



**GOVERNMENT OF SINDH
PLANNING AND DEVELOPMENT DEPARTMENT
PROGRAM SUPPORT UNIT
SINDH CITIES IMPROVEMENT PROGRAM (SCIP)
L2975-PAK and L2976-PAK(SF): Sindh Cities Improvement Investment Program,
Tranche 2**

The Government of Sindh (GoS) has received two loans from the Asian Development Bank (ADB) for the Sindh Cities Improvement Program (SCIP). Part of these loans will be used for eligible payments under the consultancy services. SCIP is a 10 year, \$ 400 million program supported by a \$ 300 million ADB- Financed Multitranchise Financing Facility (MFF) to support improvement in basic urban infrastructure in Sindh's secondary towns through i) Establishment of Local Government – owned, professionally- managed Urban Services Corporation (USCs); ii) Urban Sector Reform and Capacity Development; iii) Priority investment in Water Supply, Wastewater and Solid Waste Management Infrastructure. SCIP has four parts: (i) Part A: Urban Planning, Institutional Development and Program, Implementation Support to support the Executing agency and Implementation Agencies in program execution and institutional Reform; (ii) Part B: Water Supply and Wastewater Management Improvement to improve service coverage, quality and reliability through civil works and equipment provision; (iii) Part C: Solid waste management improvements comprising the provision of civil works and equipment required for the construction and operation of sanitary landfill facilities, Solid waste collection equipment and communal waste bins; and (iv) Part D: Operational and Transition Support funding to cover cash shortfalls in the newly established USCs in advance of tariff increase and increased cost recovery.

INVITATION FOR EXPRESSIONS OF INTEREST (EOIs)

Package AI-1: Detailed Engineering Design & Construction Supervision for Tranche 3

For Tranche 3 of SCIP, a utility company, Central Sindh Urban Services Corporation (CSUSC) will be established by six participating Taluka Municipal Authorities (Khairpur, New Sukkur, Rohri, Ghotki and Jacobabad) and, to provide water supply, wastewater and solid waste management services in the urban areas of these TMA's. CSUSC will be a professionally managed, ring-fenced, utility that will be tasked with improving services through operations and infrastructure investment.

The Program Support Unit, P&DD, Government of Sindh, is now seeking to identify a consulting firm or consortium of two or more consulting firms, who will be engaged to support Program Support Unit, P&DD, and GoS / CSUSC, the implementing agency, to fulfil its responsibilities under Parts B & C.

Background. Support for preparation of new tranches will be provided to PSU through two packages. Under Package A-1-I, the consultant is expected to design and supervise urban sector subproject in 6 central Sindh cities included in tranche 3. These subprojects are part of the masterplans developed for these cities and the identified based on a pre-feasibility analysis. The scope of the design work would include detailed design, costing, construction drawing and bidding documents and procurements of subprojects worth about \$100 million in water, wastewater and solid waste management. The design phase will also include preparation of environmental impact assessment and land acquisition and resettlement plans where required in line with ADB and GOS', environmental protection and land acquisition and resettlement legislations and policies. Supervision would include detailed resident supervision of subprojects worth \$100 million related to water, wastewater, and solid waste during construction. The scope of activities would include site inspection, joint surveys, testing and quality control, operational testing of completed facilities, and processing of variations, interim and final payments certificates. The services will be hired through a hybrid input and output contract using quality- and cost-based selection (QCBS) method, using a weightage ratio of 90:10 (90% for technical score and 10% for financial score), and in accordance with Guidelines on the Use of Consultants by ADB and Its Borrowers (April 2010 and as amended from time to time). It is estimated that 20 person-months of international and 606-person months of national consultants will be required costing \$3.41 million. The criterion for selection shortlisting of suitable firms is as follows: (a) Management competence 20% (b) Technical competence 60 % (c) Geographical competence 20 %. Interested firms are requested to submit an Expression of Interest (EOI) on standardized ADB form, including profile history of the firm on or before **Feb 20, 2013 (12:00 noon)** or within 30 days of publication of this EOI at the address stated below.

Scope of Services. The terms of references (TORs) are given below:

a. Water Supply Systems

Review and validate the potential new subproject or rehabilitation works (e.g. water intake works, water treatment plants, transmission mains/ trunk mains, high service reservoirs, water distribution networks, etc.) proposed by PSU-Sindh Cities Improvement Investment Program (SCIIP) to be funded through Tranche 3.

Review the feasibility studies and masterplans being prepared for the water supply projects by PSU-SCIIP, suggest any changes if required. Develop proposals for zoning the water supply and moving to 24/7 supply in identified and selected Distribution Network Improvement (DNI) zones.

Prepare procurement plan for the identified subprojects.

Prepare detailed engineering design, drawing, and tender documents including engineering estimates of the finalized projects to be funded through Tranche 3 funding for the time horizon of 25 years.

Ensure designs meet the standard or approved design criteria and meet the future needs over planned time horizon.

Devise recommendations on water supply masterplan report setting out short and long term objectives to achieve sustainable operation.

Prepare environmental assessment reports (IEE/EIA where required) to qualify the requirement of Sindh Environmental Protection Agency

and ADB.

Assist PSU-SCIIP/Central Sindh Urban Services Corporation (CSUSC) in shortlisting and hiring/procurement of contracting firm for the execution of subprojects.

Prepare subprojects-wise environmental mitigation plan (where required).

As the engineers' representative, undertake resident construction supervision of all subprojects awarded to contractors.

Any other related work, all the work shall be carried out in close coordination with PSU- SCIIP, Central Sindh Urban Services Corporation, local concerned municipality, and other stakeholders.

b. Wastewater Management

Review and validate the feasibility studies and masterplans prepared by PSU-SCIIP for the potential new or rehabilitation works subproject (e.g. gravity sewers like laterals, branch main or sub mains, trunk sewer, interceptor, pumping stations and rising main, waste stabilization pond and related infrastructure, etc.) to be funded through Tranche 3.

Prepare procurement plan for the identified subprojects.

Prepare detailed engineering design, drawing, and tender documents including engineering estimates of the finalized projects to be funded through Tranche 3 funding.

Devise recommendations on wastewater masterplan report setting out short and long term objectives to achieve sustainable operation.

Ensure designs meet the standard or approved design criteria and meet the future needs over planned time horizon.

Prepare environmental assessment reports (IEE/EIA where required) to qualify the requirement of Sindh Environmental Protection Agency and ADB.

Assist PSU-SCIIP/CSUSC in short listing and hiring/procurement of contracting firm for the execution of subprojects.

Prepare subprojects environmental mitigation plan where required.

As the engineers' representative, undertake resident construction supervision of all subprojects awarded to contractors.

Any other related work, all the work shall be carried out in close coordination with PSU-SCIIP, CSUSC, local concerned municipality, and other stakeholders.

c. Solid Waste Management

Review and validate the masterplans/feasibility studies/subprojects identified by PSU-SCIIP in terms of solid waste storage, collection, transportation, treatment and disposal.

Carry out detailed environmental impact assessment (EIA) of proposed landfill site(s) or similar site(s) for the disposal of waste generated from the taluka municipal administrations (TMAs)/municipalities of CSUSC.

Prepare detailed engineering design, drawings and engineers' estimates including all civil, mechanical and electrical work of landfill sites/other treatment options if any, and garbage transfer station or any other treatment option proposed.

Prepare tendering and bidding documents for landfill sites and other similar components for waste storage, transportation and treatment options.

Prepare procurement documents/tendering and bidding documents for procurement of garbage lifting vehicles and priority equipment's (including water and wastewater equipment).

Assist the implementing agencies in procurement/tendering of subproject/packages, including developing notice inviting tenders and bid evaluations.

As the engineers' representative, undertake resident construction supervision of subprojects of all civil, mechanical, electrical works related to integrated SWM projects awarded to contractors.

Any other related work, all the work shall be carried out in close coordination with PSU-SCIIP, CSUSC, local concerned TMA/municipality, and other stakeholders.

Expression of Interest (EOI) form can be obtained from :

<http://www.adb.org/site/business-opportunities/consulting-services/tools-templates/loans>.

(Form label "Expression of Interest for Other Selection Method")

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