**World Bank-IFC Pakistan Office – Oxford Pakistan Programme Partnership**

 **November 30, 2022 – January 30, 2023**

**Short –Term Consultant (STC): Manufacturing, Agribusiness and Services,**

**International Finance Corporation**

**Terms of Reference,** **Research Analyst**

The Manufacturing, Agribusiness and Services (MAS) advisory group of the International Finance Corporation, private sector arm of the World Bank Group, is studying the causes and remedies for huge postharvest losses of fruits and vegetable crops in Pakistan. Our study ‘Agro-processing deep dive opportunity analysis (2021)’ revealed that lack of upstream processing of fresh fruits and vegetables is a major cause of agri sector inefficiencies. There is a need to study fresh crop supply chains from farms to fork to assess qualitative and economic extent of postharvest losses at each level / step of supply chain. The information thus collected will be compared with various fresh crop supply chains in developed countries to identify gaps and improvement opportunities. The outcome will be used as foundation knowledge for IFC’s project development in agriculture landscape in Pakistan.

**Duties and Accountabilities:**

The IFC MAS team in Pakistan is seeking to recruit an intern to help build basic knowledge base on fresh crop postharvest losses across various stages of supply chain. Depending on the qualification, the intern will focus on one or more of the following:

* *Study fresh crops postharvest losses to identify their causes at each step of supply chain.*
* *Stage-wise economic extent of postharvest losses*
* *Benchmark fresh crop supply chain models – one each from developing and developed countries*
* *Potential of agro-processing industry and contract farming in reducing postharvest losses*
* *Two crops each from fruit (apple and citrus) and vegetable (tomato and onion) will be used as examples*
* *Desktop research into the current state of development banana fiber in Pakistan.*
* *Support the team to identify the stakeholders in research & development in extracting fiber from banana waste*
* *Study the impact of Katchi canal on bringing virgin or less utilized cultivable land into organic cotton cultivation*

**Qualifications:**

* Candidates should have a graduate degree in Economics for development, ideally with some experience in economics related to the agriculture sector.
* Candidates with experience in applied modeling, statistical analysis, and spatial economics preferred.
* Ability to convey results of applied modeling work to non-technical audiences.

**Application and Selection Process:**

This is a pilot phase of partnership program at the World Bank Group Pakistan Country Office where up to 9 interns will be selected to work with us in a hybrid mode. This pilot phase is being implemented initially with 20 universities across the Pakistan in partnership with the Oxford Pakistan Program. In Phase 2 scheduled to start in March/April 2023, the program will expand to include all universities in Pakistan.

Each applicant can only apply for one advertised position. Shortlisted applicants will be interviewed, and one candidate will be selected per position.