

**State of Maharashtra's Agribusiness and Rural Transformation
(SMART) Project
Consultancy Services for Environmental and Social Assessment (ESA)
for SMART Project
Expressions of Interest**

Government of Maharashtra intends to implement the World Bank assisted SMART project with its partner agencies for bringing transformation in the agribusiness sector and strengthen the agri-value chains on PPP mode across the State.

As per the World Bank Group's Operational Policies on ESA, to support the environmentally and socially sound project investment and interventions, SMART Project Management Unit (PMU) requires service of a Reputed Consultancy Firm to conduct assessment and prepare a report on ESA. The SMART PMU invites applications from the eligible Consultants to indicate their Interest in providing the given Consultancy Service.

The details about the project, ESA assignment, and shortlisting criteria's of the firms are available in the REOI and ToR documents placed in the Procurement & Tenders section of the website: www.smart-mh.gov.in/en (a copy annexed herewith). The interested firms can send the hard copy with a soft copy in CD/Pen drive of their application with the subject line of the captioned consultancy service on top of a sealed envelope to the address mentioned below by 11.02.2019 up to 1730 hours.

The Project Director,

State of Maharashtra's Agribusiness and Rural Transformation (SMART) Project
LDB Building, Plot No. F/E/78, 01st Floor, Market Yard, Gultekdi, Pune- 411 037
(Maharashtra).

Website: www.smart-mh.gov.in/en

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REQUEST FOR EXPRESSIONS OF INTEREST (REOI) – CONSULTING SERVICES-FIRM SELECTION

Country: India

Name of Project: State of Maharashtra's Agribusiness and Rural Transformation (SMART) Project

Project Number: P168310

Assignment Title: Consulting Services for Environmental and Social Assessment (ESA) for the SMART Project.

Reference No: SMART/PCMU/CS/01/2018-19

The Republic of India has applied for financing from the World Bank toward the cost of the implementation of the SMART project to be implemented by the Govt. of Maharashtra and intends to apply part of the proceeds for the abovementioned consulting services.

Brief Background: Government of Maharashtra has launched State of Maharashtra's Agribusiness and Rural Transformation (SMART) Project in order to transform agriculture and livelihoods sector in Maharashtra assisted by World Bank. This project aims to revamp agricultural value chains, with special focus on marginal farmers across 1,000 villages of Maharashtra aligned with the Government of India's efforts towards doubling of farmers' income by 2022. The objectives of the project is to support development of inclusive and competitive agriculture value chains focusing on smallholder farmers and agri-entrepreneurs in Maharashtra. This would be achieved by expanding access to new and organized markets for producers and enterprises with complementary investments in provision of technical services and risk management capabilities. The broader project interventions identified are expanding of market access of the producers and entrepreneurs to a range of technical and business development services to strengthen risk mitigation measures to respond to commodity-price fluctuations and agriculture sector crises and build the State capacity for evidence-based agribusiness reforms.

Objectives of the ESA Assignment:

To identify the key Environmental and Social Issues and Challenges in relation to the proposed project locations, activities, interventions and the related climatic vulnerabilities, a detailed Environment and Social Assessment (ESA) is to be conducted. It would involve carrying out of assessment studies but the same would not be limited to conducting only the field visits, stakeholder consultations, and review of literature.

The ESA will include and guided by the following points:

1. **Development of Environmental and Social Baseline(s):** Consultants will prepare baseline of the key environmental and social parameters, including but not limited to usage of agrochemicals, practice of organic farming, irrigation practices, food safety, health, hygiene, use of solar energy in agro-processing, presence of indigenous people (tribal), socio-economic status of direct project beneficiaries at the community level, land holding pattern, etc. While secondary data will be collected for baselines, wherever necessary; limited primary data collection may be done.

Keeping in view the scope of the given study and its related timeline, representative 100 samples of different abovementioned indicators should be selected from the 09 agro-climatic zones of Maharashtra. The villages selected should represent all the nine agro-climatic zones of Maharashtra and cover Community Based Organizations (FPCs, CLFs, PACS, CMRCs), SC and ST population, adequate gender representation (women), etc.

Social Assessment of rural households should be done to assess the patterns of asset ownership, livelihoods, access of excluded groups to goods & services, etc. to identify and suggest interventions to increase the acceptability of the SMART project interventions. Social development outcomes of the assessment exercise should focus on poverty reduction, equity and inclusion, strengthening of social capital and social cohesion, and promotion of accountable and transparent governance, as well as suggest measures to mitigate adverse impacts arising out of the project.

2. **Review of the Legal and Policy Environment:** The existing legal and policy environment of Government of India and Govt. of Maharashtra will be reviewed in relation to their applicability to the project interventions, investments and compliance to the World Bank's Environment and Social Safeguards Policies (OP 4.01 - Environmental Assessment, OP 4.09- Pest Management, OP 4.10 - Indigenous Peoples and OP 4.12 - Involuntary Resettlement).

The Key Policies, Laws, and Regulations of Central and State Government that may be applicable to the project are but not limited to National Environment Policy 2006, National Water Policy 2012, Policy on Abatement of Pollution 1992, National Conservation Strategy & Policy on Environment & Development 1992, The Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981. Further applicability and compliance of the Environment (Protection) Act, 1986, The Solid Waste Management Rules, 2016, Insecticides Act, 1968 and Insecticides Rules, 1971, Forest Rights Act 2006, Water Policy 2003 of Government of Maharashtra, Maharashtra Felling of Trees (Regulation) Act, 1964 and Guidelines for Tree Felling and Transit Permission, 2017 etc. needs to be ascertained.

3. **Analysis of GHG Footprint and Climate Risks of Select Value Chains:** Based on the agreed sample value chains, the consultants will estimate the current GHG emissions and climate footprint of the selected value chains and suggest measures to lower it along the same. The resultant findings would be crucial and act as one of the key basis to estimate Statewide Overall GHG Footprint and Climate Risks of the SMART project.
4. **Improve the Aspects of Food Safety Standards:** Based on a Consultative dialogue with the food industries and consumers, consultants will assess key issues and gaps in existing capacities for improving the adoption of food safety standards in the agribusiness sector.
5. **Stakeholder Consultations:** The consultants will carry out detailed and in-depth consultations with all the stakeholder (direct community level beneficiaries, men and women farmers, CBOs, agri-business enterprises of varying sizes, consumers, State Government Departments, etc.) and prepare stakeholder feedback report with photographs and short videos. These consultations will cover key challenges and issues faced by these entities and possible solutions and recommendations suggested by the stakeholders.

6. **Developing an Environment and Social Management Framework (ESMF):** Based on the ESA, the consultants will develop an ESMF covering all the identified potential impacts and risks and proposed mitigation actions, along with a monitoring framework and capacity building needs of the SMART project.
7. **Develop Project Specific Strategies and Plans:** The consultants will develop the following project specific strategies and plans – Gender Strategy, Planning Framework, Stakeholder Engagement Plan, Pest Management Plan and Food Safety Strategy. Based on the ESA, additional strategies may need to be developed. Additional strategies, such as, health, hygiene and safety management plan, periodic and regular cleaning protocol for production and aggregation units, system for periodic third-party inspection and certification of participating units, self-declaration protocols etc.

Estimated Level of Effort (Professional Staff-Months): 05 Months

Implementation Period: 03 Months

Expected Start date of Assignment: 01-03-2019

The SMART PCMU now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

The shortlisting criteria’s for the selection of an agency for the ESA assignment will involve review of information on:

- a) **Details of the Consultancy Organization:** The information related to the legal status, nature of core business of firm and a minimum of five years’ of experience in providing technical and manpower services to Government/Semi Government, Multilateral /Bilateral projects with documentary evidence.
- b) **Qualifications and Experience of the Consultancy:** Organization in the field of the assignment along with published brochures, description of similar assignments performed with details of clients, experience in similar conditions, etc. Experience in the field of conducting Environmental and Social Assessment for Agriculture, Natural Resource Management and Agri-Business Projects would be preferred.
- c) **Number of Manpower provided in the Preceding Three Financial Year:** Minimum requirement of up to 10 number of deployment in the projects related to NRM and agriculture and allied sector.
- d) **Financial Capability of the Consultancy Organization:** Annual Turnover, Gross Income, etc. as per Annual Reports - Average annual turnover of INR 1 Crore or more in preceding three financial years (FY 2015-16, FY 2016-17 and FY 2017-18). The firm shall submit audited balance sheet for the same.

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank's "Procurement Regulations for IPF Borrowers", July 2016 Revised November 2017 and August 2018. In addition, please refer to the following specific information on conflict of interest related to this assignment "a firm that has been engaged by the borrower to provide consultancy services for preparation or implementation of a project shall be disqualified from subsequently providing Goods, Works, Non-Consultancy Services resulting from, or directly related to those consultancy services".

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A Consultant will be selected in accordance with the Selection Based on Consultant Qualification-based Selection (CQS) method set out in the World Bank's Procurement Regulation for IPF Borrowers, July 2016, Revised in November 2017 and August 2018.

Further information can be obtained at the address below during office hours [1000 to 1730 hours].

Interested Consultant may submit "Expression of Interest" in a sealed envelope clearly superscripted as expression of interest for "Consulting Services for Environmental and Social Assessment (ESA) for the SMART Project" by **11.02.2019 upto 1730 hours.**

**-Sd-
Project Director, SMART**

Address:

Project Director,
SMART,
F/E, 78, LDB Training Center Building,
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Pune- 411 037.
Maharashtra, India.

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**Terms of Reference (ToR) for
Environmental and Social Assessment (ESA)
For
State of Maharashtra's Agribusiness and Rural Transformation (SMART)
Project**

I. Background and Rationale:

Maharashtra has widespread dependence on agriculture with 55 % of its total population directly or indirectly dependent on this sector (Niti Aayog). The State accounts for 11.81% of the India's Gross Cropped Area (GCA), contributes 13.31 % to the country's GDP and 11 % to its own income. Agriculture has grown at an annual average rate of 6.4 % from 2004-05 to 2011-12 in the State. Maharashtra's share in Indian food processing is about 13 %. However, the sector is yet to harness the full potential in terms of contribution to GDP, job creation and addressing challenges posed by socio-environmental and climate change factors. The present agricultural production system in Maharashtra lacks in aggregation by the farmers themselves leading to rent seeking by a long chain of intermediaries. For favoring market led strategy conducive to farmers, there is pressing need to facilitate aggregation of farm produce through the development of producer organizations and provide them market linkage through end-to-end solutions in Public-Private Partnership (PPP) mode.

Govt. of Maharashtra aims to implement SMART Project¹ to revamp agricultural value chains, with special focus on small and marginal farmers across the State aligned with the Government of India's efforts towards doubling of farmers' income by 2022.

The proposed Project Development Objective (PDO) is:

“To support the development of inclusive and competitive agriculture value chains, focusing on small holder farmers and agri-entrepreneurs in Maharashtra”.

This will be achieved by expanding access to new and organized markets for producers and enterprises with complementary investments in technical services and risk management capabilities”. The project is expected to benefit approximately 2000 FPOs of the State through the development of the productive partnerships between them and private entities, MSMEs, start-ups, etc.

II. Key Project Components:

Component 1: Supporting Enterprise Growth and Expanding Market Access

The objective of this component is to enhance provision of relevant Technical and Business Development Services (BDS) to agribusiness enterprises, improve both domestic, and export market access. This component will include the following activities:

¹ <http://www.smart-mh.org/en>

- a) Provide a range of technical services to agri-enterprises and CBOs including product development and quality; food safety and traceability; assistance for developing business plans and commercial loan applications; adoption of new technologies; and skills training.
- b) Financing Market Access Plans for CBOs and agri-enterprise associations including support to meet domestic/global food quality standards.
- c) Productive Partnership for supporting linkages between CBOs and lead commercial buyers.
- d) Scaling up export-linked clusters through support for adoption of elite planting materials, and implementation of Good Agricultural Practices Standards at the cluster-level.
- e) Supporting increased testing and technical service provision to improve food safety standards at the regional level.
- f) Pilot program on urban food systems to effectively link agricultural production in surrounding areas to the selected cities.

Component 2: Building Risk Mitigation Mechanisms

The objective of this component is to enhance capacity to respond to commodity-price fluctuations and agriculture sector crises; develop access to timely information on markets and productions trends and enhance access of producers to financing and hedging instruments. This component will include the following activities:

- a) Systematic monitoring and reporting of crop production and yields; price forecasting for key commodities; and disseminating this information widely.
- b) Setting up a Crisis Response Cell within the Department of Agriculture to proactively respond to rapid price fluctuations and agricultural distress.
- c) Expand use of Warehouse Receipt Financing through improved quality and management of notified warehouses, and assisting producers with using the financing instrument.

Component 3: Enhancing Institutional Capacity for Agribusiness Reforms

The objective of this component is to support the State in conceiving and implementing an evidence-based agribusiness support reform program; and to better manage risks arising from integration into global markets. This component will include the following activities:

- a) Research, evaluations and monitoring mechanisms of reform efforts.

- b) Training and capacity building of staff of concerned government departments.
- c) Setting up Agribusiness Stewardship Councils to coordinate actions to increase competitiveness of key commodities.

Component 4: Project Management, Monitoring and Evaluation

This component will strengthen capacities for Project Management, Monitoring and Evaluation (M&E) (including, inter alia, the areas of procurement and financial management) through the provision of goods, consultant services, training, and financing of incremental operating costs.

III. Objective of this Assignment:

The purpose of this consultancy work is to:

- (i) Conduct an Environment and Social Assessment (ESA) to identify and assess potential environmental and social impacts and risks in the implementation of the SMART project and;
- (ii) Based on the findings of the ESA, prepare an Environment and Social Management Framework (ESMF), to avoid, minimize and mitigate potential adverse environmental and social impacts of the project's proposed interventions and enhance the potential positive environmental and social impacts of the project interventions.

IV. Scope of Work and Outline of Key Activities:

1. Environmental and Social Assessment (ESA): The consultant(s) will conduct an environment and social assessment to identify key environmental and social issues, challenges and risks with regard to the proposed project activities and locations. This assessment will be undertaken in nine Agro-Climatic Zones of Maharashtra under the SMART Project. The ESA shall be prepared after conducting field visits/primary survey to a sample of proposed sites and a thorough review of literature and collection of secondary data. Moreover, during field visits, stakeholders and beneficiaries will be consulted in every location to understand their needs and concerns and how the project can address these better. The ESA will include:

- a) **Environmental and Social Baseline(s):** Consultants will prepare baseline of the key environmental and social parameters, including but not limited to usage of agrochemicals, practice of organic / low input farming, irrigation practices, food safety, health, hygiene, use of solar energy in agro-processing industries, presence of indigenous people (STs), socio-economic status of direct project beneficiaries at the community level, land holding pattern, etc. Consultants should propose additional parameters, as may be required. While secondary data will be collected for baselines, wherever necessary; limited primary data collection may be undertaken.

Keeping in view the scope of the given study and its related timeline, viz., 03 Months; representative 100 number of samples of different abovementioned indicators should be selected from the 09 Agro-Climatic Zones of Maharashtra.

The sites selected for developing baselines should represent all nine agro-climatic zones of Maharashtra and cover all stakeholders such as Community Based Organizations (FPCs, CLFs, PACS, CMRCs)², SC and ST population with adequate gender representation (women).

- b) **Social Assessment:** Social Assessment of rural households should be done to assess the patterns of asset ownership, livelihoods, access of excluded groups to goods & services, etc. to identify and suggest interventions to increase ownership of the SMART project interventions. Social development outcomes of the assessment exercise should focus on poverty reduction, equity and inclusion, strengthening of social capital and social cohesion, and promotion of accountable and transparent governance, as well as suggest measures to mitigate adverse impacts anticipated from project activities.

- c) **Review of the Legal and Policy Environment:** With respect to the proposed project interventions, the consultants will review the existing legal and policy environment of Government of India³ and Govt. of Maharashtra⁴ in relation to their applicability to the proposed project interventions, investments and compliance. The Consultants will also review the applicability of the World Bank's Environment and Social Safeguards Policies (OP 4.01 - Environmental Assessment, OP4.03 - Performance Standards for Private Sector Activities, OP4.04 – Natural Habitats, OP 4.09- Pest Management, OP 4.10 - Indigenous Peoples and OP 4.12 - Involuntary Resettlement, etc.). Identify which of the environmental and social laws are applicable to the project along with the World Bank's safeguards policies⁵ triggered by the project and provide adequate justification as well as ensure that mitigation measures and actions are included in the ESMF to meet the requirements of the triggered policies.

- d) **Analysis of GHG Footprint and Climate Risks of Select Value Chains:** Based on the agreed sample value chains, the consultants will estimate the current GHG emissions and climate footprint of the selected value chains and suggest measures to lower it along the same. The resultant carbon estimate findings would be crucial and act as one of the key basis to estimate Statewide Overall GHG Footprint and Climate Risks of the SMART project.

² [FPC- Farmer Producer Company, CLF- Cluster Level Federation, PACS- Primary Agricultural Credit Society, CMRCs- Community-managed Resource Centers](#)

³ <http://www.envfor.nic.in/legis/legis.html>

⁴ <http://www.landsofmaharashtra.com/landrelatedlaws.html>

⁵ <https://www.worldbank.org/en/projects-operations/environmental-and-social-policies>

- e) **Stakeholder Consultations:** The consultants will carry out detailed and in-depth consultations with all the stakeholder (direct community level beneficiaries, men and women farmers, CBOs, agri-business enterprises of varying sizes, consumers, State Government Departments, etc.) and prepare stakeholder feedback report with names of participants, photographs and short videos. These consultations will cover key challenges and issues faced by these entities and possible solutions and recommendations suggested by the stakeholders.
 - f) **Assess Food Safety Standards:** Based on a Consultative dialogue with the food industries and consumers, consultants will assess key issues and gaps in existing capacities for improving the adoption of food safety standards in the agribusiness sector. This should include a comparison with the India Gap Standards and Maximum Residue Level (MRL). The Consultant/s will identify and list the commodities for which food safety standards are available and also those commodities that are traded but do not currently have any standards⁶.
 - g) **Identify Environmental Impacts and Risks:** Based on historical trends and field-based observations, stakeholder consultations and overall findings of the ESA, consultants will identify potential and likely environmental adverse risks and impacts of the proposed project activities (for devising mitigation measures). Both short-term and long-term as well as direct and indirect impacts and risks needs to be identified.
 - h) **Assess capacity of proposed PMU to respond to identified environmental and social risks and impacts:** The consultants will assess the adequacy of the proposed PMU and other institutional arrangements for implementation of the SMART project in addressing identified environmental and social risks and impacts and suggest measures to strengthen such capacity.
- 2. Environmental and Social Management Framework (ESMF):** Based on the findings of the ESA, the consultant/s will develop an ESMF that lists all identified potential impacts and risks and proposed mitigation actions, along with a monitoring framework for each risk and action. It will include, among others:
- a) **Impacts and Mitigation Action:** Based on the identified impacts and risks, develop implementable and practical mitigation actions to address/reduce/reverse adverse environmental and social impacts against each of the identified (in the ESA) adverse environmental impacts and risks. Mitigation measures could be at the level of policy, mainstreamed into project design, capacity development and/or implemented as stand-alone;

⁶ <https://www.ifc.org/wps/wcm/connect/c7bfaf0048855482b314f36a6515bb18/Final%2B-%2BFood%2Band%2BBeverage%2BProcessing.pdf?MOD=AJPERES>

- b) **Measures for Enhancing Positive Environmental and Social Outcomes:** Suggest appropriate measures to enhance positive environmental and social impacts, such as, arising from the use of improved production processes that reduces use of water, electricity and other natural resources, improve ventilation of the production unit to ensure that employees work in safe ambient temperatures, use of easily degradable packaging materials, on the environment side; and ways to include more female beneficiaries at the higher end of the value chain and to involve members from marginalized sections on the social side;
- c) **Negative List:** A negative list of activities having significant, long-term and irreversible adverse impacts will be prepared that will not be supported through project investments;
- d) **Specific Strategies and Plans:** The consultants will develop the following project specific strategies and plans – Gender Strategy, Planning Framework, Stakeholder Engagement Plan, Pest Management Plan and Food Safety Strategy. Based on the ESA, additional strategies may need to be developed. Additional strategies, such as, health, hygiene and safety management plan, periodic and regular cleaning protocol for production and aggregation units, system for periodic third-party inspection and certification of participating units, self-declaration protocols etc., may be prepared, as required based on the findings of the ESA;
- e) **Implementation Arrangements for ESMF:** Suggest, in proportion to the identified risks and impacts, institutional and implementation mechanisms, including the requirement of qualified staff(s) with clear roles and responsibilities for implementing the proposed mitigation actions at all stages of the project, including measures for integration in designing of sub-projects;
- f) **Monitoring Plan:** Provide a list of measurable indicators for monitoring the performance of agreed mitigation actions during project implementation, including the methods of measuring, frequency and responsibility of reporting;
- g) **Capacity Enhancement:** Suggest measures, including trainings, for strengthening the Project Management capacity to implement, monitor, document and report on the various provisions of the ESMF;
- h) **Clauses for Inclusion in Bid Documents:** The ESMF should be able to provide a list of potential clauses related to food processing units that shall be integrated/incorporated into the bidding/contract documents and/or loan appraisal documents of financial institutions participating in this project, as may be required based on the size and nature of civil contracts;

- i) **National and International Good Practices:** Prepare a list of international good practices and sustainability initiatives developed, adopted and practiced by private sector related to contract farming, Farmer Producer Organizations/Companies, upgradation and upkeep of the food processing units; and
- j) **Specific Studies:** Based on the findings of the ESA and the coverage of ESMF, suggest a list of specific studies that shall be taken up under the project for increasing the understanding of the issues and/or for developing strategies to address challenging issues related to the project's policy, regulatory and operational aspects; and
- k) **Budget for ESMF:** Based on the suggested mitigation actions, staff and human resource requirements, monitoring and capacity building needs, the consultants will propose a financial budget for implementing the ESMF.

Expected Outputs:

- a) Comprehensive report on Environmental and Social Assessment (ESA);
- b) A detailed Environmental and Social Management Framework (ESMF) with implementation matrix giving roles and responsibilities;
- c) Project specific strategies and plans – Gender Strategy, Indigenous People's Planning Framework, Resettlement Action Plan, Stakeholder Management Plan, Pest Management Plan and Food Safety Strategy and Employee Health, Hygiene and Safety plan.
- d) Any other plan that may be required as per the findings of the ESA and required for ESMF.

Team Composition for ESA and ESMF

At a minimum, the consultants will deploy the following experts. The consultants are encouraged to suggest additional technical resources for conducting the ESA and preparing the ESMF.

- a) **One Team Leader:** A graduate in Environmental Science/Engineering or related discipline. S/he should have experience of at least 10 years in preparing environmental and social management plans and frameworks in natural resource sector, agriculture and farm level interventions, food processing and/or related aspects. Prior experience of working on projects supported by multi-lateral/bilateral funding agencies such as the World Bank, ADB, etc. Knowledge and experience in working for environmental compliance of the World Bank's projects is desirable.
- b) **One Environmental Management Expert:** A graduate in Environmental Science/Engineering or related discipline. S/he should have experience of at least 05 years in environmental assessment of projects, particularly related to agriculture sector.

Preference shall be given to persons with experience of working on projects supported by multi-lateral/bilateral funding agencies such as the World Bank, ADB, etc. Knowledge and experience in working for environmental compliance of the World Bank's projects is desirable.

- c) **One Social Development Expert:** A graduate in social sciences with at least 05 years of prior experience in designing and conducting field based primary surveys and multi-stakeholder consultations. S/he should have experience of conducting social assessments for World Bank, or other multi/ bi-lateral agencies, for large-scale projects; understanding of social safeguard policies and their triggers. Sound understanding of social and gender issues around enterprise development; and livelihoods related to inclusion, restrictions/ access, ownership, rights, participation, governance, social conflicts, accountability and benefit sharing. S/he should preferably have knowledge and experience in working and understanding of the State's social context and handling community based NRM / livelihoods issues.
- d) **Gender Expert:** Graduate in social science with five years' research and experience in gender related issues; familiar with current discourse on gender issues, and knowledge in designing, monitoring and evaluating gender and inclusion projects in development.
- e) **One Agro-Food Processing Industry Expert:** A graduate in science/engineering, preferably from food processing related discipline. S/he should have at least 08 years of prior experience in food processing sector with familiarity of FSSAI functioning, requirements and related aspects.
- f) **One Quality Assurance Expert:** A graduate in science/engineering with at least 05 years of prior experience in working on quality assurance, preferably in food processing sector. Familiarity with food safety standards is essential.

V. Timeline of Deliverables:

Milestones for ESMF Study	Timelines (from issuance of Contract)
Inception Report for ESA with detailed field visit schedule and stakeholder consultation plan; the inception report should include data collection instruments	01 st -02 nd Week
Field visits and stakeholder consultations	02 nd -05 th Week
Draft ESA report with ESMF	06 th -07 th Week
Draft ESMF and consultation workshops	08 th Week
Final ESMF Report along with all data collected for writing the reports	09 th -10 th Week
A power-point presentation of the final ESA and ESMF reports	11 th -12 th Week
Need Based Changes	13 th -14 th Week onwards

Please Note: The Implementation period of the given assignment shall be of 03 to 03.10 Months (approx. 13-14 Weeks)

Annexure 1: ESA Exercise to be carried out Covering Selected Indicators (mentioned above) and taking representative samples from the 09 Agro-Climatic Zones of Maharashtra under the SMART Project

