

**SHORTLISTING DOCUMENT**

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**“IMPACT ASSESMENT OF INTERVENTIONS UNDER THE “STRENGTHENING  
MARKETS FOR AGRICULTURE AND RURAL TRANSFORMATION (SMART)  
PROGRAM”**

**UNDER**

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**PROGRAM IMPLEMENTATION UNIT,  
PLANNING & DEVELOPMENT BOARD, 11-A, UPPER MALL, MIAN MEER ROAD,  
LAHORE**

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**GOVERNMENT OF PUNJAB  
PLANNING & DEVELOPMENT BOARD  
PROGRAM IMPLEMENTATION &  
SUPPORT UNIT**

**REQUEST FOR EXPRESSION OF INTEREST**

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Program Implementation Unit, Planning & Development (P&D) Board, Government of Punjab is looking after the monitoring & coordination of key foreign funded programs and invites expression of interest from the eligible firms for the assignment of **“Impact Assessment / evaluation of Interventions under the Strengthening Markets for Agriculture & Rural Transformation (SMART) Program”**.

2. Interested firms are required to provide information demonstrating that they have the required qualification and relevant experience to perform the services mentioned above. The firms may associate with other firms in the form of joint venture to enhance their qualifications. The firm for above referred assignment will be selected in accordance with the Quality and Cost Based Selection (QCBS) method as defined under Punjab Procurement Regulatory Authority (PPRA) rules, 2014.

3. The advertisement and detailed shortlisting document may be browsed online from websites i.e; <https://ppra.punjab.gov.pk> and [www.piu.punjab.gov.pk](http://www.piu.punjab.gov.pk) and can be obtained from the address below during office hours. EOI proposals must be received by 05:00 PM in our office on or before 10.08.2023.

**Program Director,  
Program Implementation & Support Unit,  
Planning & Development Board,  
11-A, Upper Mall Scheme,  
Mian Meer Road, Lahore.  
Ph. No. 042-99332566-69  
Fax. 042-35750283  
EMAIL: pd@piu.punjab.gov.pk**

## **DISCLAIMER**

1. The information contained in this Shortlisting document or subsequently provided to Applicant(s), whether verbally or in written form by or on behalf of the Program Implementation & Support Unit, P&D Board (the Client) or any of their employees or advisors, shall be subject to the terms and conditions set out in this shortlisting document and any other terms and conditions subject to which such information is provided.
2. Each Applicant should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this shortlisting document and obtain independent advice from appropriate sources. The Client, its representatives, their employees and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the shortlisting document.
3. The Client may, in their absolute discretion, but without being under any obligation to do so, update, amend, add to any or all of the provisions or supplement the information of this document or cancel the present Expression of Interest (EOI) and call for fresh Invitations under PPRA, 2014. Such changes would be intimated to all Applicants through its website.
4. The Client reserves the right to reject the EOIs submitted in response to this shortlisting documents at any stage under PPRA 2014. The Client also reserves the right to hold or withdraw or cancel the process at any stage up to the final shortlisting under PPRA, 2014. The Client may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this documents.
5. The issue of this shortlisting document does not imply that the Client is bound to select and shortlist applications for bid stage or to appoint the selected Applicant, as the case may be, for the project and the client reserves the right to reject the applications with assigning reasons whatsoever under PPRA, 2014.
6. The applicant shall bear all its costs associated with or relating to the preparation and submission of its application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Client or any other costs incurred in connection with or relating to its application.
7. All such costs and expenses will remain with the applicant and the client shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the application, regardless of the conduct or outcome of the process.
8. Neither the client nor their employees or representative will have any liability in case of non-receipt of any correspondence from them to the applicants due to the postal delays.
9. Mere submission of application / EOI or issuance of RFP does not vest any right in the applicant for being selected for consulting service.

## **SECTION I: INSTRUCTION TO APPLICANTS**

### **A. Scope of Application**

1. The client invites Expression of Interests (EOIs) proposals to shortlist experienced and capable applicants/firms for issuance of Request for Proposals (RFPs) stage through Quality & Cost Based Selection (QCBS) under PPRA, 2014.
2. Shortlisted applicants would be subsequently invited to submit the technical and financial proposals in respect of the **“Impact Assessment of Interventions under Strengthening Markets for Agriculture & Rural Transformation (SMART) Program”**.

### **B. Eligible Applicants**

1. A single firm/entity/company or a group of firms/entity/companies (Joint Venture), coming together to prepare the **“Impact Assessment of Intervention under SMART Program”**. The term applicant used hereinafter would therefore apply to a single firm/entity and/or association. The Joint venture should be meaningful partnership and should have at least one relevant assignment from each firm.
2. The Applicant should submit a Power of Attorney as per the format enclosed at **Annexure-A1**, authorizing the signatory of the EOI for submission.
3. Notwithstanding anything stated elsewhere in this document, the client shall have the right to seek updated information and supplementary information from the applicant to ensure their continued eligibility. Applicant(s) shall provide evidence of their continued eligibility in a manner that is satisfactory to the client. Applicant may be disqualified if it is determined by the client, at any stage of the process, that the applicant will be unable to fulfil the requirements of the consulting services or fails to continue to satisfy the eligibility criteria.
4. A firm which has been barred or blacklist either by any department/agencies/donors/Ministries of the Government of Pakistan / Punjab or Government departments/agencies of their respective country, in case of Applicant(s) would not be eligible to submit an EOI Application, either individually or as member of a consortium. Applicant to submit an affidavit to this effect.

### **C. Number of EOIs**

Each applicant shall submit only one (1) EOI Application, with two (2) copies, in response to this shortlisting document. Any applicant, which submits or participates in more than one EOI application will be disqualified and will also cause the disqualification of the JV of which it is a member as the case may be.

### **D. EOI Preparation Cost**

The applicant shall be responsible for all of the costs associated with the preparation of its EOI and its participation in the shortlisting process. The client will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the shortlisting process.

### **E. Examination of Shortlisting Document**

1. It would be deemed that by submitting the EOI, Applicant has:

- a. Made a complete and careful examination of the shortlisting document; and
  - b. Received all relevant information requested from the client.
2. The client shall not be liable for any mistake or error on the part of the applicant in respect of the above.

#### **F. Right to Accept or Reject all Applications**

1. Notwithstanding anything contained in this shortlisting document, the client reserves the right to accept or reject EOI and to annul the shortlisting process and reject all EOIs / proposals, at any time without any liability or any obligation for such acceptance, rejection or annulment under PPRA, 2014.
2. The Client reserves the right to not to shortlist EOI Application if:
  - a. At any time, a material misrepresentation is made or uncovered, or
  - b. The Applicant does not respond promptly and thoroughly to requests for supplemental information required for the evaluation of the EOI.
3. Such misrepresentation / improper response would lead to the disqualification of the applicant. If the applicant is a Consortium, then the entire Consortium would be disqualified / rejected.

#### **G. Contents of Shortlisting Document**

The shortlisting document comprises the contents as given in the Table of Contents and would additionally include any Addenda issued in accordance with the provisions of this document.

#### **H. Clarifications**

Interested parties may address their queries relating to the shortlisting process to the office of the Client mentioning E-mail and Fax number. The queries should reach the above within ten (10) days of publishing of this REOI. The Client would endeavour to respond to the queries. The responses will be sent by fax/ email/courier. The delivery of clarifications to the applicant shall not be responsibility of the Client. A communication of clarification is considered to be made by the client if transmittal of fax or email/courier has been made to the applicant from the client.

#### **I. Amendment of Shortlisting Document**

1. At any time prior to the deadline for submission of EOI application, the client may, for any reason, whether at its own initiative or in response to clarifications requested by any applicant, modify the shortlisting Document by the issuance of an Addendum.
2. Any Addendum thus issued will be sent in writing to all those who have sent queries to the Document, and shall also be uploaded on the website of client and Punjab Procurement Regulatory Authority.

#### **J. Language**

The EOI and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by applicant with the EOIs should also be in English language.

#### **K. Validity of EOIs**

EOIs shall remain valid for a period not less than 120 days from the EOI closing date. The client reserves the right to reject any EOI which does not meet this requirement.

#### **L. Format and Signing of EOI Application**

1. The applicant would provide all the information as per this shortlisting document. The client would evaluate only those EOIs that are received in the required format and are complete in all respects.
2. The applicant shall prepare one original of the documents comprising the EOI and clearly marked "**ORIGINAL**". In addition, the applicant shall make two copies of the EOI, clearly marked "**COPY**". In the event of any discrepancy between the original and the copies, the original shall prevail.
3. The EOI and its copies shall be typed or written in indelible ink and each page shall be initialled and stamped by the applicant. All the alterations, omissions, additions, or any other amendments made to the EOI shall be initialled by the person(s) signing the EOI.

#### **M. Sealing and Marking of EOI Applications**

1. The applicant shall seal the original and copy duly marking the envelopes as "ORIGINAL" and "COPY". The envelopes shall then be sealed in an outer envelope super scribing 'EOI for "**Impact Assessment of Interventions under Strengthening Markets for Agriculture & Rural Transformation (SMART) Program**" under PI&SU, P&D Board' and also the name(s) of applicant / association.
2. The envelope shall be addressed to: "Program Director, Program Implementation & Support Unit, Planning & Development Board, 11-A, Upper Mall, Mian Meer Road, Lahore"
3. If the envelope is not sealed and marked as instructed above, the client assumes no responsibility for the misplacement or premature opening of the contents of the EOI submitted.

#### **N. EOI Closing Date**

EOI should be submitted on or before **August 10, 2023, 5:00 PM**, at the address provided above in the manner and form as detailed in this shortlisting document. EOI Applications submitted by either facsimile transmission, telex or e-mail will not be considered for evaluation and shortlisting. However, the Client reserves the right to extend the EOI closing date and Time, at any time prior to closing/opening of EOIs in response to this shortlisting document. In such cases the EOI applications received prior to such extension shall not be opened. Further, if the document is materially modified during such extended period, the EOI received prior to extension shall be returned to the applicants and appropriate time shall be allowed for resubmission of the EOI.

#### **O. Late EOI Applications**

EOI received after the closing date and time shall not be considered.

#### **P. Modifications/ Substitution/ Withdrawal of EOIs**

The applicant may modify, substitute or withdraw its EOIs after submission, provided that written notice of the modification, substitution or withdrawal is received by the client before the EOI's closing Date. No EOI shall be modified or substituted or withdrawn by the applicant after the EOI closing date and time.

**Q. Evaluation of EOI – Criteria**

The client would subsequently examine and evaluate EOIs in accordance with the criteria set out in Section 3.

**R. Evaluation of EOI - Supporting Documents**

The client reserves the right to call for supporting documentation to verify the data provided by applicant, at any time during the shortlisting process. The applicant in such cases would need to provide the requested clarification / documents promptly and within the stipulated time failing which the applicant is liable to be disqualified at any stage of the shortlisting process.

**S. Evaluation of EOI - Right to Reject**

The client reserves the right to reject EOI if:

- i. At any time, a material misrepresentation is made or uncovered; or
- ii. The applicant does not respond promptly and thoroughly to requests for supplemental information required for the evaluation of the EOI.

**T. Confidentiality**

Information relating to the examination, clarification, evaluation, and recommendation for the short-listed applicants shall not be disclosed to any person not officially concerned with the process. The client will treat all information submitted as part of EOI in confidential.

**U. Clarifications**

To facilitate evaluation of EOIs, the client may at its sole discretion, seek clarifications in writing from any applicant regarding its EOI or reject the incomplete EOI proposal.

**V. Qualification and Notification**

After the evaluation of EOIs, the Client would announce the shortlisting report at website i.e: [piu.punjab.gov.pk](http://piu.punjab.gov.pk). The shortlisted firms would then be requested by the client to submit a Technical Proposal & Financial Proposals in the form and manner to be set out in the RFP Document under QCBS method as defined in PPRA, 2014.



## SECTION 2: Term of References (TORs)

### TERMS OF REFERENCE (TORs)

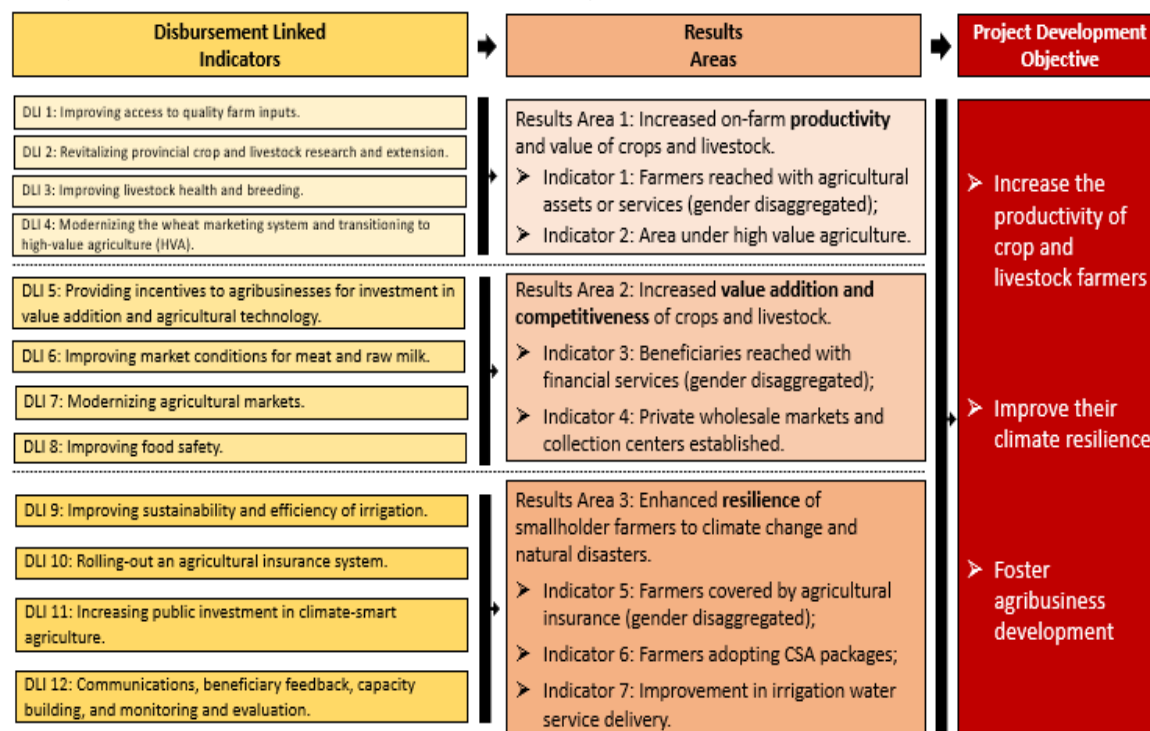
#### **IMPACT ASSESMENT/ EVALUATION OF INTERVENTIONS UNDER THE “STRENGTHENING MARKETS FOR AGRICULTURE AND RURAL TRANSFORMATION (SMART) PROGRAM”**

##### **Introduction & Background:**

##### **1. Program Introduction**

Strengthening Markets for Agriculture and Rural Transformation (SMART) program is a World Bank funded program being implemented by the Government of Punjab in collaboration with relevant implementing departments and monitored by Program Implementation Unit (PIU), P&D Board over a period of five years (2018 to 2022). The main objective of the Program is “to increase the productivity of crop and livestock farmers, improve their climate resilience, and foster agribusiness development in Punjab”. The program has recently been restructured and cost of program reduced from USD 300 Million to USD 229.75 Million. The program’s period has been extended from December 2022 to June 2024.

The SMART Program is comprised of a range of activities along with specified and time bound targets. SMART initially aimed to measure progress through 12 disbursement linked indicators (DLIs) grouped under three result areas: (i) Increased on-farm productivity and value of crops and livestock; (ii) increased value addition and competitiveness of crops and livestock; and (iii) enhance resilience of smallholder farmers to climate change and natural disasters. Under restructuring of the program, three DLIs (i.e. DLI 4a - Modernizing the wheat marketing system; DLI5 – providing incentives to agribusinesses for investments in value addition and agricultural technology; and DLI 6 – De-capping of meat and milk prices) have been dropped from scope of program. In addition to Disbursement Linked Indicators (DLIs), each of the implementing departments is required to achieve some critical results for the success of the overall SMART Programme. An impact pathway, showing the link between DLIs and the PDO is given below:



## **A. Result Area 1:**

**DLI 1: Improving access to quality farm inputs:** Better targeting of subsidies for agricultural inputs to small-scale farmers to increase overall production and reduce poverty by helping smallholders close the yield gap with larger producers. This will be done by extending the e-voucher scheme for farmers with less than 5 ha farmland.

**DLI 2: Revitalizing provincial crop and livestock research and extension systems:** A comprehensive strategy for agricultural and livestock research and extension be designed based on the recommendation of the review of the Punjab Agriculture Innovation System (AIS). The Punjab Agriculture Research Board (PARB) Act (1997), will also be amended and approved from Punjab Assembly followed by a Gazette notification, to reconstitute Board with private sector majority, and revise its mandate.

**DLI 3(a): Improving livestock health:** Resources will shift from curative to preventive animal healthcare (measured by the ratio of expenditures on preventive and curative medicine) to reduce productivity losses to disease. This will require the Livestock and Dairy Development Department to bifurcate expenditures being incurred for curative and preventative medicines.

**DLI 3(b): Improving livestock breeding:** Good breeding stock is essential to improve productivity. This DLI (measured by the number of breeding animals of selected species) will require an incremental number of animals to be registered under a progeny testing program to be conducted by L&DD.

**DLI 4(a): Modernizing the wheat marketing system:** Modernizing the wheat market would reduce wheat and flour prices and free land for HVA, substantially raising farm incomes and employment. It was to be measured by the official notification that GoPunjab is gradually withdrawing from the wheat market and subsequently maintaining a strategic wheat reserve of no more than 2 million MT. *However, this DLI has been dropped from scope of SMART due to political resistance.*

**DLI 4(b): Transitioning to high-value agriculture:** This DLI aims to shift current agricultural production towards more profitable and intensive practices through the promotion of High Value Agriculture (HVA). Achievement of this DLI depends on the percentage of the agriculture allocation in the ADP to High Value Agriculture (HVA) schemes. An additional measure is approval of the Punjab Agriculture Policy, which is expected to provide further strategic directions for the agriculture sector.

## **2. Result Area 2:**

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**DLI 5: Providing incentives to agribusinesses for investment in value addition and agricultural technology:** This DLI aimed to support an Agribusiness and Innovation Fund to be set up by GoPunjab. The fund was to award matching grants, with particular consideration for women and young people, on a competitive basis, measured by the number of matching grants awarded for agribusiness. *However, this DLI has been dropped from scope of SMART due to administrative hurdles.*

**DLI 6: Improving market conditions for meat and raw milk:** Removing meat and raw milk price caps (measured by the discontinuation of notification of meat and milk prices) would stimulate production and marketing of better quality and safer livestock products, raising producers' incomes and increasing supplies for urban areas. *This DLI has been dropped from scope of SMART due to political resistance.*

**DLI 7: Modernizing agricultural markets:** Reforming wholesale market legislation to allow greater private sector participation and enhance transparency (measured by approval and notification of the Punjab Agricultural Marketing Regulatory Authority Act) would reduce the margins taken by middlemen, reduce the government's role in controlling these markets, allow the private sector to set up markets and provide farmers with alternatives markets.

**DLI 8: Improving food safety:** Better food and agricultural standards, backed by testing and enforcement mechanisms, would improve the quality of food products and public health, and address concerns about contaminated or adulterated products. Measured by tracking progress in establishing and operationalizing regional and divisional mobile food safety laboratories.

### **3. Results Area 3:**

**DLI 9: Improving sustainability and efficiency of irrigation:** More equitable access to water and better assessment and collection of *Abiana* would encourage producers to use water more efficiently with no increases in overall water use and increase funds for M&R. Adoption of a provincial water policy and Water Act are important first steps towards addressing the overexploitation of water, falling groundwater tables, and increasing salinization. Measured by approval of the Punjab Water Policy, notification of the Punjab Groundwater Act, improvements in the area assessed for *Abiana*, tracking *Abiana* collection rates, and tracking water delivery performance ratios (defined as actual amount of water delivered divided by amount delivered according to canal design, measured at different points along the canal) in selected canals. This will improve water delivery equity among users of irrigation water.

The DLI also envisages the demarcation of critical groundwater areas in the province followed by publishing of groundwater zoning and map. This is to be followed by geo-referencing and registration of all tube-wells operating in the province.

**DLI 10: Rolling-out an agricultural insurance system:** Crop insurance can help crop producers stabilize incomes and sustain resilience when natural events deplete harvests. A feasibility report detailing a suitable crop insurance scheme was completed in July 2017. A five-year work plan was developed based on the crop-insurance scheme, followed by a pilot program in at least two districts in the province starting April 2018, and further roll out to other districts in subsequent years.

**DLI 11: Increasing public investment in climate-smart agriculture:** Enhancing public investment in CSA would help farmers adopt new technologies and approaches and reduce potential losses related to climate change. Measured by tracking the percentage of the total allocation for agriculture in the ADP towards CSA schemes. <sup>11</sup>

**DLI 12: Communications, beneficiary feedback, capacity building, and monitoring and evaluation:** Measured by development and implementation of a communications strategy and annual capacity development plans.

### **Objectives and Scope of Work:**

**The objective of the assignment is to assess the overall impact of activities undertaken under SMART Program vis-à-vis increase in the crop and livestock productivity, competitiveness in agriculture markets, climate resilience and water management. The**

overall impact assessment should clearly: (i) focus on key indicators required to measure the activities/ inputs, outcomes and impact of the planned activities as mentioned in the Program Appraisal Document (PAD). (ii) provide comparison before and after the program interventions. (iii) Assess how the SMART is successful in relation to the five evaluation criteria (relevance, efficiency, effectiveness, sustainability, and impact) and (iv) Evaluate the specific strategy for the areas of concern as outlined in the PAD. In addition, using the Focus Group Discussions (FGD), Key Informant Interviews (KII) and case studies methods and through primary and secondary data sources assess beneficiaries' experiences and their perceptions of the programs' effectiveness, document successes, failures, challenges faced and lessons learned, and develop recommendations for future sustainability.

The assessment of SMART program performance should have a special emphasis on:

- **Relevance** – how and to what extent the program activities consistent with identified needs and government priorities?
- **Effectiveness** – to what extent the program interventions contributed to achieve program objectives and outcomes, and the level of achievement in terms of undertaking activities as per the project design and workplan?
- **Efficiency** – are the programs' inputs and resources translated into concrete results in an economically feasible manner (based on the assessment of implementation delays, political / administrative issues, technical capacity issues; operational efficiency, etc.)? What are the actual and expected changes occurred (including positive and negative, direct and indirect) as a result of program interventions?
- **Sustainability** – to what extent the program benefits extend beyond the project duration including the assessment of the anticipated results and risks?
- **Social Inclusion of Vulnerable, Gender Equality and Women Empowerment** – to what extent the program activities contributed to the inclusion of vulnerable groups specially the women, achieve gender equality and women employment as outlined in the Program Appraisal document (PAD) and ESSA documents?
- **Innovation:** In what aspects did the program manage to bring innovative solutions to the problems identified in program documents? Highlight the challenges and provide unique methods to overcome challenges.
- **Challenges faced and lessons learned:** What are the key results (both positive and negative), insights, stories, and messages learned from SMART Program worthwhile reporting to improve the implementation of SMART and design the future programs. The relevancy of lending tools e.g. use of Program for Result (P4R) instrument instead of Investment Project Funding (IPF) and their respective mechanism of disbursements for such programs also be discussed. The need for technical assistance support from the Bank to support various interventions under the program. What could have been done differently to avoid cancellation of some DLIs and loan.

*The details of Disbursement Linked Indicators (DLIs) and Disbursement Linked Results (DLRs) originally designed for SMART program are at **Annex-A**. The details of restructured DLIs / DLRs and sampling methodology are given at **Annex-B**.*

## General Approach for the Assignment:

**The proposed Impact Assessment will be conducted by using both quantitative and qualitative methods.** The assignment will be undertaken in close coordination of the Program Implementation Unit (PIU) P&D Board, relevant line departments and all key stakeholders / beneficiaries.

## Phasing:

**The assignment will be undertaken in three key phases:** preparation, implementation, data analysis and reporting. Progress reports on key deliverables may be requested during and at the completion of each stage. The specific activities include:

### **Preparation (1 month)**

- Study the processes and procedures before the program's intervention;
- Review the Program design documents (technical assessment, diagnostic reports etc.) and Program Appraisal Document (PAD), latest progress reports and identify the key requirements for the Impact Assessment;
- Identify and review available sources of secondary data; assess primary data collection requirements;
- Develop a full technical document discussing the survey instruments including sampling methodology and statistical assessment criteria; develop the sampling framework with a brief action plan;
- Prepare the questionnaires (for survey, Focused Group Discussions (FGDs) and Key Informant Interviews (KIIs), other survey tools, and the database system for data entry. The questionnaire should be comprehensive enough to cover the indicators as outlined in the Program Appraisal Document.
- Establish proper data quality procedures (i.e. avoiding duplications and controlling data integrity issues);
- Prepare an outline for the final report for the outcomes of the survey and the FGDs.

### **Implementation (3 months)**

- Consultant shall be responsible for hiring and training of enumerators and supervision of the field staff; the consultant will also dedicate a team leader for implementing agencies for effective coordination and to ensure that the enumerators follow the established guidelines and procedures;
- Undertake a pilot survey for each of the selected DLI / district requiring field surveys to test the methodology and questionnaire, and in discussion with relevant implementing department and PIU, P&D Board and other stakeholders to review the methodology/questionnaire as necessary;
- Conduct field visits and manage the necessary processes for data collection and audio/video recording of FGDs and KIIs. Coordinate data collection work and ensure full compliance with the data entry protocols, data privacy and protection rules, and the transcripts; the assessment process should respect ethical best practices in terms of obtaining consent from interviewees and respecting their right to privacy;
- Provide timely recommendation of inconsistencies and problems identified by the research team in implementation of the interventions;
- Consultant will be responsible to make boarding lodging arrangements for its

teams.

### **Analysis, Reporting and Feedback (2 months)**

- Analyze and interpret the data/information collected, taking into consideration, the objectives, activities, outcome and outputs;
- Prepare a detailed report and analysis based on the submitted outline during the preparation phase. Modify and amend the report if necessary based on the feedback from PIU P&D Board and relevant implementing department / stake holders.

### **Main Deliverables:**

- **Impact Assessment Inception Report** – to be submitted within four calendar weeks of the date of contract signing. This report will include a fully elaborated Impact Assessment proposal including the approach and proposed survey instruments, sampling frames and sampling methodology, interviewing method, number of FGDs and the number of participants and locations, draft questionnaires and other survey tools, data processing and analysis methodology, outline of the final report and schedule of activities;
- **Draft Impact Assessment Report** – to be submitted by end of fifth month from date of contract signing;
- **Final Impact Assessment Report** – to be submitted by end of sixth month from date of contract signing. The final report should be written in a clear and simple style, documenting the results of the Impact Assessment in accordance with the above terms of reference. The report will be written based on the submitted and approved outline during the preparation phase.

### **Final Workshop**

**Within one week of the submission of the Impact Assessment Report**, the results should be presented to PIU P&D Board and representatives of relevant line departments and stakeholders for validation.

### **Submission of Final Report**

- The Final Impact Assessment Report will be submitted in English (3 copies) language. All reports and data collected must be provided to the PIU P&D Board together with copies of all questionnaires, audio/video recordings (if any), transcripts and all other relevant material and information collected or generated during the survey.

### **Duration of the Assignment:**

6 Months

### **Key Team:**

#### **Team Lead**

#### **Qualification:**

At least PhD or Master's Degree in agricultural economics, business administration, economics, social sciences, or other related fields. The most relevant degree and higher qualification shall be

preferred / highly desirable.

**Experience:**

- A minimum of 15 years of professional experience in relevant field including at least 10 years' experience of designing and implementation of M&E systems and Impact Assessment studies of development sector / donor funded projects. Out of which 5 years of experience of impact assessment.
- In depth knowledge and experience of cross cutting issues and thematic areas. Experience of Agriculture and Livestock sectors, institution reviews and business process re-engineering, etc.

**Public Sector Experts (Agriculture / Livestock / Irrigation Experts)**

**Qualification:**

Minimum 16 years of education in relevant field/ Sector specific field preferably from well reputed university.

**Experience:**

At least ten (10) years of relevant experience in sectoral planning, development and M&E in in Public Sector Organizations or donor funded Programs/Projects.

**Senior Analyst**

**Qualification:**

At least Master's degree preferably in agricultural economics, statistics, economics, business administration, social sciences, Data Sciences or other related fields

**Experience:**

- A minimum of 10 years of professional experience with at least 3 years of experience as a data/business analyst, statistician, or data specialist, or program specialist.
- Must have practical experience in using statistical software or data mining tools
- Minimum 2 years of working experience in the design and implementation of surveys, analysis of various types of data sets, mapping survey results, and/or data mining. Experience in working with Governmental Organizations, /or International Donor Agencies.

**M&E Expert**

**Qualification:**

Master's degree or equivalent preferably in Agricultural Economics, Project Management, Economics, Finance, Business Administration, Public Administration or related discipline

**Experience:**

A Minimum of 10 years of relevant work experience with at least 5 years' experience of M&E in public sector organization and donor funded projects. Knowledge of essential M&E tools e.g. MS Project, PRIMAVERA, Base camp, PERT, Logical Framework etc. Proficiency in IT

and report writing skills.

### **Field Survey Coordinator**

#### **Qualification:**

At least Master's degree preferably in agricultural economics, statistics, economics, business administration, social sciences, or other related fields

#### **Experience:**

- A minimum of 5 years of professional experience. At least 3 years of experience as a field coordinator, survey team leader, or in a similar role and minimum 2 years of working experience in coordinating and/or training of field survey teams or enumerators.
- Experience in working with Governmental Organizations and International Donor Agencies funded Program.



**ANNEX A – DISBURSEMENT LINKED INDICATORS (DLIS) AND DISBURSEMENT LINKED RESULTS (DLRS)**

Disbursement linked indicator (DLI)	Total financing allocated (US\$ m)	As % of total financing amount	DLI Baseline	Prior results	Indicative timeline for DLI achievement				
					2018 (Year 1)	2019 (Year 2)	2020 (Year 3)	2021 (Year 4)	2022 (Year 5)
<b>DLI 1 - Improving access to quality farm inputs</b>			No E-voucher system in place.	Department of Agriculture (DoAg) has extended the coverage of E-vouchers providing subsidies for agricultural inputs to at least 25,000 farmers with less than 5 ha of farm land in FY17.	DoAg has extended the coverage of E-vouchers providing subsidies for agricultural inputs to at least 50,000 farmers with less than 5 ha of farm land in FY18.	DoAg has extended the coverage of E-vouchers providing subsidies for agricultural inputs to at least 100,000 farmers with less than 5 ha of farm land in FY19.	DoAg has extended the coverage of E-vouchers providing subsidies for agricultural inputs to at least 150,000 farmers with less than 5 ha of farm land in FY20.	DoAg has extended the coverage of E-vouchers providing subsidies for agricultural inputs to at least 200,000 farmers with less than 5 ha of farm land in FY21.	

<p><b>DLI 2 - Revitalizing provincial crop and livestock research and extension systems</b></p>			<p>0.1% of AgGDP allocated to research in FY16/17 of which 4% allocated to competitive research grants.</p>			<p>(a) Punjab's Cabinet has approved and notified in the Gazette a new Agriculture and Livestock Research and Extension Policy <b>(1.00)</b>  (b) Punjab's Assembly has amended (as notified in the Gazette) the Punjab Agricultural Research Board Act (1997), to reconstitute the Board with a majority of professionals from related fields in the private sector, and to revise its mandate in line with the Review Team Report <b>(1.00)</b>  (c) (i) Punjab's Assembly has approved aggregate budgetary allocations for agriculture and/or livestock research for</p>	<p>(i) Punjab's Assembly has approved aggregate budgetary allocations for</p>	<p>(i) Punjab's Assembly has approved aggregate budgetary allocations for</p>	<p>(i) Punjab's Assembly has approved aggregate budgetary allocations for</p>
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Disbursement linked indicator (DLI)	Total financing allocated (US\$ m)	As % of total financing amount	DLI Baseline	Prior results	Indicative timeline for DLI achievement				
					2018 (Year 1)	2019 (Year 2)	2020 (Year 3)	2021 (Year 4)	2022 (Year 5)
						FY19 equivalent to 0.2% of Punjab's AgGDP, of which 8% has been channeled through competitive research grants, including to the private sector; and (ii) DoAg. and DoL&DD have spent at least 60% of the FY19 allocated budgetary resources (5.00).	agriculture and/or livestock research for FY20 equivalent to 0.25% of Punjab's AgGDP, of which 12% has been channeled through competitive research grants, including to the private sector; and (ii) DoAg. and DoL&DD have spent at least 70% of the FY20 allocated resources.	agriculture and/or livestock research for FY21 equivalent to 0.3% of Punjab's AgGDP, of which 16% has been channeled through competitive research grants, including to the private sector; and (ii) DoAg. and DoL&DD have spent at least 80% of the FY21 allocated resources.	agriculture and/or livestock research for FY22 equivalent to 0.4% of Punjab's AgGDP, of which 20% has been channeled through competitive research grants, including to the private sector; and (ii) DoAg. and DoL&DD have spent at least 80% of the FY22 allocated resources.
<b>DLI 3 (a) - Improving livestock health</b>			Preventive to curative ratio 65:35 in FY17 under the same head of account in the budget.		(a) DoL&DD has established in its recurrent budget separate heads of account for the allocation of budgetary resources to preventive and curative animal healthcare; and (b) DoL&DD's budgetary allocations for FY19 for preventive vs. curative animal healthcare have achieved a 3:1 ratio.		DoL&DD's budgetary allocations for FY21 for preventive vs. curative animal healthcare have achieved a 4:1 ratio.		DoL&DD's budgetary allocations for FY23 for preventive vs. curative animal healthcare have achieved a 9:1 ratio.
<b>DLI 3 (b) - Improving livestock breeding</b>			7,000 animals registered in progeny testing program of Sahiwal cow, Neeli Ravi buffalo, and Cholistani cow.		DoL&DD has registered at least 12,000 animals in its progeny testing program for Sahiwal cow, Nili-Ravi buffalo, and Cholistani cow.		DoL&DD has registered at least 22,000 animals in its progeny testing program for Sahiwal cow, Nili-Ravi buffalo, and Cholistani cow.		DoL&DD has registered at least 30,000 animals in its progeny testing program for Sahiwal cow, Nili-Ravi buffalo, and Cholistani cow.

Disbursement linked indicator (DLI)	Total financing allocated (US\$ m)	As % of total financing amount	DLI Baseline	Prior results	Indicative timeline for DLI achievement				
					2018 (Year 1)	2019 (Year 2)	2020 (Year 3)	2021 (Year 4)	2022 (Year 5)
<b>DLI4 (a) – Modernizing the wheat marketing system</b>			GoPunjab procures an annual quantity of approximately 4 million MT of wheat at US\$310/MT.		Punjab’s Cabinet has approved the PFD’s plan for the governmental withdrawal from the wheat market, and the gradual reduction of strategic wheat reserves.	Punjab has reduced the procurement of wheat in FY19 to not more than 3 million tons.	Punjab has reduced the procurement of wheat in FY20 to not more than 2 million tons.	Punjab has: (a) fully phased out from the wheat market; (b) reduced its strategic wheat reserves to not more than 2 million tons; and (c) developed silos for bulk storage of wheat for up to 2 million tons, under PPP arrangements.	
<b>DLI4 (b) - Transitioning to high-value agriculture</b>			Punjab Agriculture Policy under preparation  3.5% of agriculture Annual Development Plan (ADP) allocated for FY17 to high-value agriculture (HVA).	Punjab’s Assembly has allocated at least 6% of the amounts budgeted for DoAg. under the ADP for FY18 towards HVA.	(a) Punjab’s Cabinet has approved and notified in the Gazette an Agricultural Policy <b>(1.00)</b> ; and (b) (i) Punjab’s Assembly has allocated at least 8% of the amounts budgeted for DoAg. under the ADP for FY19, towards HVA; and (ii) DoAg. has spent at least 60% of the FY18 allocated budgetary resources. <b>(5.00)</b>	(i) Punjab’s Assembly has allocated at least 10% of the amount budgeted for DoAg. under the ADP for FY20 towards HVA; and (ii) DoAg. has spent at least 70% of the FY19 allocated budgetary resources.	(i) Punjab’s Assembly has allocated at least 12% of the amount budgeted for DoAg. under the ADP for FY21 towards HVA; and (ii) DoAg. has spent at least 80% of the FY20 allocated budgetary resources.	(i) Punjab’s Assembly has allocated at least 14% of the amount budgeted for DoAg. under the ADP for FY22 towards HVA; and (ii) DoAg. has spent at least 80% of the FY21 allocated budgetary resources.	(i) Punjab’s Assembly has allocated at least 15% of the amount budgeted for DoAg. under the ADP for FY23 towards HVA; and (ii) DoAg. has spent at least 80% of the FY22 allocated budgetary resources.
<b>DLI 5 - Providing incentives to agribusinesses for investments in value addition and agricultural technology</b>			No matching grants in ADP.		Punjab has: (a) through the FD, approved and notified in the Gazette the operations manual for the Agribusiness and Innovation Fund; and (b) through the DoAg., set in place the implementation mechanism.	The Agribusiness and Innovation Fund has awarded at least 20 Matching Grants to agribusinesses, of which at least 4 have been awarded to women or young adults in FY19.	The Agribusiness and Innovation Fund has awarded at least 50 Matching Grants to agribusinesses, of which at least 15 have been awarded to women or young adults in FY20.	The Agribusiness and Innovation Fund has awarded at least 70 Matching Grants to agribusinesses, of which at least 28 have been awarded to women or young adults in FY21.	The Agribusiness and Innovation Fund has awarded at least 100 Matching Grants to agribusinesses, of which at least 50 have been awarded to women or young adults in FY22.

Disbursement linked indicator (DLI)	Total financing allocated (US\$ m)	As % of total financing amount	DLI Baseline	Prior results	Indicative timeline for DLI achievement				
					2018 (Year 1)	2019 (Year 2)	2020 (Year 3)	2021 (Year 4)	2022 (Year 5)
<b>DLI 6 – Improving market conditions for meat and raw milk</b>			Prices of meat and raw milk are on the list of Essential Commodities subject to price caps.		Punjab has publicly announced and implemented market-based pricing for meat and raw milk in FY19.				Punjab has implemented market-based pricing for meat and raw milk in FY20 through FY22.
<b>DLI 7 - Modernizing agricultural markets</b>			Punjab Agriculture Produce Marketing Ordinance, 1978.		Punjab’s Assembly has approved and notified in the Gazette the Punjab Agricultural Marketing Regulatory Authority Act (“PAMRA Act”).			DoAg. has ensured that all agricultural produce marketing operates exclusively under the PAMRA Act.	
<b>DLI 8 - Improving food safety</b>			No food testing laboratories.		DoAg has established and operationalized a provincial reference agriculture and food testing lab, in accordance with the ISO/IEC 17025:2005 standard.	Department of Food (DoF) has established and operationalized one (1) regional food testing lab and two (2) divisional mobile foods testing labs, all in accordance with the ISO/IEC 17025:2005 standard.	DoF has established and operationalized a second regional food testing lab and three (3) divisional mobile foods testing labs, additional to those of Year 3, all in accordance with the ISO/IEC 17025:2005 standard.	DoF has established and operationalized a third regional food testing lab and four (4) divisional mobile foods testing labs, additional to those of Years 3 and 4, all in accordance with the ISO/IEC 17025:2005 standard.	
<b>DLI 9 - Improving sustainability and efficiency of irrigation</b>			Punjab Water Policy and Ground Water Act under preparation.  <i>Abiana</i> assessment = Pakistani Rupee (PKR) 1 billion in FY16/17, of which 61% is collected.  Equity of water distribution in		(a) Punjab’s Cabinet has approved and notified in the Gazette a Punjab Water Policy (1.00); (b) Punjab Irrigation Department (PID) has improved the <i>abiana</i> assessment for FY18, based on irrigated cultivated area (perennial or not), to at	(a) Punjab’s Assembly has approved and notified in the Gazette the Punjab Groundwater Act (1.00); (b) PID has increased the <i>abiana</i> collection in FY19 to reach 75% of the improved assessment (1.00); and (c) PID has improved the equity of water	(a) PID has: (i) demarcated the critical groundwater areas of Punjab; and (ii) notified and published the groundwater zoning and map thereof (1.00); (b) PID has increased the <i>abiana</i> collection in FY20 to reach 80% of the improved assessment (1.00); and	(a) PID has: (i) established an electronic geo-referenced database for tube wells; and (ii) registered all existing tube wells in Punjab including their geographical coordinates (2.00); and (b) PID has increased the <i>abiana</i> collection in FY21 to reach 85% of	PID has increased the <i>abiana</i> collection in FY22 to reach 90% of the improved assessment.

Disbursement linked indicator (DLI)	Total financing allocated (US\$ m)	As % of total financing amount	DLI Baseline	Prior results	Indicative timeline for DLI achievement				
					2018 (Year 1)	2019 (Year 2)	2020 (Year 3)	2021 (Year 4)	2022 (Year 5)
			accordance with entitlements with delivery performance ratio of 0.70.		least PKR 2 billion <b>(1.00)</b> ; and  (c) PID has improved the equity of water distribution in accordance with entitlements, with a delivery performance ratio of 0.75 in FY19 for targeted canals <b>(1.00)</b> .	distribution in in selected canals in accordance with entitlements, with a delivery performance ratio of 0.80 in FY19 <b>(2.00)</b> .	(c) PID has improved the equity of water distribution in in selected canals in accordance with entitlements, with a delivery performance ratio of 0.85 in FY20 <b>(1.00)</b> .	the improved assessment <b>(2.00)</b> .	
<b>DLI 10 - Rolling- out an agricultural insurance system</b>			Crop loan insurance scheme is mandatory for all seasonal crop credit borrowers – but protects lenders, not farmers.	DoAg. has approved the Diagnostic Report assessing the crop loan insurance scheme and analyzing options for an agricultural insurance coverage.	(a) DoAg. has developed and adopted a five-year work plan for the roll out of an agricultural insurance scheme, based on the recommendation of the Diagnostic Report <b>(0.50)</b> ; and  (b) DoAg. has piloted an agricultural insurance scheme in at least 2 districts, one each in Punjab’s cotton and rice belt, with an insurance take-up reaching 50,000 policies sold in FY18 <b>(0.245)</b> .	DoAg. has implemented the agricultural insurance scheme in districts additional to those covered in FY18, with an insurance take-up reaching 250,000 policies sold in FY19.	DoAg. has implemented the agricultural insurance scheme in districts additional to those covered in FY18 and FY19, with an insurance take-up reaching 500,000 policies sold in FY20.	DoAg. has implemented an agricultural insurance scheme in districts additional to those covered in FY18 though FY20, with an insurance take-up reaching 750,000 policies sold in FY21.	DoAg. has implemented an agricultural insurance scheme in districts additional to those covered in FY18 though FY21, with an insurance take-up reaching 1,000,000 policies sold in FY22.
<b>DLI 11 - Increasing public investment in climate-smart agriculture</b>			3% of allocation for agriculture in FY17 ADP for climate-smart agriculture (CSA). 50% of total allocation for agriculture spent.	Punjab’s Assembly has allocated at least 6% of the amount budgeted for agriculture under the ADP for FY18 to investments in CSA.	(a) Punjab’s Assembly has allocated at least 8% of the amount budgeted for agriculture under the ADP for FY19 to investments in CSA; and (b) DoAg. has spent at least 60% of the resources allocated	(a) Punjab’s Assembly has allocated at least 10% of the amount budgeted for agriculture under the ADP for FY20 to investments in CSA; and (b) DoAg. has spent at least 70% of the resources allocated	(a) Punjab’s Assembly has allocated at least 12% of the amount budgeted for agriculture under the ADP for FY21 to investments in CSA; and (b) DoAg. has spent at least 80% of the resources allocated	(a) Punjab’s Assembly has allocated at least 14% of the amount budgeted for agriculture under the ADP for FY22 to investments in CSA; and (b) DoAg. has spent at least 80% of the resources allocated	(a) Punjab’s Assembly has allocated at least 15% of the amount budgeted for agriculture under the ADP for FY23 to investments in CSA; and (b) DoAg. spent at least 80% of the resources allocated

					therefor in FY18.	therefor in FY19.	therefor in FY20.	therefor in FY21.	therefor in FY22.
<b>DLI 12 – Communications, beneficiary feedback, capacity building, and monitoring and evaluation</b>			Technical assistance provided during Program preparation including series of policy notes, assessment of communications capacity, review of agricultural research and extension.		P&DD has developed a communications strategy for the Program, including beneficiary feedback, and started its implementation.	The participating departments have prepared and implemented the FY19 annual capacity building plan, in a manner and substance acceptable to the Bank.	The participating departments have prepared and implemented the FY20 annual capacity building plan, in a manner and substance acceptable to the Bank.	The participating departments have prepared and implemented the FY21 annual capacity building plan, in a manner and substance acceptable to the Bank.	The participating departments have prepared and implemented the FY22 annual capacity building plan, in a manner and substance acceptable to the Bank.

## Annex B

### DISBURSEMENT LINKED INDICATORS, DISBURSEMENT LINKED RESULTS AND SAMPLING METHODOLOGY FOR IMPACT EVALUATION

DISBURSEMENT LINKED INDICATORS	DISBURSEMENT-LINKED RESULTS								METHODOLOGY AND SAMPLING SIZE FOR IMPACT EVALUATION AND DATA COLLECTION METHODS
	PRIOR RESULTS	RESULTS TO BE ACHIEVED IN 2018 (YEAR 1)	RESULTS TO BE ACHIEVED IN 2019 (YEAR 2)	RESULTS TO BE ACHIEVED IN 2020 (YEAR 3)	RESULTS TO BE ACHIEVED IN 2021 (YEAR 4)	RESULTS TO BE ACHIEVED IN 2022 (YEAR 5)	RESULTS TO BE ACHIEVED IN 2023 (YEAR 6)	RESULTS TO BE ACHIEVED IN 2024 (YEAR 7)	
1. <b>Improving access to quality farm inputs</b>	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 25,000 farmers with less than 5 hectares of farm land in FY17.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 50,000 farmers with less than 5 hectares of farm land in FY18.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 100,000 farmers with less than 5 hectares of farm land in FY19.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 150,000 farmers with less than 5 hectares of farm land in FY20.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 200,000 farmers with less than 5 hectares of farm land in FY21.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 250,000 farmers with less than 5 hectares of farm land in FY22.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 350,000 farmers with less than 5 hectares of farm land in FY23.	DoAg has extended the coverage of E- vouchers providing subsidies for agricultural inputs to at least 400,000 farmers with less than 5 hectares of farm land in FY24.	<ul style="list-style-type: none"> <li>• Sample Size = 0.5% of total farmers in selected districts of Punjab.</li> <li>• Total Districts = 4 districts (2 from South, 1 North and 1 Central Punjab)</li> <li>• Sample for Field Survey = 20%.</li> <li>• Sample for telephonic interviews = 80%.</li> <li>• Data collection through meetings with relevant departments, stakeholders and beneficiaries to assess impact of scheme on total productivity and income of small farmers, and contribution to the</li> </ul>



									achievement of PDO.
<b>2. Revitalizing provincial crop and livestock research and extension systems</b>	-	-	-	-	-	-	New Agriculture and Livestock Research and Extension Strategies approved by competent forums.	Punjab Assembly has amended (as notified in the Gazette) the Agricultural Research Board Act (1997), to reconstitute the Board with a majority of professionals from the private sector.	<ul style="list-style-type: none"> <li>• Meetings with relevant departments and consultation with stakeholders.</li> <li>• Challenges faced by departments (DLI designing, budget shortfalls and administrative / capacity issues etc.).</li> <li>• Reasons for dropping of research budget allocation target and lessons learnt for future interventions.</li> <li>• Revised targets efficacy in respect of overall program.</li> </ul>

3 (a) <b>Improving livestock health</b>		(i) DoL&DD has established in its recurrent budget separate heads of account for preventive and curative animal healthcare; and (ii) DoL&DD's budgetary allocations for FY19 for preventive vs. curative animal healthcare have achieved a 3:1 ratio.	-	-	-	DoL&DD's budgetary allocations for FY23 for preventive vs. curative animal healthcare have achieved a 80:20 ratio.	-	-	<ul style="list-style-type: none"> <li>• Data collection through meetings with relevant departments / wings, stakeholders and beneficiaries / farmers to assess impact of this initiative on animals health (better protection from diseases and reduced mortality), productivity and farmers income.</li> </ul>
3 (b) <b>Improving livestock breeding</b>		DoL&DD has registered at least 12,000 animals in its progeny testing program for Sahiwal cow, Nili-Ravi buffalo, and Cholistani cow.	-	DoL&DD has registered at least 22,000 animals in its progeny testing program for Sahiwal cow, Nili- Ravi buffalo, and Cholistani cow.	-	DoL&DD has registered at least 30,000 animals in its progeny testing program for Sahiwal cow, Nili-Ravi buffalo, and Cholistani cow.	DoL&DD has registered at least 50,000 animals in its progeny testing program for Sahiwal cow, Nili- Ravi buffalo, and Cholistani cow.	DoL&DD has registered at least 60,000 animals in its progeny testing program for Sahiwal cow, Nili- Ravi buffalo, and Cholistani cow.	<ul style="list-style-type: none"> <li>• Sample Size = 2 Progeny Testing Program zones / declared districts; 2 Institutional Herds (Livestock Experimental Stations / Government Livestock Farms); 100 private livestock breeders or farms.</li> <li>• Data collection through meetings with relevant departments, wings, institutes, farms, stakeholders and beneficiaries / breeders / farmers to assess initial impact of this initiative on ground and draw lessons for future</li> </ul>

									interventions.
4.	<b>(a) Modernizing the wheat marketing system (<i>pro-memoria</i>)</b>								<ul style="list-style-type: none"> <li>• Meetings with relevant departments and consultation with stakeholders / beneficiaries.</li> <li>• Challenges faced by Food Department (DLI designing, policy issues, political resistance, administrative issues etc.).</li> <li>• Reasons for dropping of DLI / targets, impact on overall objective of program, and lessons learnt for future interventions.</li> </ul>

<p>4. (b) <b>Transitioning to High-Value Agriculture (“HVA”)</b></p>	<p>Punjab’s Assembly has allocated at least 6% of the amounts budgeted for DoAg. Under the ADP for FY18 towards HVA.</p>	<p>(i) Punjab’s Cabinet has approved and notified in the Gazette an Agricultural Policy*; and (ii) (A) Punjab’s Assembly has allocated at least 8% of the amounts budgeted for DoAg. under the ADP for FY19, towards HVA; and (B) DoAg. has spent at least 60% of the FY18 allocated budgetary resources.</p>	<p>(A) Punjab’s Assembly has allocated at least 10% of the amount budgeted for DoAg. under the ADP for FY20 towards HVA; and (B) DoAg. has spent at least 70% of the FY19 allocated budgetary resources.</p>	<p>(A) Punjab’s Assembly has allocated at least 12% of the amount budgeted for DoAg. under the ADP for FY21 towards HVA; and (B) DoAg. has spent at least 80% of the FY20 allocated budgetary resources.</p>	<p>(A) Punjab’s Assembly has allocated at least 14% of the amount budgeted for DoAg. under the ADP for FY22 towards HVA; and (B) DoAg. has spent at least 80% of the FY21 allocated budgetary resources.</p>	<p>(A) Punjab’s Assembly has allocated at least 15% of the amount budgeted for DoAg. under the ADP for FY23 towards HVA; and (B) DoAg. has spent at least 80% of the FY22 allocated budgetary resources.</p>	<p>-</p>	<p>-</p>	<ul style="list-style-type: none"> <li>• Sample Size = Select any 5 schemes of different nature categories / investments.</li> <li>• Data collection through meetings with relevant departments / wings, stakeholders and beneficiaries / farmers to assess impact of HVA initiative through increased utilization and increase in total income and productivity of farmers. The evaluation will help in categorization of different investments and assess results and impacts to draw lessons for future investments.</li> </ul>
<p>5. <b>Providing incentives to agribusinesses for investments in value addition and agricultural technology (<i>pro-memoria</i>)</b></p>									<ul style="list-style-type: none"> <li>• Meetings with relevant departments and consultation with stakeholders /</li> </ul>

<b>Providing incentives to agribusinesses for investments in value addition and agricultural technology</b>	-	Punjab's Assembly has approved and notified in the Gazette the operational manual for the agribusiness fund; and set in place the implementation mechanism.	-	-	-	-	-	-	-	beneficiaries. <ul style="list-style-type: none"> <li>• Challenges faced by DoAg. (DLI designing, financial risks, administrative / capacity issues etc.).</li> <li>• Reasons for dropping of DLI / targets, impact on overall objective of program, and lessons learnt for future interventions.</li> </ul>
6. <b>Improving market conditions for meat and raw milk</b>										<ul style="list-style-type: none"> <li>• Meetings with relevant departments and consultation with stakeholders / beneficiaries.</li> <li>• Challenges faced by L&amp;DD Department (DLI designing, policy issues, political resistance, etc.).</li> <li>• Reasons for dropping of DLI / targets, impact on overall objective of program, and lessons learnt for future interventions.</li> </ul>

7. Modernizing agricultural markets	-	Punjab's Assembly has approved and notified in the Gazette the Punjab Agricultural Marketing Regulatory Authority Act ("PAMRA Act")*.	-	-	DoAg. has ensured that all agricultural produce marketing operates exclusively under the PAMRA Act*.	-	-	-	<ul style="list-style-type: none"> <li>• Sample Size = 2-3 Mandis/ Markets / Kissan Platforms.</li> <li>• Meetings with relevant departments / wings, stakeholders and beneficiaries / farmers to assess impact on ground, improvement in market conditions, increase in farmers income, and draw lessons for future interventions.</li> </ul>
8. Improving food safety	-	-	-	-	-	PFD has established and operationalized: 7 mobile foods testing labs, all in accordance with the ISO/IEC 17025:2005 standard.	PFD has established and operationalized 1 regional lab and 2 additional mobile labs, all in accordance with the ISO/IEC 17025:2005 standard.	-	<ul style="list-style-type: none"> <li>• Sample Size = 3 food safety labs / divisions.</li> <li>• Meetings with relevant departments / wings, stakeholders and beneficiaries to assess impact on ground (quantitative and qualitative) through improvement in quality of food products and public health. To be assessed through data / statistics available with Punjab Food Authority and Helpline.</li> </ul>

<p>9. <b>Improving sustainability and efficiency of irrigation</b></p>		<p>(i) Punjab’s Cabinet has approved and notified in the Gazette a Punjab Water Policy;</p> <p>(ii) PID has improved the <i>Abiana</i> assessment for FY18, based on irrigated cultivated area (perennial or not) to at least PKR 2 billion;</p>	<p>Punjab’s Assembly has approved and notified in the Gazette the Punjab Groundwater Act</p>	<p>(i) PID has: (A) demarcated the critical groundwater areas of Punjab; and (B) notified and published the groundwater zoning and map thereof; and</p> <p>(ii) PID has increased the <i>Abiana</i> collection in FY20 to reach 80% of the improved assessment</p>	<p>PID has increased the <i>Abiana</i> collection in FY21 to reach 85% of the improved assessment.</p>	<p>(i) PID has developed an application for electronic georeferenced database for tubewells.; and (ii) E-Abiana billing pilot has been rolled out in 3 Canal divisions.</p>	<p>(i) PID has registered 0.5 million tube wells in electronic georeferenced database; and</p> <p>(ii) PID has improved the equity of water distribution for targeted canals with a delivery performance ratio of 0.85.</p>	<p>(i) PID has registered 1.2 million tube wells in electronic georeferenced database; and (ii) E-Abiana billing has been extended in all 61 canal divisions across Punjab; and (iii) PID has made 60% of recovery of <i>Abiana</i> through E-Abiana system until December 2023; and (iv) PID has improved the equity of water distribution for targeted canals with a delivery performance ratio of 0.90.</p>	<p>Meetings with relevant departments / wings, stakeholders and beneficiaries to assess impact on following:</p> <ul style="list-style-type: none"> <li>➤ Impact of Water Policy and Water Act on modernization, policy changes and institutional development and water governance.</li> <li>➤ Impact on better assessment and collection of abiana, shifting to e-abiana system, efficient use of water and financial sustainability (Sample: e-abiana system in 2 canal divisions).</li> <li>➤ Impact on improvement in equitable access and distribution of water in selected canals (Sample: 2 canals).</li> <li>➤ Impact of geo-referencing of tube wells and demarcation / mapping of critical groundwater zones on water resource</li> </ul>
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									development, groundwater regulation and policy changes.
<b>10. Rolling-out an agricultural insurance system</b>	DoAg. has approved the Diagnostic Report assessing the Crop Loan Insurance Scheme and analyzing options for an agricultural insurance coverage*.	(i) DoAg. has developed and adopted a five-year work plan for the rolling out of an agricultural insurance scheme; (ii) DoAg. has piloted an agricultural insurance scheme in at least 2 districts, with an insurance take-up reaching 50,000 policies.	DoAg. has implemented the agricultural insurance scheme in additional Districts to those covered in FY18, with an insurance take-up reaching 250,000 policies sold in FY19.	DoAg. has implemented the agricultural insurance scheme in additional Districts to those covered in FY18 and FY19, with an insurance take-up reaching 500,000 policies sold in FY20.	DoAg. has implemented the agricultural insurance scheme in additional Districts to those covered in FY18 though FY20, with an insurance take-up reaching 750,000 policies sold in FY21.	DoAg. has implemented the agricultural insurance scheme in additional Districts to those covered in FY18 though FY21, with an insurance take-up reaching 800,000 policies sold in FY22.	DoAg. has implemented the agricultural insurance scheme in additional Districts to those covered in FY18 though FY22, with an insurance take-up reaching 1,000,000 policies sold in FY23.	DoAg. has implemented the agricultural insurance scheme in most vulnerable districts, with an insurance take-up reaching 200,000 policies sold in FY24.	<ul style="list-style-type: none"> <li>• Sample Size = 0.5% of total farmers in selected districts of Punjab.</li> <li>• Total Districts = 4 districts (2 from South, 1 North and 1 Central Punjab)</li> <li>• Sample for Field Survey = 20%.</li> <li>• Sample for telephonic interviews = 80%.</li> <li>• Data collection through meetings with relevant department / wings, stakeholders and beneficiaries to assess impact of scheme on ground.</li> </ul>
<b>11. Increasing public investment in Climate-Smart Agriculture (“CSA”)</b>	Punjab’s Assembly has allocated at amount budgeted for agriculture under the ADP for FY18 to investments in CSA*.	-	(A) Punjab’s Assembly has allocated at least 10% of the amount budgeted for agriculture under the ADP for FY20 to investments in CSA; and (B) DoAg. has spent at least 70% of the budgetary resources	(A) Punjab’s Assembly has allocated at least 12% of the amount budgeted for agriculture under the ADP for FY21 to investments in CSA; and (B) DoAg. has spent at least 80% of the budgetary resources	(A) Punjab’s Assembly has allocated at least 14% of the amount budgeted for agriculture under the ADP for FY22 to investments in CSA; and (B) DoAg. has spent at least 80% of the budgetary resources allocated	(A) Punjab’s Assembly has allocated at least 15% of the amount budgeted for agriculture under the ADP for FY23 to investments in CSA; and (B) DoAg. spent at least 80% of the budgetary resources allocated therefor in FY22.	-	-	<ul style="list-style-type: none"> <li>• Sample Size = Select any 3 schemes of different nature categories / investments.</li> <li>• Data collection through meetings with relevant departments / wings, stakeholders and beneficiaries / farmers to</li> </ul>



			allocated therefor in FY19.	allocated therefor in FY20.	therefor in FY21.				measure impact of CSA activities on farmers uptake for climate smart techniques and adoption by small holder farmers and lessons learnt for future interventions.
12. <b>Communications, beneficiary feedback capacity building, and monitoring and evaluation</b>		P&DD has developed a communications strategy for the Program, including beneficiary feedback, and started its implementation.	The Participating Departments have prepared and implemented the FY19 institutional capacity building plan, in a manner and substance acceptable to the Bank.	The Participating Departments have prepared and implemented the FY20 institutional capacity building plan, in a manner and substance acceptable to the Bank.	The Participating Departments have prepared and implemented the FY21 institutional capacity building plan, in a manner and substance acceptable to the Bank.	The Participating Departments have prepared and implemented the FY22 institutional capacity building plan, in a manner and substance acceptable to the Bank.			<ul style="list-style-type: none"> <li>• Meetings with relevant departments / wings, stakeholders and beneficiaries to assess impact on performance and capacity development.</li> </ul>

### SECTION 3: EVALUATION CRITERIA

The minimum qualifying marks is 65

Sr. No.	Criteria	Marks
<b>1</b>	<b>General</b>	
1.1	Legal status of firm (registration with registrar of firm or SECP etc). or registration with relevant body.	Mandatory Criteria
1.2	Registration with FBR (NTN and PRA).	Mandatory Criteria
1.3	Declaration on stamp paper regarding non-black listing/delisting of applicant and all of its practice in Pakistan	Mandatory Criteria
1.4	10 years of working experience in relevant field w.e.f. incorporation of consulting firm	Mandatory Criteria

Sr. No	Criteria	Max. Marks	
1.	<b>Financial Position</b> Average turnover of at least 20 million in last three financial years supported with annual financial statements/ audited statement/bank statement/Income tax return etc.	10	a. Turnover (20 million to 30) Million =05 Marks b. Turnover (31 million to 40) Million=07 Marks c. Turnover (41 Million and above) =10 Marks
2.	<b>Experience:</b> Completion of similar assignments duly supported with documentary evidence i.e; completion certificates / contract agreement/ work orders et.c)	50	3-5 Completed Projects = 35 Marks 6-7 Completed Projects = 40 Marks 8 and above Completed Projects = 50 Marks
3.	Firm's relevant Experience since incorporation	15	10-15 years = 10 Marks More than 15 years = 15 Marks
4.	Firm's Key Team (Brief profile one pager)	25	i. Team Lead=04 Marks ii. Public Sector Experts (Agriculture / Livestock / Irrigation Experts) = 12 Marks

			iii. Senior Analyst=03 Marks iv. M&E Expert=03 Marks v. Field Survey Coordinator=03 Marks
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**Format of CURRICULUM VITAE (CV) FOR PROPOSED EXPERTS**

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1. **Proposed Position** [*only one candidate shall be nominated for each position*]:

\_\_\_\_\_

2. **Name of Firm** [*Insert name of firm proposing the staff*]: \_\_\_\_\_

\_\_\_\_\_

3. **Name of Staff** [*Insert full name*]: \_\_\_\_\_

4. **Date of Birth:** \_\_\_\_\_ **Nationality:** \_\_\_\_\_

5. **CNIC No** (if Pakistani): \_\_\_\_\_ **or Passport No:** \_\_\_\_\_

6. **Education :**

<b>Degree</b>	<b>Major/Minor</b>	<b>Institution</b>	<b>Date (MM/YYYY)</b>

7. **Membership of Professional Associations:** \_\_\_\_\_

8. **Other Training** [*Indicate significant training since degrees under 6 - Education were obtained*]: \_\_\_\_\_

\_\_\_\_\_

9. **Languages** [*For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing*]:

\_\_\_\_\_

10. **Employment Record** [*Starting with present position, list in reverse order every employment held by staff member since graduation, giving for each employment (see format here below): dates of employment, name of employing organization, positions held.*]:

<b>Employer</b>	<b>Position</b>	<b>From (MM/YYYY)</b>	<b>To (MM/YYYY)</b>


**11. Detailed Tasks Assigned** [*List all tasks to be performed under this assignment*]

**12. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned**

[*Among the assignments in which the staff has been involved, indicate the following information for those assignments that best illustrate staff capability to handle the tasks listed under point 11.*]

Name of assignment or project: \_\_\_\_\_

Year: \_\_\_\_\_ -do-  
\_\_\_\_\_

Location: \_\_\_\_\_

Client: \_\_\_\_\_

Main project features: \_\_\_\_\_

Positions held: \_\_\_\_\_

Activities performed: \_\_\_\_\_

**13. Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Date: \_\_\_\_\_  
*[Signature of staff member or authorized representative of the staff]*  
*Day/Month/Year*

Full name of authorized representative: \_

**Annexure-A1: Format for Power of Attorney**

**(On a Notary / Stamp Paper of Appropriate Value)**

Know all men by these presents, we \_\_\_\_\_ (name and address of the registered office) do hereby constitute, appoint and authorize Mr./Ms. \_\_\_\_\_ (name and address of residence) who is presently employed with us and holding the position of \_\_\_\_\_ as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our EOI for **“Impact Assessment / evaluation of Interventions under the Strengthening Markets for Agriculture & Rural Transformation (SMART) Program”**., including signing and submission of all documents and providing information/ responses to Program Implementation Unit, P&D Board, representing us in all matters and generally dealing in all matters in connection with our proposal for the said project.

We hereby agree to ratify all such acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all such acts, deeds and things awfully done by our aforesaid attorney shall and shall always be deemed to have been done by us.

**For -----  
(Signature)  
(Name, Title and Address)  
Applicant seal & stamp**

**Important Notes:**

1. *To be executed by all members of the Consortium duly supported .by a Board Resolution*
2. *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.*
3. *Also, where required, the executants(s) should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.*



**ANNEXURE B1: EXPERIENCE FORM**

*[Using the format below, provide information on each project for which your firm, was legally contracted as a corporate entity or as one of the major members within an consortium, for carrying out project similar to the ones requested under this Assignment. Use maximum 20 pages. Please provide Client’s certification and/or evidence of the contract agreement.]*

Project name:	Value of the agreement (in current PKR):
Country: Location within country:	Duration of project (months):
Name of Client:	Total No. of staff-months (by your company) on the project:
Start date (month/year):  Completion date (month/year):	Value of total project provided under an agreement (in current PKR)  In case of consortium, value of part of the project provided by Applicant under the agreement (in current PKR):
Name of associated members, if any:	No. of professional staff-months provided by associated members:
Name of senior professional staff of your company involved and functions performed (indicate most significant profiles etc):	
Narrative description of Project:	
Description of actual services provided by your staff within the assignment:	

**Note:**

- 1. Only the eligible projects that satisfy technical criteria shall be included.*
- 2. All the Financial numbers are to be given in Pak Rupees*
- 3. The format shall be filled up for each member of the consortium and as a cumulative experience for the consortium*

(Signature of Authorized Signatory)

**Applicant seal & stamp \_**