



**PROJECT DIRECTORATE**  
**PROJECT IMPLEMENTATION UNIT - SIAPEP**

Sindh Seed Corporation Building, Ground Floor, Main Hussainabad Road,  
Hussainabad Hyderabad

Tel: 022-9260251 - 9260252



**EOI NOTICE**

**THE REQUEST FOR EXPRESSION OF INTEREST (EOI) FOR THE SELECTION OF INDIVIDUAL CONSULTANT FOR ASSESSMENT OF DIGITAL PROFILING OF PROJECT BENEFICIARIES ON SOCIO-ECONOMIC INDICATOR TO BE CARRIED OUT UNDER ESM PLAN.**

The Government of Sindh is implementing Sindh Irrigated Agriculture Productivity Enhancement Project (SIAPEP) with financial assistance of the World Bank under IDA Credit No. Cr.5604 Pak aims to improve water and agriculture productivity for small and medium size farmers in Sindh.

The assessment will be carried out with direct project beneficiaries and relevant stakeholders and the results from this study will highlight the district wise status of women beneficiaries in each project district against different socio-economic indicators as detailed in the ToRs. This study will find out the essential missing links, and the critical areas for improvement towards women empowerment and it will also solicit the direct feedback of women beneficiaries on the socio-economic indicators through assessment/survey.

**Guidelines for submission of Expression of Interest (EOI):**

- The Individual Consultant is requested to prepare an Expression of Interest and provide evidence to support claims of knowledge, skills and experience:
- A short proposal (not more than 05 pages) on how to fulfil the requirements of the TOR, and also the financial proposal for the tasks mentioned in the TORs.
- Remuneration details of each proposed staff member and the detailed breakdown of reimbursable along with the applicable taxes.
- Resumes/CV with references,
- A sample of a similar assignment report is to be submitted.

The individual consultant will be selected in accordance with Section-V for Selection of Individual Consultants procedure set out in the World Bank's Guidelines: Selection and Employment of Consultant by World Bank Borrowers (January 2011). Individual Consultant will be chosen on the basis of relevant experience, qualification and the capability to carry out the assignment.

Please make it convenient to submit your Expression of Interest (Eoi) along with combine technical & financial proposal to Project Director, Project Implementation Unit, SIAPEP Sindh Hyderabad on the address given below latest by **Thursday, January 12, 2023 on or before 12:30 pm** for further processing.

**PROJECT DIRECTOR**  
**PIU-SIAPEP**

Sindh Seed Corporation Building, Ground Floor,  
Hussainabad Hyderabad Sindh, Pakistan  
Phone# 00 92 022-9260251-52







# TERMS OF REFERENCE (TOR) FOR DIGITAL PROFILING OF PROJECT BENEFICIARIES ON SOCIO-ECONOMIC INDICATORS

PK- SIAPEP-DIGITAL-PROFILING-2022/49

**JANUARY 2023**

**PROJECT DIRECTORATE (PIU)**

Sindh Irrigated Agriculture Productivity Enhancement Project, Government of  
Sindh, Sindh Seed Corporation Building, Ground Floor, Main Hussainabad  
Road, Hussainabad Hyderabad



## 1. INTRODUCTION:

Government of Sindh with the financial support of World Bank is implementing SIAPEP project from 2015 to 2021. The SIAPEP project will continue till September, 2023 with an objective ***“to improve irrigation water management at tertiary and field levels in Sindh”***.

The project has implemented several strategies having a direct focus on women farmers and female households. Overall objectives and purpose of these strategic interventions are to mobilize rural women in taking lead roles not only for water management but also for contributing to add value to their household economies. In this regard, specific targets have been set to reach out to women farmers under each component of the project.

## 2. EXPECTED RESULTS OF SIAPEP PROJECT

Government of Sindh with the financial support of World Bank is implementing SIAPEP project from 2015 to 2021. The SIAPEP project will continue till September, 2023 with an objective to improve irrigation water management at tertiary and field levels in Sindh. The Project performance indicators are following bellow:

- (i) Water courses with an increase in water course conveyance efficiency of at least 15 percent (6000).
- (ii) Direct project beneficiaries (2,000,000), of which female (25%).
- (iii) Water users provided with new/improved irrigation and drainage services (210,000), of which female (25%).
- (iv) Increase in cropping intensity in water course areas (20%); and
- (v) Increase in cropping intensity through high-efficiency irrigation systems (50%).

## 3. RATIONAL

Gender Action Plan for the project has been developed in the light of recommendations of Gender Targeting Review (GTR) Study.

GTR study suggested that the project should generate digital profiles of each female beneficiary on socio-economic indicators, which may be used to identify the specific needs of women farmers beyond SIAPEP project. Subsequently the activity of “Assessment of digital profiling of women beneficiaries on socio-economic indicators” was included in Gender Action Plan and budgeted in Environmental & Social Management Plan. The socio-economic data of women beneficiaries help in registration of women beneficiaries with the Labor Department GoS under Home Based Worker Act 2018 or The Women Agriculture Worker Act 2019.

The study results will contribute to the final project evaluation and also be helpful for the project to know the socio-economic status women. Moreover, it will be helpful for Government of Sindh and other stakeholders to design interventions for upcoming projects and policy making decisions considering women specific needs.





#### 4. BACKGROUND

The SIAPEP activities include improvement/lining of watercourses, introduction of high efficiency irrigation system (HEIS), provision of kitchen garden kits, distribution of laser land levelling equipment and deep rippers, , and establishment of Farmers' Field Schools (FFS). The project has completed its initial 6 years and most the targets have been achieved. Now it is on one-year extension with plan of activities by December 2022.

Although number of project women beneficiaries have been recorded for each component, yet their socio-economic data has not been collected. To accomplish this information, a sample *assessment/survey* has been designed. Assessment/survey of the women beneficiaries of all the components visits will be conducted on sample basis for collection of socio-economic data.

#### 5. OBJECTIVE OF ASSESSMENT/SURVEY

The overall objective of this assignment to assess the socio-economic status of women, project reach out towards women headed households and land entitlement on women name in record and out of record.

- Assess socio economic situation of women beneficiaries in each district of the project.
- Assess the household expenditure and income and living conditions.
- Assess the female-headed households benefited from project interventions.
- Assess the land entitlement of women farmers.

#### 6. SCOPE OF WORK

The assignment is focused on SIAPEP completed activities like Watercourses, HEIS, KG and FFS in the targeted 24 districts to digitize profiles of female beneficiary on socio-economic indicators (Family size, source of income, landholding, agriculture, any special person with a disability, education, health, assets ownership, the role of women in decision making, etc.) on sample basis. The individual consultant will primarily target SIAPEP targeted districts (all districts of Sindh province) with a special focus on women profiling under project. The assessment will be carried out with direct project beneficiaries and relevant stakeholders and the results from this study will highlight the district wise status of women beneficiaries in each project district against different socio-economic indicators as indicated in the scope of work above. As a result, the study will find out the essential missing links, and the critical areas for improvement towards women empowerment. The study will solicit the direct feedback of women beneficiaries on the socio-economic indicators through assessment/survey. In order to carry out the tasks of the study, following steps will be under taken.

Socio-economic data will be collected from sample women beneficiaries in each project district through a pre-designed android-based questionnaire that will be finalized in consultation with SIAPEP and Bank team. Besides, primary data collection from the field, the individual consultant





will gather and review the secondary data related to the project interventions. The data collected from the field will be analyzed and triangulated.

### 6.1 SAMPLING STRATEGY AND FRAMEWORK

An appropriate sampling approach will be applied for socio-economic data collection considering the target community in consultation with the SIAPEP team. By end of November 2022, the project is reporting 63,706 women beneficiaries in different project interventions as given below;

Project Interventions	Number of Women Beneficiaries
Women Farmers benefitting from improved WCs	45,034
Women Farmers provided with HEIS	70
Women provided with HEIS in kitchen gardens	9,730
Women Farmers trained on improved agronomic practices and technologies	8,872
<b>Total Women Beneficiaries</b>	<b>63,706</b>

The exact sample size of the women beneficiaries will be agreed by the individual consultant using an appropriate statistical and scientific method based on the target population in each district for primary data collection on desired socio-economic indicators.

The sampling unit for this survey is a 'Women Beneficiary' i.e., direct beneficiary of the project interventions. The respondent of the survey will be the direct beneficiary herself. Since, the purpose is to get profiles of the women beneficiaries so it is a must to interview the beneficiary herself and no other family member of the household. The beneficiary survey aims to provide a representative indication of the women's participation in project interventions from each project district and identify their specific needs beyond project scope.

Depending upon the total number of women beneficiaries in each district, a statistical representative sampling method will be adopted to decide the sample size considering 95% level of confidence and 3% margin of error. It will help get representative sample of women beneficiaries from each project district. The exact district wise sample size will be calculated by the individual consultant in their proposal however, it is expected that by following the above sampling approach the sample size will be established between around 1050. The targeted women beneficiaries to be interviewed will be identified and selected while considering the proportionate of project interventions in each district.

The proposed sample size complies with most research standards of using a 95% confidence level, with an accuracy of  $\pm 3\%$ , which is the acceptable level of margin of error and is in line with normally recommended standards for most research studies and is considered statistically valid sample size.

The targeted women beneficiaries to be interviewed will be identified and selected while considering the proportionate of women beneficiaries of each project interventions in each district.





## 6.2 DATA COLLECTION TOOL

The data will be collected using a paper-based questionnaire or android-based pre-designed data collection tool using smart mobile phones. The teams will be given adequate training before sending them into field.

## 6.3 DESCRIPTIVE INDICATORS

Below mentioned are the basic indicators, which will be consider for this assessment/survey and some of nutritional indicator must be part of the questionnaires, which will be finalized by individual consultant in consultation with SIAPEP team.

Name of Respondent / Beneficiary?

H/F Name?

CNIC?

Village?

UC?

Taluka

District?

Religion?

### Professional Category

1. Landless Harries
2. Female Headed HH
3. Land Owner
4. Tenant
5. Share cropper
6. Labor
7. Private Job
8. Other

### Beneficiaries Identification

1. Watercourse Lining/Improvement
2. High Efficiency Irrigation System (HEIS)
3. Kitchen Gardening (KG)
4. Farmers' field Schools (FFS)

### Socio-Economic Profile

1. Family Members
2. Any person with disability in the family? If yes, type of disability?
3. Education / Literacy Status of the beneficiary?
4. Occupation of project beneficiary?
5. Occupation of Husband?
6. Total approximately Monthly Income?
7. Monthly total approximately Expenditure?
8. What household activities are performed by you?
9. Road Access from the village?





10. Is there any school facility in village?
11. How many children enrolled in school?
12. Condition of dwelling?
13. Are you a Land Owner?
14. If yes, how many acres you own?
15. Is this land from which side?
16. Who cultivates you land?
17. Do you consulted while making farming decisions?
18. Do you participate in farming activities? If yes, then specify
19. Do you receive your due share from agriculture farming?
20. If yes, where do you spend money?

#### **Watercourse Association (WCA)**

1. Do you know about Watercourse Association (WCA)?
2. If 'YES', are you a member of WCA?
3. do you participate in WCA meetings?
4. If not a member, were you approached by team during formation of WCA?
5. Do you consulted in making household decisions?
6. What household activities do you perform?

#### **High Efficiency Irrigation System**

1. Do you know about HEIS?
2. Do you consult for installation of HEIS?
3. What do you feel before and after installation of HEIS?
4. Do you know any change in crop production after installation of HEIS?

#### **Farmer Field Schools**

1. Do you participate in FFS Session regularly?
2. What do you learn from FFS?
3. Do you participate in farming activities? If yes, then specify
4. Have you replicate your knowledge/skilled learnt from FFS?
5. How many wages do you get from field activities?
6. Are you happy for this wage?

#### **Kitchen Garden**

1. How do you feel being owner of KG material?
2. Who cared for KG?
3. Do you grow vegetables seasonally?
4. Do you sell the products in the market?
5. If yes, how much do you earn?
6. Who manages the earning of KG?
7. Where you spent money earn from KG?
8. Will you continue KG after project?





## **7. DELIVERABLES/SPACIFIC OUTPUTS EXPECTED FROM CONSULTANT/S**

### **7.1 Inception Report:**

The Individual Consultant will prepare and submit a detailed inception report including research strategy and framework which will be formally reviewed and approved by the project team prior to start of the actual field work.

**The inception report will cover;**

- Detailed Methodology on carrying out the assignment while looking in to the geographic and demographic situation of the Project districts and the study will be conducted region wise (Upper & Lower).
- Detailed research strategy and framework with indicators and sub- indicators.
- Tools for data collection.
- Further suggestions if any to streamline the study.

### **7.2 Draft report**

The Individual Consultant will produce/submit a draft report in soft form (of no more than 30 pages plus annexes, in Microsoft Word). The report should include:

- Basic Information (max. 1 page)
- Executive Summary (2-3 page) Introduction/Background of the project (max. 1 page)
- Assessment methodology
- Findings from the assessment
- Summary of recommendations/lessons
- Annexes of assessment ToRs, field plan, list of persons interviewed, sites visited, data collection tools and raw data.

### **7.3 Final report**

The individual consultant will produce/submit a final report in hard and soft form (of no more than 30 pages plus annexes). On the basis of feedback/recommendation provided by project team/consultants.

### **7.4 Power point presentation including graphics**

- Background
- Purpose of the study
- Methodology
- Data analysis
- Conclusion & Suggestions
- Any other





## 8. TIMELINE FOR THE ASSIGNMENT

Sr. #	Task	Calendar Days
I	Desk review and preparation & submission of inception report and data collection tools	14
II	Training of Staff on data collection tools	5
III	Fieldwork (assessment, community consultation, meeting with concerned stakeholders)	55
IV	Submission of draft report to SIAPEP	20
V	Submission of final report to SIAPEP (after incorporation of PIU SIAPEP comments on draft report).	10
VI	Submission of the Final report with a summary, finding and recommendations (Hard/Soft Copies)	10
VII	Power point presentation including graphics	06
Total days		120

## 9. MINIMUM ORGANIZATIONAL/CONSULTANTS REQUIREMENTS

### 11.1 Education:

The Individual Consultant should have a postgraduate university degree in Sociology or Natural Sciences or other relevant discipline.

### 11.2 Technical and Functional Experience:

The Individual Consultant should have: A minimum of 05 years practical experience in the field of data gathering and analysis as per required data.

### 11.3 Languages:

Fluency in written and spoken English is required and local language will be an advantage but not essential.

### Duration and Timing

The selected consultant shall be engaged for the period of four (04) months. The study shall be completed within months after award of the contract.

### Selection Process

The individual consultant will be selected in accordance with Section V of World Bank Guidelines for Selection & Employment of Consultant under IBRD Loans & IDA Credits & Grants. (January 2011).

