

Sindh Resilience Project (SRP)

Terms of Reference for Third Party Validation

Background:

The Sindh Irrigation Department (SID), Government of Sindh intends to undertake a number of activities for institutional strengthening of the department under the 'Sindh Resilience Project' funded by The World Bank. Sindh Resilience Project (SRP) will focus on improving institutional capacities, performance, and preparedness at key agencies responsible for managing disaster risk in Sindh.

Furthermore, project will also contribute towards enhancing resilience to hydro- meteorological disasters including floods and drought through physical infrastructure investments.

The overall objective of project is to improve Infrastructure and building an effective system for Resilience. Under the irrigation component following task are included:

- a. Improvement of flood protection structures that include restoration, strengthening, and up-gradation of flood embankments.
- b. Construction of small recharge dams.
- c. Technical Studies, Establishment of Decision Support System, Up-gradation of Soil Mechanics and Hydraulics Laboratory, Capacity assessment and Capacity Development and trainings of staff etc.

The envisaged studies under the technical assistance component are to develop a comprehensive geospatial and hydrological baseline to enhance the institutional capacity and technical skills of the SID professionals for effective water resources management at basins and sub-basins level. The component entails development of coping monitoring mechanism for the Indus River and the drought prone areas in the Sindh province. It is also envisioned that through soft component, a framework for flood and drought risk management (FDRM) could be developed in a better perspective. In addition, multiple studies will incorporate development of basin(s) and sub-basins level integrated management model with specific reference to Indus river basins studies and associated infrastructure (barrages and irrigation networks).

In-line with the requirements of the study and to ensure transparency and credibility and achievement of the project objective, a firm needs to be engaged immediately to start establishing the baselines for various indicators with respect to the project, which would not only support in measuring progress during the project life rather ensure the evaluation of project outcomes after its completion. The specific objective of this assignment will be to carry out effective result based monitoring and evaluation of the project and indicate planning and design adjustments and policy refinements based on the evaluated results.

Objective

The objectives of the consultancy are:

- To undertake overall Project Monitoring and Validation.
- Setting up the Key Performance Indicators (KPIs) for the Project Execution;
- Implement lessons learnt and to determine project implementation progress, and achieving its results; and

- Ensure that corrective action can be taken on a timely basis.

Scope of Work:

The consultant firm shall be responsible for undertaking following tasks:

- Overall project Monitoring/Validation vis-a-vis project Results Framework (RF);
- Firm will review procurement and financial management procedures and ensure that all the activities are within the dimensions, and do not conflict with any guidelines provided by The World Bank;
- Firm will make recommendations to ensure that milestones are achieved in the stipulated time framework;
- Firm will review progress and quality of infrastructure investments financed under the project; (List of proposed infrastructures attached as Annexure-A)
- Firm will ensure that goods procured are according to the specifications, properly tagged, and record maintained in the inventory system;
- Firm will ensure that Fixed Asset Management SOPs are followed;
- Firm will also ensure that hired firms are working in the framework and scope of work, and within the anticipated stipulated framework;
- Firm will be required to monitor/validate that training standards are up to mark and can be easily adopted and replicable;
- Firm will ensure quality of trainings with particular emphasis on standard of training, stock of knowledge and extent to which training is being utilized;
- Firm will also ensure that proper Management Information System (MIS) has been established, with all necessary security checks and updating of information;
- Firm will also ensure that Networking Standard have been adopted in installing systems;
- Firm will also ensure that compliance with Grievance Redress Mechanism (GRM) is maintained in case of any complaints complainant;
- Firm will assess compliance with SOPs and procedures laid out in project operations manual of SRP;
- Firm will monitor compliance with environmental and social safeguards requirements by contractors, PISSC and PMT;
- Firm will regularly interact with, and capture feedback from, beneficiary communities of infrastructure investments (flood embankments and small dams);
- Firm will provide its recommendation /suggestions related to the SRP, if they identify any room for improvement.

Deliverables:

1. Inception report will contain detailed work plans and assessment tool(s) to be submitted after one (1) month of signing of the contract.;
2. First Six-month report acceptable to the client;
3. Second Six-month report acceptable to the client;
4. Third Six-month report acceptable to the client;
5. Fourth Six-month report acceptable to the client;
6. Fifth Six-month report acceptable to the client;
7. Sixth Six-month report acceptable to the client;
8. Seventh Six-month report acceptable to the client;
9. Final report, after incorporating suggestions acceptable to the client submitted after the completion of the contract.

Expected Time Frame:

The assignment will be completed in four (4) Years after signing the contract between the Client and a Consulting Firm.

Coordination:

The consulting firm will report to the Project Director, Sindh Resilience Project or any other staff designated. All work must be approved by the Project Director or the designated staff.

Qualifications:

The interested firm must:

- Be a tax registered consultancy firm incorporated for at least five (5) years;
- The firm having experience of working with Sindh Government would be desirable;
- The firm and its staff must have experience of offering similar services and have completed similar projects of this scale and complexity;
- Consulting firm should propose a comprehensive approach, methodology, and work plan for the timely and effective completion of assignment.

Indicative Payment Structure:

The 'Consultant' will be paid the lump-sum amount for undertaking the assignment according to the submission and client's approval of deliverables. All other costs would be considered included in the lump-sum costs.

S. No.	Benchmark	Payment
1.	Mobilization Advance upon signing of contract	5%
2.	Approval of Inception report	15%
3.	Approval of First Six month report	10%
4.	Approval of second Six month report	10%
5	Approval of third Six month report	10%
6	Approval of Fourth Six month report	10%
7	Approval of Fifth Six month report	10%
8	Approval of Sixth Six month report	10%
9	Approval of Seventh Six month report	10%
10	Submission of Final Report with comments	10%

Selection Process

Procurement will be completed following the Selection Based on Consultants Qualification (CQS) method in accordance with paragraph 3.7 of World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers, January 2011 (revised July 2014).

**DROUGHT RISK MITIGATION WORKS (SMALL DAMS) UNDER
WORLD BANK FUNDED SINDH RESILIENCE PROJECT (SRP)**

Sr.No:	Name of Work
SMALL DAMS DIVISION KOHISTAN-I DADU	
1	CONSTRUCTION OF NAING-II RECHARGE/SMALL DAM IN CENTRAL KOHISTAN.
2	CONSTRUCTION OF GABOL RECHARGE/SMALL DAM IN CENTRAL KOHISTAN.
3	CONSTRUCTION OF NALI RECHARGE/SMALL DAM IN CENTRAL KOHISTAN.
4	CONSTRUCTION OF QASIM TOK RECHARGE/SMALL DAM IN CENTRAL KOHISTAN.
5	CONSTRUCTION OF DHAL DHORO-II RECHARGE/SMALL DAM IN CENTRAL KOHISTAN.
SMALL DAMS DIVISION KOHISTAN-II JAMSHORO	
6	CONSTRUCTION OF UPPER MOLE-II RECHARGE/SMALL DAM IN LOWER KOHISTAN.
7	CONSTRUCTION OF ARIPIR RECHARGE/SMALL DAM IN LOWER KOHISTAN.
8	CONSTRUCTION OF SURESHI RECHARGE/SMALL DAM IN LOWER KOHISTAN.
9	CONSTRUCTION OF TIKHO-II RECHARGE/SMALL DAM IN LOWER KOHISTAN.
10	CONSTRUCTION OF JUNG SHAHI RECHARGE/SMALL DAM IN LOWER KOHISTAN
11	CONSTRUCTION OF KONKAR RECHARGE/SMALL DAM IN LOWER KOHISTAN
12	CONSTRUCTION OF KARMATIANI RECHARGE/SMALL DAM IN LOWER KOHISTAN
SMALL DAMS DIVISION NAGARPARKAR AT MITHI	
13	CONSTRUCTION OF BHANSAR/ RATHI SMALL/RECHARGE DAM IN NAGARPARKAR AREA (THAR REGION)
14	CONSTRUCTION OF SABUSAN SMALL/RECHARGE DAM IN NAGARPARKAR AREA (THAR REGION)
15	CONSTRUCTION OF SANKAR SMALL/RECHARGE DAM IN NAGARPARKAR AREA (THAR REGION)

**FLOOD RISK MITIGATION WORKS ALONG EMBANKMENTS
UNDER WORLD BANK FUNDED SINDH RESILIENCE PROJECT (SRP)**

Sr.No:	Name of Work
1	RECOUPMENT OF STONE APRON ALONG S.H BUND MILE 1/6 TO 2/1 WIDENING ALONG S.H BUND FROM MILE 0/4 TO 3/2 IN KALRI BAGHAR DIVISION THATTA
2	PROVIDING STONE PITCHING ALONG B.U BUND BETWEEN MILE 13/3 TO 35/3 AND INDO BUND BETWEEN MILE 0/0 TO 15/6 IN SAKRO DIVISION MIRPURSAKRO
3	STONE PITCHING ALONG M.S BUND FROM MILE 29/2 TO 29/5, 36/0 TO 40/0, 45/0 TO 58/2 AND RAISING AND STRENGTHENING OF ALONG M.S BUND MILE 55/4 TO 58/2 IN LOWER PINYARI DIVISION SUJAWAL
4	PROVIDING STONE PITCHING ALONG P.B BUND MILE 0/0 TO 8/5 & 11/4 TO 15/0 IN KALRI BAGHAR DIVISION THATTA
5	EARTH WORK & REPAIR DEMAGED STONE PITCHING ALONG UP STREAM LEFT SIDE GUIDE BUND FROM RD 0+000 TO R.D 5+700 IN KOTRI BARRAGE DIVISION, JAMSHORO
6	RECOUPING STONE APRON AND REPAIRS STONE PITCHING ALONG H.P. BUND MILE 1/5, MILE 7/7 TO 8/1, 13/2 TO 13/5 AND 14/1 TO 14/7 IN UPPER PINYARI DIVISION HYDERABAD
7	PROVIDING STONE PITCHING ALONG M.S BUND FROM MILE 0/0 TO 14/0 AND 22/0 TO 24/7 IN UPPER PINYARI DIVISION HYDERABAD
8	PROVIIDNG STONE PITCHING ALONG KUKA LINK BUND 0/0 TO 20/6, RAISING AND STRENGTHENING ALONG KUKA WARI BUND MILE 3/6 TO 7/4 AND KUKA WARI RETARDED BUND MLE 0/0 TO 3/0 IN LOWER PINYARI DIVISION SUJAWAL
9	PROVIDING STONE PITCHING ALONG B.U BUND FROM MILE 3/0 TO 5/0 IN KALRI BAGHAR DIVISION THATTA.(BAGHAR CIRCLE HYDERABAD)
10	RECOUPMENT OF DAMAGED STONE PITCHING & EARTH WORK ALONG S.M BUND FROM MILE 123/0 TO 172/0 (DIFFERENT REACHES) IN HALA IRRIGATION DIVISION HALA