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BANKABLE BUSINESS PLANS FOR ENTERPRISES TO ACCESS CREDIT OR ANY GRANT SCHEMES AVAILABLE - Deliverable 1.5.3

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Bankable Business Plans for Enterprises to access credit or any grant schemes available

Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

Work Package 74, Sub-activity 5.3

This report has been prepared as part of work package 74, to support the establishment of quality assurance schemes for the livestock sector and specifically sub-activity 5.3. “Prepare bankable business plans for the enterprises to access credit or any grant schemes available.”

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Abbreviations and Acronyms

AMI	Anti Mortem Inspection
AMR	Antimicrobial resistance
BFSA	Bangladesh Food Safety Authority
BSTI	Bangladesh Standards and Testing Institute
CAC	Codex Alimentaria Commission
CA	Competent Authority
CC	City Corporations
DYD	Department of Youth Development
DLO	District Livestock Officer
DLS	Department of Livestock Services
GAHP	Good Animal Husbandry Practices
GHP	Good Hygiene Practices
HACCP	Hazard Analysis Critical Control Point
LDDP	Livestock and Dairy Development Project
MoFL	Ministry of Fisheries and Livestock
MRL	Maximum Residue Level
MO	Market Operator
PPE	Personal Protective Equipment
PMI	Post Mortem Inspection
SoP	Standard Operational Procedure
THI	Temperature Humidity Index
UNIDO	United Nations Industrial Development Organization
WOAH/ OIE	World Organization for Animal Health (formerly the Organization Internationale des Epizooties)

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EXECUTIVE SUMMARY

The Meat and Milk Value Chains in Bangladesh support near self-sufficiency of these foods for consumers in Bangladesh. They are complex but they do function in maintaining a balance between the foods produced in Bangladesh and the demand from consumers for foods in local markets, retail outlets and an ever-growing food service sector. These value chains exist within an overall regulatory framework but with mixed levels of compliance which pose a threat to consumer health and safety from the foods of these value chains.

The objective of the Capital Investment Scheme is to strengthen food safety practices in the meat and milk value chains. It is not intended as a substitute for regulatory enforcement measures which are covered in other policy recommendations and reports. It is however proposed as a means to improve the food safety conditions in which food is produced, transported, processed and placed on the market for consumers. It proposes a stepwise approach to practical improvements that can be made along the food value chain, based on dialogue with food business operators and reflects the practicalities of the current value chains.

The proposal for a Capital Investment Scheme for Strengthening Food Safety in the Meat and Dairy Value Chain is a grant-based scheme that does not impact on competitiveness or impact existing market dynamics, and should therefore not be considered to be anti-competitive in nature. Its objective in strengthening food safety for the benefit of consumers can be considered as a public good in reducing food borne risks to consumer health and safety. Accordingly, a partial grant funding approach is proposed, the financing of which is a decision for relevant public bodies or agencies. It is beyond the remit of this report to guide on whether funding for this programme should be sought from internal or external sources but the framework outlined in this proposal can ensure an equitable and targeted investment in food safety that will deliver benefit to all in the form of strengthened food safety.

The Capital Investment Scheme as outlined requires applicants to develop simple business and project plans outlining their investment proposals but does set a number of pre-requisites which if met, serve as indicators of intent of food business operators. The adherence to these principles are key to successful implementation of this scheme, as capital investment alone will not deliver benefit without adherence by food business operators to good practice and continual improvement. It is for this reason that the funding model proposed includes a retention of 25% of grant funding for 12 months to ensure that investments made are managed and maintained as intended and do deliver improved levels of food safety in meat and milk products along the value chain.

CONTEXT

The proposal for a Capital Investment Scheme for Strengthening Food Safety in the Meat and Milk Value Chain is developed within the framework of the Livestock and Milk Development Project (LDDP), a World Bank funded project amounting to 578.66 Million USD, with the

overall objective to promote productivity growth, enhance market access, and improve risk management among smallholder farmers and agro-entrepreneurs in Bangladesh. The project development objective is to contribute to productivity improvement, market access, and resilience of smallholder farmers and agro-entrepreneurs operating in selected livestock value chains in target areas.

The project targets all main value chains in the country: i) Milk from small and medium scale mixed crop-livestock systems; ii) poultry from improved scavenging and semi-scavenging systems, and semi-intensified broilers systems; and iii) red meat from small and mid-scale cattle and small ruminant production units. UNIDO is contributing to two components of the LDDP, namely; a) sub- component A2 on improved climate smart production practices by addressing the aspect of health in animal production, and b) sub-component C2 on food safety and public health by addressing food safety and quality assurance.

UNIDO interventions are structured into two outputs, with the specific objective to improve the food safety system for the protection of public health systems along the livestock value chains:

Output 1: Food assurance and public health systems designed along livestock value chains. This output will focus on i) Gap analysis of existing legislation of food safety enforcement, ii) Legal amendments and drafts of regulations for stronger food safety enforcement in relevant value chains, iii) Baseline data on current level of food safety in relevant value chains, iv) Establishment of foods of animal origin inspection program, and v) Support to the establishment in quality assurance schemes (GAP, HACCP, ISO, CODEX);

Output 2: AMR surveillance and risk mitigation program as well as surveillance and monitoring of microbial chemical and residual hazards are developed. This output will focus on i) conceptual development of an AMR surveillance system, monitoring of antimicrobial use, and risk mitigation in animal and foods of animal origin, and ii) design of surveillance and monitoring programmes on biological and chemical hazards in animal and foods of animal origin.

The proposal for a Capital Investment Scheme for Strengthening Food Safety in the Meat and Milk Value Chain falls within v) Support to the establishment in quality assurance schemes, in providing a investment pathway for food business operators to develop their processes in delivering meat and Milk products to consumers to a higher food safety standard.

BACKGROUND

Meat and Milk production in Bangladesh has grown in response to increased domestic demand assisted in part by government policy to achieve self-sufficiency in all primary food products. The approach has proven to be successful in part with Bangladesh now self-sufficient in meat production while milk production is nearing self-sufficiency.

The Government of Bangladesh is now keen to improve the safety of foods of animal origin and has received assistance via the World Bank funded Livestock and Dairy Development Project (LDDP) of the Department of Livestock Services (DLS) to support this objective. The United

Nations Industrial Development Organization (UNIDO) has been engaged to deliver a series of actions to support the objective of improved food safety in foods of animal origin including a gap analysis of existing food safety legislation; drafting legal amendments to existing legislation; development of baseline data of food safety; proposals for the establishment of food inspection programs and quality assurance schemes for foods of animal origin.

Based on the most recent DLS statistics, the current annual production of meat is 87.10 lakh Metric Tons; per capita supply is 137.38 gm per day, which exceeds the national target of 120 gm/per capita/per day. Milk production is 140.68 lakh Metric Tons, with per capita supply of 221.89 ml per day, which is near to the targeted 250 ml/per capita/per day. However, there are challenges including the economic sustainability of current milk and meat production systems, underdeveloped processing capacity, insufficient logistical systems, and poor enforcement of existing regulatory requirements.

While milk and meat production has increased by a considerable level, its safety and quality has not been addressed sufficiently, which presents a challenge to the health of consumers and also acts as a barrier to developing export markets. The key challenge is how to implement effective food safety controls in the Bangladesh Food System from farmers to processors, to retailers while not undermining the economic sustainability of the sector or reducing self-sufficiency.

Meat and milk are produced through long and complex value chains. The scale of production in Bangladesh poses additional challenges as many farmers and actors along the supply chains operate at levels where the introduction of modern technologies is economically difficult. Nevertheless, the primary focus of this initiative is the production of safe food, regardless of size or scale of operation as there exists the risk of health hazards in each and every step of the value chain, which ultimately impacts consumers health.

The approach adopted is a mapping of the meat and Milk value chains, followed by an analysis of the environment, infrastructure and practices to identify health risks in the areas. The World Organization for Animal Health (WOAH) and Codex Alimentarius guidelines are considered as the standard of practice in Bangladesh. This requires adoption of Good Animal Husbandry Practices (GAHP) and Good Hygienic Practices (GHP), monitoring and inspection, laboratory infrastructure, skilled manpower, infrastructural and financial resources along the entire value chain.

THE CHALLENGE

At present the bulk of meat and milk products in Bangladesh, are sold in the absence of regular surveillance, inspection and other preventive control measures. Initial livestock policies in Bangladesh placed a greater emphasis on increasing livestock production and productivity, which were prioritised over the allocation of resources to improve animal health and specifically the implementation of regulatory functions to ensure the food safety of animal products. There is now a need to shift focus towards investment in measures to address the food safety risks associated with the production, processing and distribution of meat and milk products destined for human consumption.

Previous GAP assessments by UNIDO, have identified shortcomings in the enforcement of existing legislation in Bangladesh. The Gap Analysis of the Food Legislative and Regulatory Landscape (Food of Animal Origin)¹ concluded that:

“The food safety regulatory mandate is well supported by empowering legislation, governing the intervention of various competent authorities, and supporting them in issuing requirements to govern the safety and quality of food of animal origin.

There was no evident gap in the coverage provided by legislation, rather possible overlap in responsibilities that may be mitigated by operational arrangements between food competent authorities.

Most of the gaps and areas of enhancements identified in this study relate to the way food competent authorities would exercise the food safety regulatory mandate, granted to them by the relevant legislation and would not therefore necessitate changes in legislation to be addressed.”

In short, the main challenge relates to poor enforcement of legislative controls along the food chain. While a number of policy recommendations and approaches to improving the enforcement activities of the competent authorities have been proposed by UNIDO in this initiative, it is reasonable to suggest that implementing an effective agency level enforcement programme across the food chain will not be achieved in the short -term.

However, this should not act as a deterrent to food business operators from themselves taking the initiative to implement improvements within their own supply chains that could have immediate impact on enhancing the safety of meat and Milk products as presented to consumers.

The Capital Investment Scheme proposed for Strengthening Food Safety in Meat and Milk Value Chains is developed to support improved food safety measures within the scope of Food Business Operators. It is not intended to address the wider area of policy reform or enforcement actions by competent authorities.

THE SCHEME

The Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains is designed to support Food Business Operators in implementing food safety measures within their value chains that will protect consumers health, reduce risk of food borne disease, reduce food waste and increase returns to producers.

The Scheme is proposed as a grant funded initiative administered by the Department of Livestock Services (DLS) and supported by the Livestock and Dairy Development Project (LDDP). This will provide for assisted investment in verified food safety infrastructure that supports the

¹ GAP Analysis of the Legislative and Regulatory Landscape applied to Food of Animal Origin in Bangladesh, UNIDO June 2022

final stages of delivery of safe food to consumers.

The Scheme will be opened for applications by eligible Food Business Operators on a date to be notified by Scheme Administrators. The Scheme will be launched by public notification of the scheme, along with publication of eligibility criteria, application process and notification of on-line briefing and supports for potential applicants. Details of the total grant funding available and deadline for submission of completed applications will be announced at the launch of the Scheme.

SCHEME STRUCTURE

The Scheme proposes a grant assistance of up to 50% of eligible capital costs incurred by Food Business Operators on submission of an approved application and business plan. Evidence that the investment could not be undertaken without the provision of grant assistance will be required. Similarly, evidence that the investment will enhance an existing viable Food Business Operator will be required based on audit of submitted financial records.

Scheme grantees will receive funding on completion and approval of the proposed investment but with a 25% retention of grant funding to be released 12 months following reapproval of facilities and of supported capital investment. Eligible expenditure is deemed as expenditure outlined in the application and must not have been undertaken prior to approval of grant finance.

ELIGIBILITY

The Scheme is open to Food Business Operators in the Meat and Milk Value Chain that satisfy the following conditions.

- 1) Eligible Food Business Operators must be registered according to their activity with the Department of Livestock Services (DLS).
- 2) Eligible activities include: Animal transportation; Slaughterhouses; Meat Transporter; Meat Shops; Goyala / Milk Transporter; Milk Chilling Facility; Milk Processing Facility; Milk Retail Facility.
- 3) Scheme applicants must declare their specific activities per “2)”. Where more than one activity is specified, each activity must be defined with specific activities attributed to that activity.
- 4) Where farmers engage in any of the above activities, they will be assessed based on the specificities of the named activity in which their activity is defined as a Food Business

Operator.

- 5) Applicants must be able to demonstrate compliance with the below prerequisites to be deemed eligible for consideration for grant assistance.

Animal Transportation

Animal transportation operators seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Vehicle must be registered with local municipality.
2. Holds a listing of beef cattle suppliers and their official Farm Registration number.
3. Hold records of all beef cattle collected including the official farm registration number, number and identify of animals collected.
4. Hold records of journeys from where animals are collected from to where animals are delivered to. (distance, time/place of departure, time/place of arrival, stopping point(s), etc.)
5. Does not transport raw meat in the same lorry used to deliver cattle for slaughter.

Eligible Investment Areas

- A. Purchase of a fully sided lorry designed to allow for the safe loading and unloading of cattle. The base must be designed of a material that minimises risk of animals slipping while being transported.

Slaughterhouses

Slaughterhouses seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Must hold an official slaughterhouse registration from DLS.
2. The facility must be in compliance with defined standards of slaughterhouse construction and design
3. The facility must have an adequate supply of water for washing utensils and slaughterhouse facilities.
4. The facility must be managed and maintained to a good level of cleanliness.
5. Holds a listing of transporters linked to their official registration numbers that deliver cattle to the slaughterhouse.
6. Holds records of every animal delivered by individual transporters, detailing the date of delivery, number of animals, condition of animals on delivery.

7. Has a record of officially (DLS) authorised ante- and post-mortem inspections on all animals slaughtered.
8. Employs a trained person for the slaughter of animals.
9. Holds details on rejected animals rejected for slaughter including herdowner, transporter, reason for rejection and where the rejected animal was consigned.
10. Holds details of meat dispatched from the slaughterhouse.

Eligible Investment Areas

- A. Establishment of a lairage for unloading and holding animals with access to freshwater. This must be segregated from the slaughter area by a wall or a suitable divide between lairage and slaughter area.
- B. Development of slaughter base with washable walls and floors, a carcass hanging area, drainage system for all fluids, a carcass inspection area.
- C. Development of a meat storage area adjacent to the slaughter area where meat can be transferred in a hygienic manner for storage or for further processing.
- D. Establishment of a boning and cutting facility for transformation to wholesale or retail meat packages.

Chilled Meat Transportation

Meat Transportation operators seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Meat Transportation operators must hold a business registration with their Municipal authorities.
2. Meat Transportation Operative must have achieved formal training in Food Safety.

Eligible Investment Areas

- A. Purchase of a lorry or van for the sole purpose of delivering meat from slaughterhouses to wholesale or retail outlets. Lorry's or Van's must be equipped with a certified refrigeration system, with cargo bays designed to allow for hanging, racking or storing of meat off the floor. The materials used in the cargo bay must allow for washing and draining. Refrigeration units must be equipped with an easy to read thermometer.

Retail Outlet

Retail Outlets seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Retail outlets must hold a business registration with their Municipal authorities.
2. Retail outlets must hold records of suppliers of meat and Milk purchases including the official identification number of suppliers.
3. Retail outlets must have electricity supplies with a piped supply of fresh water available.
4. Retail outlets must be designed and maintained to minimise risk of pests and insects.

Eligible Investment Areas

- A. Purchase of point of sale refrigeration units with service level agreements in place to ensure proper operation. Refrigeration units must have an easy to read temperature gauge, easily visible to operators and customers.
- B. Purchase of refrigeration units for the storage of meats, with service level agreements in place to ensure proper operation. Storage refrigeration units must be fitted with hooks or racks to ensure meats are not stored on the floor of the units.

Dairy Farm

Dairy farmers seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Farms must hold an official Farm Registration from DLS.
2. An Animal identification system that ensures individual animals can be identified at farm level must be in use.
3. Appropriate animal housing
4. Hygienic milking conditions must be evident on the farm.
5. Milk must be stored in Hygienic containers.

Eligible Investment Areas

- A. Purchase and installation of refrigeration and storage system for raw milk. This must have the capacity to cool milk to between 4 – 6o Celsius within 2 hours of milking. The refrigeration system must have an in-built thermometer which can be easily read by milk collectors.

Milk Transporter

Milk Transporters seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Milk Transporter must hold an official Farm Registration from DLS.

2. Must have evidence of their use of stainless steel containers for milk collection, have access to clean water and evidence of a cleaning procedure for all collection vessels.
3. Listing of milk suppliers and their official Farm Registration number.
4. Hold records of all milk collections including official farm registration number, volume of milk collected, temperature of milk at collection,
5. Hold records of milk rejected by transporter listing official farm registration number, volume of milk rejected, reason for rejection.

Eligible Investment Areas

- A. Purchase of a dedicated milk collection unit that has the facility to record volume of milk collected off-farm, and a storage area for the retention of farm milk samples. The milk collection unit must have a means of collecting milk from farms through a vacuum unit or a gravity fed filling system that maintains the hygiene of milk in the milk collection unit. The milk collection unit must be designed in a way that ensures cleaning and full draining of the container.

Chilling Facility

Milk Chilling Facilities seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Official Registration of chilling facility with DLS.
2. Availability of electricity supply and back-up facilities.
3. Hold a listing of transporters linked to their official registration numbers.
4. Holds records of each batch of milk delivered by individual transporters, detailing total volume of milk, temperature of milk at acceptance to facility, receipt of list of milk suppliers whose milk is contained in the batch.
5. Has a record of details of the condition of milk on arrival for each batch including foreign matter, smell, colour, test results, test frequency.
6. Holds details on rejected milk including batch detail (3) and details of reason for rejection and details of disposal method used.
7. Holds detail of milk dispatched from the chilling facility, including volume, and temperature of milk when shipped from facility. This should be accompanied by supplier listing as submitted by the transporter.

Eligible Investment Areas

- A. Purchase of a dedicated milk chilling unit with filler system that can draw milk directly from the milk delivery tanker. The chilling unit must have the capacity to refrigerate milk to 4oC

within 2 hours of milk delivery and 30C within 4 hours of milk delivery.

- B. Purchase of a plate cooler that sits between the tanker discharge and milk chilling unit, with the capacity to chill milk prior to discharge to the milk chilling unit. Water or Glycol coolers are eligible for investment.
- C. Purchase of a milk testing unit including a test area or dedicated room, that can be used to support a range of milk tests for impurities, antibiotics, added water and fat content.

Milk Processor

Milk Processing Facilities seeking to participate in the Scheme must be able to demonstrate compliance with the following prerequisites.

1. Processor is registered with the DLS based on evidence of maintaining hygienic conditions, refrigeration system, potable water, electricity and backup systems.
2. Operates a traceability system for all milk receipts including official registration number of chilling facility, transporter and temperature on arrival.
3. Has the facility to undertake analysis of milk including microbiological criteria and antibiotic testing.
4. Operates to HACCP
5. Maintains training records for all staff
6. Maintains product specific production records including volumes of milk used per unit of product made plus inventory of additives and preservatives used.
7. Maintains register of product batch details and where consigned.

Eligible Investment Areas

- A. Purchase of milk processing equipment that is used in transforming raw unprocessed milk to any of the categories of production as defined by the International Customs Code including 0401 to 0406.
- B. Purchase of milk handling equipment including milk intake systems, milk intake sampling systems, and milk intake data recording systems.
- C. Purchase of milk analytical systems that enable the analysis of raw and processed milk and milk products for chemical and biological factors.

APPLICATION PROCESS

Applicants that can satisfy the eligibility criteria as outlined must submit a Business Plan, and Project Plan using the templates provided in the following sections.

The Business Plans serve as an initial evaluation of applicants to assess if they have met the initial eligibility criteria.

The Project Plans provides applicants the opportunity to outline their proposed investments and to evaluate the impact on their respective value chains. Their purpose is to provide a detailed plan for the proposed project. The goal is to have a plan that will be used throughout the project. It should be written by the person who will lead the project. This is not a business or marketing document and should not repeat anything already covered in the Application Form. All questions should be answered. This document should be written by a technical/ operations person in the company.

The financial costing sheet captures all related project costs associated with the investment categorised according to value for money criteria. Costs must supported by documented quotations or estimations from approved or certified suppliers.

Business Plans

Animal Transporter Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

ANIMAL TRANSPORTER DETAILS	
Registered Company Name	
Official Registration Number per DLS	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	
Brief Description of Company Activities	

CAPITAL INVESTMENT DETAILS	
Transportation Unit (Lorry) Registration Details	
Capacity of Transportation Unit (weight)	
Date registered	
Driver Details	
Brief Description of transportation body unit and loading facility	

COMPANY PROFILE
<i>Briefly outline company history and summarise your current plans for development</i>
MANAGEMENT AND GOVERNANCE
<i>Provide a brief outline of the management structure and governance</i>

ANIMAL TRANSPORT OVERVIEW	
Number of Farmer collections per day	
Number of Slaughterhouse deliveries per day	
Number of Farmer collections per week	
Number of Slaughterhouse deliveries per week	
Number of slaughterhouses delivered to per week	

ANIMAL WELFARE OVERVIEW	
Average distance between farm and slaughterhouse in miles	
Average time between farm and slaughterhouse in hours	
Are water stops used over longer journeys?	
Are animals enclosed in the lorry?	
Is there a loading ramp fitted to the lorry?	
Is there a non-slip surface on the lorry floor?	

PROJECT OUTLINE	
<i>Briefly outline your proposed area of investment</i>	
Please indicate the proposed Eligible Investments	
Purchase of a fully sided lorry designed to allow for the safe loading and unloading of cattle. The base must be designed of a material that minimises risk of animals slipping while being transported.	

Slaughterhouse Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

SLAUGHTERHOUSE DETAILS	
Registered Company Name	
Official Registration Number per DLS	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	

Brief Description of Company Activities	
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CAPITAL INVESTMENT SITE DETAILS	
Registered Site Name	
Official Registration Number per DLS	
Site Address	
Authorised Site Representative	
Position of Authorised Site Representative	
E-mail of Site Representative	
Telephone of Site Representative	
Brief Description of Site's Activities	

COMPANY PROFILE
<i>Briefly outline company history and summarise your current products</i>
MANAGEMENT AND GOVERNANCE
<i>Provide a brief outline of the management structure and governance</i>

SLAUGHTERHOUSE OVERVIEW	
Number of Farmer Suppliers	
Number of non-farmer suppliers	
Number of cattle slaughtered daily	
Volume (Kgs) of meat processed daily	
Number of cattle slaughtered monthly	
Volume (Kgs) of meat processed monthly	
Number of cattle slaughtered annually	
Volume (Kgs) of meat processed annually	

SLAUGHTERHOUSE OVERVIEW	
Describe the lairage facility. How many cattle can it hold?	
Is there a dedicated slaughter area?	
Describe the slaughterhouse area	
Is the slaughter area floored and walled?	
Are carcasses hung on slaughter?	
How are post mortem inspections carried out?	
Is there an area to store and segregate carcasses awaiting test results?	
How is evisceration carried out?	
How are hides harvested?	
What is the level of carcass cutting undertaken?	
Are refrigeration facilities available?	
Outline how slaughterhouse wastes are managed	

PROJECT OUTLINE
<i>Briefly outline company history and summarise your current products</i>

Please indicate the proposed Eligible Investments	
Establishment of a lairage for unloading and holding animals with access to freshwater. This must be segregated from the slaughter area by a wall or a suitable divide between lairage and slaughter area.	
Development of slaughter base with washable walls and floors, a carcass hanging area, drainage system for all fluids, a carcass inspection area.	
Development of a meat storage area adjacent to the slaughter area where meat can be transferred in a hygienic manner for storage or for further processing.	
Establishment of a boning and cutting facility for transformation to wholesale or retail meat packages	

Chilled Meat Transportation Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

CHILLED MEAT TRANSPORTER DETAILS	
Registered Company Name	
Official Registration Number per Municipality	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	
Brief Description of Company Activities	

CAPITAL INVESTMENT DETAILS	
Transportation Unit (Lorry) Registration Details	
Capacity of Transportation Unit (weight)	
Date registered	
Driver Details	
Refrigeration Unit Details	
Brief Description of transportation body unit and loading facility	

COMPANY PROFILE
<i>Briefly outline company history and summarise your current plans for development</i>
MANAGEMENT AND GOVERNANCE
<i>Provide a brief outline of the management structure and governance</i>

CHILLED MEAT TRANSPORT OVERVIEW	
Number of collections from slaughterhouses per day	
Number of deliveries to retail outlets per day	
Number of collections from slaughterhouses per week	
Number of deliveries to retail outlets per week	

CHILLED MEAT TRANSPORT QUALITY OVERVIEW	
Transporter is used only for carrying meat	Yes / No
What temperature are the products transported at?	
Is the compartment fully enclosed?	
Are the surfaces of the lorry smooth?	

PROJECT OUTLINE	
<i>Briefly outline your proposed area of investment</i>	
Please indicate the proposed Eligible Investments	
Purchase of a lorry or van for the sole purpose of delivering meat from slaughterhouses to wholesale or retail outlets. Lorry's or Van's must be equipped with a certified refrigeration system, with cargo bays designed to allow for hanging, racking or storing of meat off the floor. The materials used in the cargo bay must allow for washing and draining. Refrigeration units must be equipped with an easy to read thermometer.	

Retail Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

RETAILER DETAILS	
Registered Company Name	
Official Registration Number per Municipality	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	

Brief Description of Company Activities	
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CAPITAL INVESTMENT SITE DETAILS	
Registered Site Name	
Official Registration Number per Municipality	
Site Address	
Authorised Site Representative	
Position of Authorised Site Representative	
E-mail Site Representative	
Telephone Site Representative	
Brief Description of Site's Activities	

COMPANY PROFILE
<i>Briefly outline company history and summarise your current plans for development</i>

MANAGEMENT AND GOVERNANCE

Provide a brief outline of the management structure and governance

RETAIL OUTLET OVERVIEW

List the main products of animal origin sold in the retail outlet	
Are all products of animal origin sourced from DLS registered operators?	
What quantity of fresh meat is sold daily?	
What quantity of fresh meat is sold weekly?	
What quantity of chilled meat is sold daily?	
What quantity of chilled meat is sold weekly?	
Are consumer facing meat chillers in use?	
Are meat chillers used to store meat prior to sale?	
Where do you source your meat?	
Is meat supplied traceable to the slaughterhouse?	
Is meat delivered in a refrigerated truck?	

PROJECT OUTLINE
Briefly outline your proposed area of investment

Please indicate the proposed Eligible Investments	
Purchase of point of sale refrigeration units with service level agreements in place to ensure proper operation. Refrigeration units must have an easy to read temperature gauge, easily visible to operators and customers.	
Purchase of refrigeration units for the storage of meats, with service level agreements in place to ensure proper operation. Storage refrigeration units must be fitted with hooks or racks to ensure meats are not stored on the floor of the units.	

Dairy Farmer Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

DAIRY FARMER DETAILS	
Registered Farm Name	
Official Registration Number per DLS	
Registered Farm Address	
Authorised Farm Representative	
E-mail of Authorised Person	
Telephone of Authorised Person	
Brief Description of Farm Activities	

DAIRY FARM DETAILS	
Number of Milking Cows	
Total Milk Produced per day	
Total Milk sent for processing per day	
Total Annual Milk Yield	
Dairy Processor or Chiller Used	

Brief Description of dairy enterprise

FARM PROFILE
Briefly outline the farm and summarise your current plans for development

MILK OPERATIONS OVERVIEW

Milking System in Use (Parlour etc..)	
Number Milked at the Same Time	
What is Milk Stored in?	
Can Milk be Refrigerated?	
Is there electricity on the milking premises?	
Is there piped water on the milking premises?	

MILK QUALITY OVERVIEW

Temperature of Milk 2 Hours after milking	
Average Monthly TBC average	
Average Monthly Somatic Cell Count	
Incidence of Mastitis – cases / month	
Mastitis Treatment Used	
Milk Preservative Used?	

PROJECT OUTLINE
Briefly outline your proposed area of investment

Please indicate the proposed Eligible Investments	
Purchase and installation of refrigeration and storage system for raw milk. This must have the capacity to cool milk to between 4 – 6° Celsius within 2 hours of milking. The refrigeration system must have an in-built thermometer which can be easily read by milk collectors.	

Milk Transporter Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

MILK TRANSPORTER DETAILS	
Registered Company Name	
Official Registration Number per DLS	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	
Brief Description of Company Activities	

CAPITAL INVESTMENT DETAILS	
Transportation Unit (Lorry) Registration Details	
Capacity of Transportation Unit (weight)	
Capacity of Transportation Unit (litres)	
Date registered	
Driver Details	

Brief Description of transportation unit and features

COMPANY PROFILE
Briefly outline company history and summarise your current plans for development

MANAGEMENT AND GOVERNANCE
Provide a brief outline of the management structure and governance

MILK INTAKE OVERVIEW	
Number of Farmer collections	
Number of Goya collections	
Volume of milk collected daily	
Volume of milk collected monthly	
Volume of milk collected yearly	

MILK DELIVERY OVERVIEW	
Name of Main Milk Delivery Consignee	
Address of Main Milk Delivery Consignee	
Volume of milk delivered daily to Consignee	
Name of Second Milk Delivery Consignee	

Address of Second Milk Delivery Consignee	
Volume of milk delivered daily to Consignee	

PROJECT OUTLINE	
<i>Briefly outline your proposed area of investment</i>	
Please indicate the proposed Eligible Investments	
<p>Purchase of dedicated milk collection unit that has the facility to record volume of milk collected off-farm, and a storage area for the retention of farm milk samples. The milk collection unit must have a means of collecting milk from farms through a vacuum unit or a gravity fed filling system that maintains the hygiene of milk in the milk collection unit. The milk collection unit must be designed in a way that ensures cleaning and full draining of the container.</p>	

Chilling Facility Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

MILK CHILLING OPERATOR DETAILS	
Registered Company Name	
Official Registration Number per DLS	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	

Brief Description of Company Activities	
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CAPITAL INVESTMENT SITE DETAILS	
Registered Site Name	
Official Registration Number per DLS	
Site Address	
Authorised Site Representative	
Position of Authorised Site Representative	
E-mail Site Representative	
Telephone Site Representative	
Brief Description of Site's Activities	

COMPANY PROFILE <i>Briefly outline company history and summarise your current products</i>
MANAGEMENT AND GOVERNANCE <i>Provide a brief outline of the management structure and governance</i>

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MILK INTAKE OVERVIEW	
Number of Farmer Suppliers	
Number of Goya / Transporter suppliers	
Volume of milk supplied daily	
Volume of milk dispatched daily	
Volume of milk supplied monthly	
Volume of milk dispatched monthly	
Volume of milk supplied annually	
Volume of milk dispatched annually	

PROJECT OUTLINE	
<i>Briefly outline company history and summarise your current activities</i>	
Please indicate the proposed Eligible Investments	
Purchase of dedicated milk chilling unit with filler system that can draw milk directly from milk delivery tanker. The chilling unit must have the capacity to refrigerate milk to 4°C within 2 hours of milk delivery and 3°C within 4 hours of milk delivery.	
Purchase of a plate cooler that sits between tanker discharge and milk chilling unit, with the capacity to chill milk prior to discharge to the milk chilling unit. Water or Glycol coolers are eligible for investment.	
Purchase of a milk testing unit including test area or dedicated room, that can be used to support a range of milk tests for impurities, antibiotics, added water and fat content.	

Milk Processor Business Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

MILK PROCESSOR DETAILS	
Registered Company Name	
Official Registration Number per DLS	
Registered Business Address	
Authorised Company Representative	
Position of Authorised Person	
E-mail of Authorised Person	
Telephone of Authorised Person	
Brief Description of Company Activities	

CAPITAL INVESTMENT SITE DETAILS	
Registered Site Name	
Official Registration Number per DLS	
Site Address	
Authorised Site Representative	
Position of Authorised Site Representative	
E-mail Site Representative	
Telephone Site Representative	
Brief Description of Site's Activities	

COMPANY PROFILE
<i>Briefly outline company history and summarise your current products</i>

MANAGEMENT AND GOVERNANCE

Provide a brief outline of the management structure and governance

MILK INTAKE OVERVIEW	
Number of Farmer Suppliers	
Number of Goya / Transporter suppliers	
Volume of milk supplied daily	
Volume of milk processed daily	
Volume of milk supplied monthly	
Volume of milk processed monthly	
Volume of milk supplied annually	
Volume of milk processed annually	

MILK PROCESSING OVERVIEW	
What is the largest product manufactured by volume?	
What volume of milk is used in its manufacture / day	
What volume of milk is used in its manufacture / month	
What is the second largest product manufactured by volume?	
What volume of milk is used in its manufacture / day	
What volume of milk is used in its manufacture / month	
What is the third largest product manufactured by volume?	
What volume of milk is used in its manufacture / day	
What volume of milk is used in its manufacture / month	
What is the fourth largest product manufactured by volume?	

What volume of milk is used in its manufacture / day	
What volume of milk is used in its manufacture / month	

PROJECT OUTLINE	
<i>Briefly outline company history and summarise your current products</i>	
Please indicate the proposed Eligible Investments	
Purchase of milk processing equipment that is used in transforming raw unprocessed milk to any of the categories of production as defined by the International Customs Code including 0401 to 0406.	
Purchase of milk handling equipment including milk intake systems, milk intake sampling systems, and milk intake data recording systems.	
Purchase of milk analytical systems that enable the analysis of raw and processed milk and milk products for chemical and biological factors.	

Project Plans

Project Plan for Capital Investment Scheme for Strengthening Food Safety in Meat and Milk Value Chains

OUTLINE THE CURRENT BUSINESS SERVICE YOU PROVIDE

EXPLAIN THE PURPOSE OF THE PROPOSED INVESTMENT AND HOW IT WILL CONTRIBUTE TO STRENGTHENING FOOD SAFETY

WHAT ARE THE MAIN IMPACTS OF THIS INVESTMENT ON YOUR BUSINESS

PROVIDE SPECIFIC DETAILS ON YOUR PROPOSED INVESTMENT
Include costings, specifications, capacity increase. Please attach quotations

OUTLINE TRAINING OR LICENSING REQUIREMENTS ASSOCIATED WITH THIS INVESTMENT

OUTLINE TECHNICAL AND FINANCIAL BENEFITS FROM THIS INVESTMENT

Financial Costings

Company Size:	
Project Title:	
Project Start Date:	
Duration (months):	

Summary of costs

	Amount Requested	Grant Allowable
Animal Transportation – Updated Lorry		
Slaughterhouse - Lairage		
Slaughterhouse – walls, floors		
Slaughterhouse – meat storage area		
Slaughterhouse – boning and cutting facility		
Chilled Meat Transportation		
Retail Outlet – Consumer Chilling		
Retail Outlet – Meat Storage		
Dairy Farm Refrigeration		
Milk Transportation		
Chilling Facility – Milk Chilling Unit		
Chilling Facility – Plate Cooler		
Chilling Facility – Milk Testing Facilities		
Milk Processing – Milk Processing Technologies		
Milk Processing – Milk Handling Facilities		
Milk Processing – Milk Testing Facilities		

BUILDING AND CONSTRUCTION INVESTMENT

Contractor Details	Insert detailed breakdown of all building and associated construction costs	Estimated Cost

MECHANICAL INVESTMENT

Supplier Details	Insert detailed breakdown of all mechanical and associated installation costs	Estimated Cost

ENGINEERING AND ELECTRICAL INVESTMENT

Contractor / Supplier Details	Insert detailed breakdown of all engineering and electrical costs	Estimated Cost

Note

Please attach all technical documentation to this financial breakdown. This should include technical specifications, drawings, plans and expert opinions relevant to the proposed investment.



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