**TERMS OF REFERENCE (TOR) FOR SUCHANA
SEMI-ANNUAL SURVEY 2021**

# **BACKGROUND OF SUCHANA**

The Suchana programme is a six-year project with an objective of reducing chronic malnutrition among children in the first 1,000 days of their lives. It has been implementing since 2015 in 20 Upazilas under Sylhet and Moulvibazar districts of Bangladesh. It adopts an integrated approach combining the nutrition specific and nutrition sensitive interventions and aims to develop a sustainable and replicable model that could be scaled up in the future. Suchana is funded by the Foreign and Commonwealth Development Organization (FCDO) and the European Union (EU) and is being implemented by a consortium of eight partners under the leadership of Save the Children International Bangladesh Country Office (SCiBD), including Technical Partners (TP) - Save the Children, International Development Enterprises (IDE), WorldFish, Helen Keller International (HKI); Implementing Partners (IPs) - CNRS, RDRS, and FIVDB; and research Partner - ICDDR.B.

Suchana has three broader outcomes including 1) HH food security status (HH dietary diversity and consumption of nutritious food) improved and sustained through GoB and market systems, 2) Improved IYCF and MCHN practices and improved systems to sustain changed practices and 3) Strengthened coordination and governance for multi-sectoral nutrition Programs at national & sub-national levels.

The first sub-component of outcome 1 is the implementation of market-led income generating activities (IGAs) stream with start-up investment grants. IGA focuses primarily on increasing household access to sufficient nutritious food through increased income and production for consumption to prevent chronic malnutrition and reduce the incidence of stunting. The IGA stream consists of a number of complementary activities - household (HH) selection, IGAs selection, livelihood grant, associated technical training, and market linkages development.

The second sub-component is designed to support homestead production of nutritious food (HFP), primarily for domestic consumption, but also to support income generation by selling surplus produces. Within the HFP sub-component, there are two major sub-groups especially HFP-Aquaculture and HFP-Poultry. Both the sub-groups are provided with training and technologies to grow homestead food production that will ensure protection against sudden and seasonal climatic shocks. These activities are expected to assist the beneficiary households (BHHs) to be connected with input and output market actors such as suppliers (quality seed, seedlings, fingerlings, fertilizer, etc.) and service providers, buyers, retailers, and traders.

# **OBJECTIVES OF SURVEY**

The main objective of the current semi-annual survey is tracking the performance of phase 3 and phase 4 beneficiaries only with a set of indicators for the senior management to take an informed decision. The key focus of these indicators is measuring the results under outcome 1 of Suchana and analyzing them to determine whether the programme is on course to achieve its objectives. This survey will be used to track progress from previous semi-annual survey conducted in 2020.

The specific objectives of the semi-annual survey are:

* To report results against some of the relevant performance indicators included in the Suchana logical framework **(Annex 1)** that highlights the efficiency and effectiveness of IGA interventions of the project
* To examine the relevancy and efficacy of IGAs in the context of climate resilience, inclusiveness, and gender
* To measure profits by sub-components against different types of the Suchana assigned IGA for the very poor beneficiaries
* To determine the impact of IGAs in the improvement of livelihood of Suchana beneficiaries
* To assess the impact of COVID on the IGAs and identify alternative coping mechanisms to mitigate the adverse conditions
* To generate food and non-food related income and expenditure related information
* To compare results of current semi-annual results with previous semi-annual surveys results
* To identify adoption of climate resilient and improved technologies in different sub-components
* To generate evidence to create discussion among the consortium to ensure interventions can be re-calibrated as required for maximum impact on the ground. This feedback loop will enable management to ‘course-correct’ from an informed position.

# **SURVEY LOCATION AND POPULATION**

The semi-annual survey will be conducted in Suchana project areas which are spread in 20 Upazilas of Sylhet and Moulvibazar districts under phase 3 and phase 4. It is to be noted that Unions under each Upazila are included in the project phase wise (see Figure 1). Thus, every year Suchana works with new BHHs from new Union within same Upazilla. Currently, Suchana is working with 99,482 BHHs in 70 unions; 36,845 BHHs under 29 unions in phase 3, and 62,637 BHHs under 41 unions in phase 4. By phase, Suchana reached up to 235,000 BHHs during its life cycle.

**Figure 1: Suchana phases with target BHHs and timeline**

|  |
| --- |
| Suchana BHH Distribution  |
| PhasesUnions | Learning Phase | Year 1 (2017) | Year 2 (2018) | Year 3 (2019) | Year 4 (2020) | Year 5(2021) | Year 6(2022) |
| LP------🡪(12 unions) | 14,714 | \* | \* |  |  |  |  |
| Phase 1--------------🡪(40 unions) | 63,145 | \* | \* |  |  |  |
| Phase 2-------------------------------🡪(36 unions) | 58,238 | \* | \* |  |  |
| Phase 3-----------------------------------------------🡪(29 unions) | 36,845 | \* | \* |  |
| Phase 4----------------------------------------------------------------🡪(40 unions) | 62,637 | \* | \* |
| 157 unions (adjusted) | 14,714 | 77,859 | 136,097 | 158,228 | 157,141 | 98,903 | 62,058 |

In addition to the overall characteristics “poor” and “very poor”, Suchana beneficiary households are also targeted in 2 separate categories by a woman of reproductive age (15 to 45) or an unmarried adolescent girl 15 to 19. There are also specific targets and interventions for each category of BHHs. For example, Suchana is carrying out social behaviour change interventions targeting households with young children to increase exclusive breastfeeding for the infant under six months old, supplementary feeding with dietary diversity for children beyond six months old, and vitamin A supplementation for all children. It is also campaigning on the legal age of marriage and the consequence of early pregnancies to stop early marriage of adolescents. In addition to that, a selected number of all these beneficiaries are assigned to an Income Generating Activity (IGA). According to project MIS, 14,738 BHHs of phase 3 and tentatively 25,054 BHHs of phase 4 were assigned to 20 categories of IGAs. The remaining BHHs are considered as Non-IGA beneficiaries who are involved in Homestead Food Production (HFP). There are 2 sub-groups in Non-IGA/HFP beneficiary group – i) Horticulture & Aquaculture and ii) Horticulture & Poultry. In addition to consumption, HFP beneficiaries are also selling surplus produces (e.g, vegetables, fish, and poultry products) for income generation.

# **SURVEY DESIGN AND METHODOLOGY**

The semi-annual survey will use a mixed method, both qualitative assessment and quantitative survey for data collection. The main focus of the quantitative survey is to measure key outcomes of Suchana interventions related to Income Generating Activities (IGAs) such as adoption of climate resilient and improved technology, use of quality inputs, increase in production and profit, consumption behaviour of the beneficiary households, marketing strategy adopted for selling surplus production, gender transformation in terms of household workload sharing and decision making, access to finance, market linkage, women role in decision making for IGAs, change in business practice and knowledge, household income and expenditure. The area of interventions related to these outcomes is agricultural production disaggregated by horticulture, poultry, and aquaculture.

**Performance Measurement Sampling Procedures**

The performance measurement on the set indicators will be conducted with a sample of Suchana phase 3 and phase 4 Direct Beneficiary Households. The primary sampling unit of the semi-annual survey is BHHs which will be drawn considering the following steps:

* **Steps-1:** 09 unions per phase i.e. 03 unions from 03 implementing partners *(CNRS, RDRS and FIVDB)* will be randomly selected under 20 Upazilla of Sylhet and Moulvibazar districts
* **Steps-2:** 45 villages per phase i.e. 05 villages per unions will be randomly selected from the list in place
* **Steps-3:** 1,200 samples per phase i.e. 26-27 samples (HFP-Poultry 7, HFP-Aquaculture 6 and IGA 13/14 i.e. on-farm 9 and non-farm 4) per villages will be randomly selected

To expedite the process, Suchana MEAL team has determined a tentative sample size of 1200 per phase (around 2% of the total beneficiaries of each phase) based on detecting differences in mean income. These samples are distributed between Homestead Food Production (HFP) and Income Generating Activities (IGA) beneficiaries equally.

**The 600 samples then equally distributed in the HFP-Poultry and HFP-Aquaculture beneficiaries while the remaining 600 samples distributed in the on-farm and non-farm IGAs on 70% and 30% respectively.**

 **Table 1: Tentative sample size for quantitative survey**

|  |  |  |  |
| --- | --- | --- | --- |
| *Name of sub-group* | *Expected sample size for the phase 3* | *Expected sample size for the phase 4* | *Remarks* |
| HFP-Poultry | 300 | 300 | Estimated  |
| HFP-Aquaculture | 300 | 300 | Estimated  |
| IGA-On-Farm | 420 | 420 | To be distributed among 3 implementing partners and 04 on-farm IGAs  |
| IGA- Non-Farm | 180 | 180 | To be distributed among 3 implementing partners and 10-15 different non-farm IGAs  |
| **Total** | **1200** | **1200** |  |

**Qualitative Assessment**

The focus of the qualitative assessment is to capture evidence of changes taken place **(Annex-3)** among the BHHs and related stakeholders. This evidence could be created due to an improved process of work, a systemic change in service delivery system, an institutional development, etc. that helped the BHHs to come out from the poverty as well as food insecurity. As like a quantitative survey, the qualitative assessment will be conducted with a sample of Suchana phase 3 and phase 4 beneficiaries, and other stakeholders like government officials, NGO officials, and private sector agents. The results will supplement to the interpretation of the quantitative findings as and where needed as well as provide a separate section in the report. The qualitative assessment will use different qualitative assessment tools such as Focus Group Discussions (FGDs), Key Informant Interviews (KIIs), and case studies to collect data from the respondents. To accelerate the process, Suchana MEAL team has determined a tentative sample size for each of these tools. The bidder should review these samples and finalize them in agreement with Suchana MEAL team.

**Table 3: Tentative sample size for the qualitative survey**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tools | Name of sub-group | Expected sample size for the phase 3 | Expected sample size for the phase 4 | Remarks |
| FGD | HFP-Poultry | 6 | 6 | To be distributed among 3 implementing partners and 20 different IGAs proportionately. |
| HFP-Aquaculture | 6 | 6 |
| IGA | 12 (on-farm 9, off-farm 3) | 12 (on-farm 9, off-farm 3) |
| KII | GOB officials | 12 | 12 |
| NGO officials | 12 | 12 |
| Market Actors (input, output, private companies) | 12 | 12 |
| Case studies |  | 3 | 3 |

# **DATA COLLECTION AND ANALYSIS**

The data of the quantitative survey will be collected through an Android application which will be developed based on the questionnaire approved by Suchana MEAL team. The Android application will be field tested before it is using for data collection. The enumerators will be provided with a tab by the consulting firm including necessary 5-days long training in Sylhet/Dhaka to use the application for real-time data collection along with field testing. Suchana MEAL team must have access to the database so that they can review the performance of data collection and provide feedback on the quality of data.

All data will be analysed in SPSS or STATA. The result will be summarized and compared with the results of last year survey. The data analysis shall be segregated into descriptive, bivariate, and multivariate regression analysis. The primary focus of the descriptive analyses will be on the indicators listed in **Annex-1.** The analysis will further include household characteristics – age, education, occupation, household (HH) size, HH income and expenses, household possession of assets including homestead/ wasteland/ pond etc. The bivariate analysis will explore the relationship between IGAs and household income, household food diversity, household food insecurity, women empowerment characteristics using a t-test, one-way ANOVA, correlation analyses as deemed fit by the type of the variables. The multivariate regression analysis may be performed for a few key indicators to explore their associations with other relevant covariates that contributes to making Suchana investment profitable or contributes in overall food security. A conceptual framework of covariates would be constructed in order to establish a model that determines profitability of IGAs or HFPs through linear regression. Covariates shall be selected taking consideration of their logical relevance (commercial, contextual) in relation to IGA and HFP related performance.

# **SURVEY SCHEDULE AND CHALLENGES TO BE CONSIDERED**

All works of the survey will be completed and all deliverables in final form must be submitted within 12 weeks or 84 days (including off days) from the date of signing the contract. In case of unforeseen circumstances outside the responsibility of either party which causes delays, a revised deadline will be mutually agreed by both parties. It is understood that unless major changes in the scope and timeline of the survey are required in this case, the survey firm is expected to complete the work within the agreed budget.

As per plan is shown in **Annex-2,** the core activities of the survey (data collection, analysis, and reporting) will take place in August and September. On the contrary, Sylhet and Moulvibazar districts face a rainy season in July to October when weather is hot and humid with very heavy showers and thunderstorms almost every day, which could be a big challenge for data collection. At the centre of Suchana areas, there is a vast low lying flood plain- locally called Haors. Many of the remote places do not have good transport system for communication. Also, accommodation in village level for some Upazilas are not available. The beneficiaries speak in a colloquial language which is sometimes difficult to understand.

# **COMPOSITION OF SURVEY TEAM**

Suchana recommends a minimum three-person team for undertaking this assessment. The team should include an agriculturist, a Climate Resilient Specialist, a Market System Specialist, and a Data Analyst. The Market System Specialist must be a qualified professional who will be involved full time during the survey and lead the survey team. The Agriculturist and Climate Resilient Specialist will provide intermittent services during the preparation of tools, data analysis, and report writing. The Data Analyst should have experience in similar studies with proven skills in STATA and SPSS and will provide intermittent services as per need.

In addition to that, there will be a field team with enumerators and qualitative data collectors. The enumerators with sound knowledge and adequate experience in the recall data collection of on-farm *(i.e. agriculture, aquaculture, poultry, and livestock sub-sector)* and non-farm IGA (e.g. bamboo crafts, mat crafts, small trading, etc.) in Sylhet and Moulvibazar district to be preferred. Similarly, the qualitative data collectors must have good experience in conducting FGDs, KIIs and case studies in Sylhet and Moulvibazar district. All the data collectors must have good training and field practices before starting data collection.

Moreover, the survey team may use intermittent service of a copy editor with strong English writing skills who can produce a report that effectively communicates to both project staff and other national and international stakeholders.

# **MAJOR DELIVERABLES**

* Submit inception report with finalized data collection tools, (both quantitative and qualitative), methodology, data collection plan taking inputs from consortium partners (facilitated by MEAL team);
* Submit a detail survey manual including training curriculum, coding, pre-testing findings and detail guidelines for the enumerators during field research;
* Submit output design/frames (which are to be incorporated in the final report from the survey firm) for all indicators/questions from the designed tools, before starting the survey;
* For ensuring the quality of the data, at least 5% of the surveyed households should be re-interviewed within the next day using selective indicators by the supervisor/team lead of the enumerators;
* Submit SPSS/STATA datasets with labelling and syntax as per the questionnaire and indicators of first 200 samples (or after Day 1 data collection) for Suchana MEAL Team’s review and feedback to identify any issues before too much data collection has taken place;
* Updated data collection status both quantitative and qualitative twice in a week until completion of the data collection;
* Submit complete data dictionary
* Give a presentation on preliminary findings (both quantitative and qualitative) on the performance of key indicators with recommendations to MEAL team and program leadership and participate in open discussions - immediately after the survey work is done;
* Share a preliminary draft report and participate in 2-3 rounds of edits (depending upon the quality of the first draft) prior to finalization, and provide a final report in both hard copy and electronic copy;
* Submit final report with cleaned, fully labelled and annotated database on SPSS or STATA (with Syntax) on the major indicators reported in the final report;
* Give final presentation to MEAL team and program leadership after the report is completed;

# **MAJOR RESPONSIBILITIES OF SUCHANA MEAL TEAM**

Suchana MEAL team will take responsibility for the procurement of the survey firm and provide the necessary support to the selected firm for undertaking the assignment and executing the objective of this Terms of Reference (ToR). They will draw samples using agreed sampling method and provide the list of sample HHs to be surveyed. They will provide backstopping service in survey design, sampling and data quality controlling plan, tool development, data collection, data analysis and report finalization process. With the help of field operation team, MEAL team will assist the survey team by providing information on survey locations and respondents as well as monitor their performance through on-field spot checks and provide feedback, and ensure the effectiveness of survey. The MRM Specialist, IDE and Deputy Director – MEAL, Suchana will coordinate the field research process and related trouble shooting issues. The survey firm will report to the Technical Director- MEAL & KM, Suchana who will validate the deliverables as per the terms of reference and contract. The Technical Director-MEAL & KM will approve payment as per the agreed schedule and deliverables received in good quality.

# **MAJOR RESPONSIBILITIES OF THE SURVEY FIRM**

Suchana wants a consulting firm/research organization to take responsibility of this survey. It is expected that the firm will work closely with Suchana MEAL team in Sylhet led by Deputy Director-MEAL on the overall management of the assignment at the field. The survey firm will be responsible for the following tasks but not limited to:

* Design an appropriate survey methodology which includes sampling strategy, sampling plan, data collection method, etc. following the framework mentioned in the survey design and methodology section of this ToR, and finalize the design incorporating feedback from the Suchana MEAL team;
* Develop necessary data collection tools (both for quantitative and qualitative) with inputs from Suchana MEAL team and finalize them through field testing in non-sampled areas;
* Develop and update the database for semi-annual survey using the suitable platform *(preferably modern ICT technologies using mobile/tablet-based platform)* and maintain data (which might include converting hard raw data files into soft copy) for sampling and survey purposes;
* Develop plans for data collection, supervision, and quality control mechanism;
* Perform data analysis following the guidelines mentioned in the data analysis section;
* Engage a survey team as per criteria mentioned in the composition of the survey team section;
* Provide comprehensive training to the concerned staffs/enumerators for the survey before starting of survey and ensure their clear understanding of the tools, sampling procedures etc. of the assignment; Preferably 5 days training including one-day field testing, discussions and tool revision. The enumerators training manual and qualitative guidelines, etc. will be developed and shared by the consultant before the training;
* Conduct a quantitative sample survey using a structured/semi-structured questionnaire(s);
* Collect additional qualitative data on specific qualitative indicators using a suitable sampling method, if in-depth data collection is required, based on findings of the quantitative sample survey;
* Ensure collection of high-quality accurate data with a high level of reliability and validity;
* Maintain close communications with Suchana MEAL team on survey related issues;
* Produce the English and Bangla version of the all final version of the documents e.g. data collection tools, guidelines, enumerators training manual, guideline for qualitative data collection;
* Provide all recordings and transcripts of data (using appropriate format and media) collected through qualitative data collection tools;
* Preserve hard copies of qualitative tools (i.e. FGD, KII) for a certain time period agreed by all parties;
* Perform customized analytical table as per the need of the program apart from the main body of the report;
* Propose Covid sensitive data collection techniques and share the organizational protocol on the data collection during Covid pandemic situation (if any);
* Submit all deliverables and brief daily update (including sample coverage and status) on the ongoing survey to the Technical Director- MEAL & KM, Suchana on or before the jointly agreed submission date;
* Any other activities are relevant to the semi-annual survey based on joint agreement among all parties.

# **CONTIGENCY PLAN**

It is anticipated that the data collection of the semi-annual survey will be occurred in-person. But considering the COVID-19 pandemic situation, approach declared by the government may change the data collection modality from in-person to phone survey. So, the Consultancy firm should put a separate section as contingency plan in their technical proposal briefly describing an alternate data collection strategy if movement is restricted in the survey area. The Consultancy firm is expected to add their data collection protocol for this COVID-19 pandemic periods in the annex if they already develop it. As part of contingency plan, the firm should also put a separate financial proposal for the alternative data collection modality under the main financial proposal.

# **ELIGIBILITY CRITERIA OF SURVEY FIRM**

General experience and expertise required for the firm/organization to apply for this survey are:

* Sound understanding on the data collection procedures during COVID-19 pandemic situation;
* Clear understanding and enough experience on field research/study/survey/impact assessment, including qualitative and quantitative methodologies, especially on market-based interventions in a rural setting; experience of working for a similar survey(s) in Sylhet region will be added advantage;
* Experience with market system research/study/survey/impact assessment, especially focusing on Income Generating Activities (IGA), aquaculture and Nutrition;
* Ability to analyse both quantitative data using all of SPSS or STATA and qualitative data with R/NVivo/Atlas.ti or any other suitable software;
* Ability to give a presentation in both Bangla and English to program stakeholders;
* Ability to write a survey/study report focusing progress/impacts based on pre-set indicators in good academic English;
* Must have VAT Registration Certificate, TIN, and Trade License.

# **SELECTION OF FIRM, CONTRACT MANAGEMENT, AND PAYMENT SCHEDULE**

Final selection of the firm will be based on the technical proposal and breakdown of the proposed budget. The total budget for this work should cover all costs for conducting the entire assignment until report submission (including travel and daily allowances). Suchana MEAL team led by MEAL Director will review both the technical and financial proposals and select the best one having a good technical proposal with a reasonable budget. iDE will sign a contract with the finally selected firm under the following terms and conditions:

* The firm will work closely with Suchana MEAL team and report to the Technical Director – MEAL & KM. The firm must take final approval of their works such as study design, data collection tools including Android applications, data analysis plan, training module of the enumerators, and the design of the draft report from the Suchana MEAL Director. The firm should also seek guidance of the MEAL Director in field operation and other related activities. IDE will make payment to the firm based on the concurrence of the Suchana MEAL Director.
* The firm will receive budget as follows:
* 30% payment will be released after the acceptance of the inception report
* 30% payment will be disbursed after the initial findings sharing
* 40% of the budget will be released after the acceptance of the final report and dataset of adequate quality (Including final presentation and clean database with syntax file).
* The following terms and conditions will apply in respect of payment:
* The payment will be made through account payee cheque/wire transfer (account name, number, type, bank name, and branch name is required for wire transfer);
* Government VAT and tax regulation will be applied and will deduct at source as
* per Govt. rule;
* In case of failure to deliver the final product in due time, 1% of the total agreement amount will be deducted for each day of delay in submitting the report beyond the closing date of the agreement;
* The selected firm will abide by other terms and conditions of Suchana.

# **BID SUBMISSION**

The bidder should submit Technical and Financial Proposals in two separate envelops enclosed in one packet by the closing date of this tender. The bidder packet should include:

**Cover letter** (maximum one page);

**Technical Proposal** (maximum seven pages) which should include:

* Understanding of the assignment
* Survey methodology including sampling, data collection, and quality control plan, tool development and execution process
* Survey Timeline (breakdown each step of the assignment)
* Reporting outline which includes section, sub-sections, contents as well as data analysis and findings presentation technique under the respective section
* Evidence of relevant survey experience of the consultancy firm;
* Profiles/ resumes of the personnel/experts (including all personnel for data collection, data entry, database management, and data analysis) to be involved in the assignment must be included in the annex;
* The evidence of appropriate legal affiliation/entity.

**Financial Proposal** (maximum one-page): detail breakdown of cost estimates for services rendered. This should include, but not be limited to: human resources cost, and accommodation and living costs; transport cost, stationeries, and supplies needed for data collection and reporting.

Interested firms/organizations should submit their proposals to the procurement unit, iDE Bangladesh through email to: **bangladesh.procurement@ideglobal.org** **by 4:30 PM on 28/07/2021.**

**Annex-1: List of performance indicators**

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| **Performance Indicators** |
| 1 | % of registered BHHs accessed quality inputs from private sectors including source of input |
| 2 | Satisfaction rate of BHHs on input quality disaggregated by Suchana, private, govt, etc. |
| 3 | % of BHHs are member of savings group introduced by SUCHANA (e.g. VSLA) (FCDO AR review) |
| 4 | % of BHHs linked to output buyers  |
|  | % of BHHs successfully reinvesting in the IGAs |
| 5 | Satisfaction rate of BHHs regarding access to output market (Reasons for satisfaction/dissatisfaction regarding access to output market) |
| 6 | % of BHHs with home garden |
| 7 | % of BHHs adopting climate resilient livelihood options (Indicator report will be separate but question to be asked one time with indicator 8) |
| 8 | % of BHHs adopting improved production technology |
| 9 | Average volume/number of production per season per BHHs  |
| 10 | Level of satisfaction on production and reasons behind change in production |
| 11 | % of BHHs increased sales volume/number per season |
| 12 | % BHHs generating profits or increased IGA asset value from income generating activities (IGA)s (only for 100,000 IGA beneficiaries) (Disaggregated by on-farm and off-farm and IPs) |
| 13 | % of BHHs increase in income (Different stages of COVID-19 situation and current income level) |
| 14 | % of women in the HH consuming 5 or more food items  |
| 15 | % of children 6-23 months of age who had minimum acceptable diet (MAD)  |
| 16 | Household Dietary Diversity Score (HDDS)  |
| 17 | % of BHHs using safe water for drinking and cooking purposes (tube-well only) |
| 18 | % of BHHs using safe latrine (water seal only through observation), Hand washing facility with soap |
| 19 | % of women buy inputs from the market directly  |
| 20 | % of women sales their produces in the market directly  |
| 21 | % of women make decision on IGA expenditure |
| 22 | % of women make decision on selling produces |
| 23 | % of women have control over income  |
| 24 | % of BHHs received vaccination/treatment services from local service providers (Disaggregated by HFP and IGA-livestock, poultry, aquaculture and IPs) |
| 25 | Average mortality rate of poultry/livestock reduced per BHHs in last six months |
| 26 | Percentage of food insecure households according to Household Food Insecurity Access Scale (HFIAS) |
| 27 | HH income and Expenditure including Food and Non-Food expenditure |

**Annex-2: Tentative Survey Implementation Schedule**

|  |  |  |
| --- | --- | --- |
| **#** | **Activity** | **Tentative date** |
| 1. | Bdjobs advertisement  | 13~26 Jul 2021 |
| 2. | Proposal evaluation and consultant finalization  | 27 Jul 2021~08 Aug 2021 |
| 3. | In-house Tool Finalization  | 09 Aug 2021 |
| 4. | Agreement signing and kickoff meeting  | 10 Aug 2021 |
| 5. | Inception report submission  | 12 Aug 2021 |
| 6. | Tool finalization and ODK design  | 22 Aug 2021 |
| 7. | Enumerator orientation  | 22~26 Aug 2021 |
| 8. | Data collection  | 28 Aug 2021~ 13 Sep 2021 |
| 9. | Data Analysis & Initial Findings  | 23 Sep 2021 |
| 10. | Draft report submission  | 07 Oct 2021 |
| 11. | Internal feedback on draft report  | 12 Oct 2021 |
| 12. | Final report submission  | 17 Oct 2021 |
| 13. | Final presentation  | 25 Oct 2021 |

**Annex-3: Qualitative topics to be explored**

* Product supply chain scenario of improved products and services
* Satisfaction on the access to backward and forward market
* Satisfaction on the yield using improved products and services
* Business performance and challenges of the market actors
* Quality of services delivered by the local market actors
* Resilience technology and shocks coping strategy
* Social protection
* Income trend, saving behaviour trend and sustainability.
* Changing the consumption behaviour
* Government’s level of engagement with Suchana and suggestions to improved program performance