultations / Networking with line department for Concept Clearance, Capacity Assessment and Way forward to overcome the gaps in adopting and implementation of HAI system.
5. Prepare Work Plan for constitution of HAI Centre, its organizational structure, and operations.
6. In consultation with project partners prepare TORs for HAI Consultant Firm to refine workplan and implementation of HAI Program.
7. Prepare Procurement Plan of Equipment's, IT Infrastructure, Human Resource for HAI formation.
8. Support in Launching of HAI Centre under SWAT.

Accordingly, the Directorate invites eligible individuals to indicate their interest for providing the services. Interested candidates should provide information demonstrating that He/ She has required qualification and relevant experience specified in the detailed TORs with roles & responsibilities of the assignment is available on official website i.e., <https://sbip.org.pk/jobs/>. Further detailed information can be obtained at address given below during office hours. i.e., 09:00 to 17:00 Hours PST.

Terms and Conditions:

- Consultant will be selected in accordance with rule 72(8) of SPPRA rules 2010 and revised till date for selection of Individual Consultants.
- Civil servants may be hired under provided that such hiring does not conflict with any employment or other laws or regulations, or policies of the country and if they (i) are on leave of absence without pay, or have resigned or retired; (ii) are not being hired by the agency they were working for before going on leave of absence without pay, resigning, or retiring, and (iii) their hiring would not create a conflict of interest.
- Applicants must possess domicile of **Sindh Province**.
- Maximum age of candidate shall be **45 years**.
- Expression of Interest in the form of CV providing details of qualification/ experience etc. for shortlisting and selection of above-mentioned position may please be delivered to the office address given below via email or by surface post ***not later than November 23, 2022, 1600 PST.***

Project Coordinator,

Directorate Sindh Water Sector and Barrages Improvement
Planning and Development Department,
Government of Sindh,

Phone No. 021-99205862-3 Fax: 021-99251255 Email: info@pcmu.gos.pk

TERMS OF REFERENCE
SELECTION OF INDIVIDUAL CONSULTANTS

Activity Reference: Activity A4 of ADP Scheme 2617
Duty station: Mainly Karachi (with field visits at Hyderabad and vicinity)
Duration: 6 Months (extendible, subject to completion of assignment)

Background:

The Directorate Sindh Water Sector and Barrages Improvement is implementing an ADP Scheme # 2617 of FY 2022-23 to carry out an important activities/ tasks/ strategic studies, technical support, data/ background information, documents etc. required during preparation as well as implementation of Sindh Water Policy (SWP) and Sindh Water & Agriculture Transformation (SWAT) Project.

In purview of above, services of following Individual Consultants as (i) *Irrigation Specialist (Team leader)*, (ii) *Agriculture Specialist*, (iii) *GIS Specialist* and (iv) *IT Specialist* are required, who will implement the tasks/ activities as described in the section below.

Subject Specific Roles and Responsibilities of Consultants:

S#	Position	Qualification	Roles and responsibilities
1.	Irrigation Specialist – Team leader (One position) Max. age: 45 years	<ul style="list-style-type: none"> • Advanced degree in Water, Irrigation Engineering, and relevant academic course – specialization or international diploma course will be preferred; • Minimum 10 years of proven professional experience in relevant discipline; • Experience in water, irrigation and/or agriculture sector. • Solid understanding and proven results in relevant technical field; • Familiarity with and a supportive attitude towards processes of strengthening local organizations and building local capacity and self-management; • Willingness to undertake regular field visits and interact with different stakeholders, especially primary stakeholders; • Technical report writing skill and a high level of computer literacy; • Fluency in written and spoken Sindh, Urdu and English is required for the post; • Working experience at national and sub-national level in national development issues is an asset; • Previous working experience with World Bank and development projects is an asset. 	<ul style="list-style-type: none"> • Have Relevant Responsibility for delivery of the above Project Objectives on schedule and on professional quality level, ensuring cooperation of the whole Consultant’s team and receiving necessary inputs from team members accordingly; • Undertaking field visits; • Coordinate preparation of relevant inception, international impact assessment/ success stories on adoption of HAI system; • Contribute Project Completion Report; • Contribution to the Project Website; • Communicate / work with stakeholders; • Contribution to preparation of annual and quarterly work plans; • Act as a facilitator or trainer in areas of his/her knowledge as required; • Other duties as required by the Directorate that may assist the Project implementation. • Analyse the data management/MIS of the relevant organization in accordance with overall objectives of the assignment & propose support role for HAI by Centre of Advance Studies of MUET. • The major information areas will be related to the different parameters of Irrigation water especially surface water/canal command/water measurement discharges and ground water related information, if any.
2.	Agriculture Specialist (One position) Max. age: 45 years	<ul style="list-style-type: none"> • Advanced degree in Agriculture Engineering and relevant academic course – specialization or international diploma course will be preferred; • Minimum 10 years of proven professional experience in relevant discipline; • Experience in water, irrigation and/or agriculture sector. • Solid understanding and proven results in relevant technical field; • Familiarity with and a supportive attitude towards processes of strengthening local organizations and building local capacity and self-management; 	<ul style="list-style-type: none"> • Have Secondary Responsibility for delivery of the above Project Objectives on schedule and on professional quality level; • Perform in the field of Agriculture, undertaking field visits; • Contribute to preparation of relevant inception, interim, drafts and final reports related to the assignment; • Contribute to Project Completion Report; • Contribution to the Project Website; • Communicate / work with stakeholders; • Contribution to preparation of annual and quarterly work plans;

		<ul style="list-style-type: none"> • Willingness to undertake regular field visits and interact with different stakeholders, especially primary stakeholders; • Technical report writing skill and a high level of computer literacy; • Fluency in written and spoken Sindh, Urdu and English is required for the post; • Working experience at national and sub-national level in national development issues is an asset; • Previous working experience with World Bank and development projects is an asset. 	<ul style="list-style-type: none"> • Act as a facilitator or trainer in areas of his/her knowledge as required;
3.	GIS Specialist (One position) Max. age: 45 years	<ul style="list-style-type: none"> • Advanced degree in Geography, Computer Science, Surveying, Engineering, Forestry or Earth Science and relevant academic course in GIS – specialization or international diploma course will be preferred; • Minimum 5 years of proven professional experience in relevant discipline; • Experience in water / irrigation sector. • Solid understanding and proven results in relevant technical field; • Familiarity with and a supportive attitude towards processes of strengthening local organizations and building local capacity and self-management; • Willingness to undertake regular field visits and interact with different stakeholders, especially primary stakeholders; • Technical report writing skill and a high level of computer literacy; • Fluency in written and spoken Sindh, Urdu and English is required for the post; • Working experience at national and sub-national level in national development issues is an asset; • Previous working experience with World Bank and development projects is an asset. 	<ul style="list-style-type: none"> • Undertaking field visits; • Contribute to preparation of relevant inception, interim, drafts and final reports related to the assignment; • Contribute to Project Completion Report; • Contribution to the Project Website; • Communicate / work with stakeholders; • Contribution to preparation of annual and quarterly work plans; • Act as a facilitator or trainer in areas of his/her knowledge as required; • Other duties as required by the Directorate that may assist the Project implementation. • Looking into the overall HAI scope he/she will carry out the gap analyses for establishment of basic HAI competencies, HR, Infrastructure within the proposed centre (HAI) and specifically related to relevant department. • He/she will conduct the capacity assessment including HR and infrastructure support mechanism relevant to GIS and application of GIS tools. • The present capacity of irrigation department, SIDA, SIDA's GIS Cell, ICT SAGP, and Irrigation department decision support system establish for flood management under SRP.
4.	IT Specialist (One position) Max. age: 45 years	<ul style="list-style-type: none"> • Advanced degree in Information Technology, Computer Science, Computer Engineering or Information Technology Management and relevant academic course – specialization or international diploma course will be preferred; • Minimum 5 years of proven professional experience in relevant discipline; • Solid understanding and proven results in relevant technical field; • Familiarity with and a supportive attitude towards processes of strengthening local organizations and building local capacity and self-management; • Willingness to undertake regular field visits and interact with different stakeholders, especially primary stakeholders; • Technical report writing skill and a high level of computer literacy; • Fluency in written and spoken Sindh, Urdu and English is required for the post; • Working experience at national and sub-national level in national development issues is an asset; • Previous working experience with World Bank and development projects is an asset. 	<ul style="list-style-type: none"> • Undertaking field visits; • Contribute to preparation of relevant inception, interim, drafts and final reports related to the assignment; • Contribute to Project Completion Report; • Contribution to the Project Website; • Communicate / work with stakeholders; • Contribution to preparation of annual and quarterly work plans; • Act as a facilitator or trainer in areas of his/her knowledge as required; • Other duties as required by the Directorate that may assist the Project implementation. • He/she analyse IT infrastructure of relevant departments related to information management related system, documentation and dissemination mechanism. • Looking into the overall HAI scope he/she will carry out the gap analyses for establishment of basic HAI competencies, HR, Infrastructure within the proposed centre (HAI) and specifically related to relevant department. • He/she will conduct the capacity assessment including HR and infrastructure support mechanism relevant to GIS and application of GIS tools.

			<ul style="list-style-type: none">• The present capacity of irrigation department, SIDA, SIDA's GIS Cell, ICT SAGP, and Irrigation department decision support system establish for flood management under SRP.
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Core Competencies:

- ✓ Leadership
- ✓ Results Focus
- ✓ Teamwork
- ✓ Communication
- ✓ Building Effective Relationships
- ✓ Knowledge Sharing and Continuous Improvement



**GOVERNMENT OF SINDH
PLANNING & DEVELOPMENT DEPARTMENT
DIRECTORATE SINDH WATER SECTOR AND BARRAGES IMPROVEMENT**

CORRIGENDUM

With reference to the Advertisement published by this Directorate Ref No. E01985-22-0002 on SPPRA/ PPMS website for Procurement of Individual Consultants for activity A4 namely *Developing foundation for Establishment of Hydro Agro informatics Center*; dated: October 07, 2022.

The closing date for submission of CV's is hereby extended up to November 28, 2022 1600 PST.

Issuance date: 11/11/2022

(Engr. Fareeha Mahar)

Deputy Director

Procurement & Contract Management
Directorate Sindh Water Sector and
Barrages Improvement