



VANUATU DEPARTMENT OF INDUSTRY



PROVINCIAL INDUSTRY DEVELOPMENT DIVISION
DEPARTMENT OF INDUSTRY
MINISTRY OF TOURISM TRADE COMMERCE & NI-VANUATU BUSINESS

Terms of Reference (ToR)

TECHNICAL ADVISER - ENHANCING ICT FOR TRADE CAPACITIES PROJECT

1. BACKGROUND

It is common knowledge that across the productive and trade facilitation sectors, data collection, data depository (database), data capacity to inform trend, marketing data system, market information system and mobile capacity to remotely collect data competently has been a challenge.

Controversial issues with regards to responsibility, management and ownership of data is not common in Vanuatu. More prevalent and common issues are data integrity, traceability and interoperability. Today rights to and management of data is a sensitive subject because without data, change cannot be measured. The global community has become so connected that “change” has become inevitable where it used to be a scarce reality to see change upfront and revealing. Measuring the impact of change in-terms of a socio-economic background, an agro-based setting, skills development initiative or technological capabilities places great value having access to data and ultimate management and ownership.

¹The National Industrial Development Strategy (NIDS) 2018 – 2020 demonstrates that Micro, Small and Medium Enterprises (MSMEs) are confronted with substantial constraints such as “...poor linkages between companies and with foreign companies (market), lack of market intelligence, disjointed, fragmented supply chains and insufficient economies of scale and pooling of resources.” The cross-cutting factor is how data can be used to address these issues in an inclusive, sustainable and cost-effective manner.

¹ <https://doi.gov.vu/index.php/publications/doi-strategies-plans>



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One of the 2021 government policy targets is to increase exports by improving Vanuatu's capabilities to compete in niche markets further ascertains the fact that both the productive and trade facilitation sectors need to develop strategies that increases production with substantiated data to inform Vanuatu's export capabilities.

2. OBJECTIVE

The international Technical Adviser (TA) will work with the Project Officer (PO) and the Department of Industry (DoI) to implement the following key objectives but not limited to the following:

1. To develop the overall planning, Architectural design, ArcGIS workflows, ArcGIS Enterprise Integration and Agro-Geo based information management system;
2. To develop and implement an institutional capacity building program (training/GIS Mentoring) for the Department of Industry that fits-in well with Vanuatu's context; and
3. To complete ALL required outputs/deliverables as per the contract.

4. SCOPE OF WORK

The TA working with the PO and support from DoI, a dedicated team will carry out stakeholders' consultations to develop the blueprint (design, workflow, capacity needs, software/hardware requirements, integration plan, etc.) needed. The team will have knowledge in GIS, ArcGIS workflows, agro-geo based management information, agriculture production, value chain analysis, supply-chains, information management systems, institutional capacity assessment and policy analysis. Specific priorities will include but not limited to the following:

- Identify areas of location for project intervention and collect baseline information (biophysical and socio-economic) conditions on selected provinces;
- Identify specific areas of interests within the policy-landscape for project intervention and establish baseline information (The People's Plan and Productive and Trade-Related Strategies and Policies);
- Coordinate consultations with government, non-government agencies, project stakeholders, potential project partners, farmers/producers (with attention to stakeholders engaged in information management & GIS-related field work)



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- Organize and facilitate technical and consultative meetings with provincial government and community stakeholders to assist project definition and awareness;
- Undertake institutional capacity assessment for institutions to be involved in the project implementation, and draft a capacity building strategy (including training) to ensure successful project implementation;
- Undertake an information management needs assessment, with particular emphasis on the agro-geo based information management system and GIS;
- Draft a strategy/policy paper for improving knowledge-based decision and security of trade-related data management;
- Facilitate and coordinate integration plan of ArcGIS Enterprise into the existing government network; and
- Facilitate consultations with Ministry of Lands and Natural Resources (MLNR) for purposes of alignment and recommendation in-relation to the National Geospatial Data Policy (NGDP) Review;

5. EXPECTED OUTPUTS & DELIVERABLES

The TA working alongside PO is expected to deliver on these milestones with support Dol that will include the following but not limited to:

- Validated recommendations on areas of location where project intervention becomes crucial, cost-effective, cross-cutting and cutting edge;
- Validated recommendation on areas of interest across productive and trade policy-landscape where project intervention has implications on implementation, reporting, precision farming/production, marketing; intelligence, export development, traceability and monitoring & evaluation;
- Validated response from provincial consultations with key stakeholders taken into consideration during design & planning, workflow, capacity needs, software/hardware requirement;
- Develop and implement institutional capacity building (training) plan for Dol staff and line-government agencies from MTTCNVB and MALFFB, and key producers;



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- Corroborated information management needs assessment taken into consideration during design & planning, workflow, capacity needs, software/hardware requirements and location intelligence;
- Develop skeletal structure of the strategy/policy paper for submission to DoI;
- Develop and implement an integration plan of ArcGIS Enterprise with its requirements (portal, server and data store) into the VanGov network; and
- Consolidate validated recommendations for submission to MLNR for when NGDP is due for review

6. TENTATIVE SCHEDULE AND WORK PLAN

Deliverables/Outputs	Estimated Duration to Complete	Target Due Dates	Review Required
Completion of assessments and validation of baselines (Areas of Location, Areas of Interests & Information Management) and consultation feedbacks/inputs	March – July	July 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P
Responses/feedbacks from stakeholder consultations on system design & planning is completed	April – May	May 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P
Develop and Implement institutional capacity building plan is undertaken	June - September	September 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P
Submission of a satisfactory draft of strategy/policy on Protection and	August – October	October 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P



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Management Trade-Related Data			
Submission of ArcGIS Enterprise Integration Plan into the Vangov Network	September – October	October 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P
Submission of validated recommendations for submission to MLNR intended for NGDP Review	November - December	December 2021	Director Industry Manager VCR&D Manager PID Manager IMS&CI Manager MI&P

7. PROFILE

Background Education Requirement:	Having worked for a reputable GIS company that offer services ArcGIS services and ArcGIS software license in the South Pacific Region
Experience:	<ul style="list-style-type: none"> • At least TEN experience in analytical and practical work in Geospatial Science, GIS, ArcGIS workflows, Applied Rural and Agricultural Geography or related fields in natural sciences • Demonstrated sound capabilities in at least one of the technical areas such as (a) biophysical and socio-economic assessments (b) institutional capacity assessments and policy analysis and (c) agro-geo information management systems; • Demonstrated ability to assess complex situations concisely extracts critical issues, and draw forward-looking conclusions and recommendations; • Ability and experience to work with multidisciplinary teams, and deliver quality reports within the given time; • Excellent business development, negotiation, analytical, research, presentation and communication skills; • Extensive experience in developing and implementing strategies, policies, projects and programs; • Writing and communication will be in English, and must have excellent communication skills in English.



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Language Requirements:	Excellent written and spoken English
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8. LOGISTICS/FIELD WORK

8.1 Location

The TA will be required to travel to Vanuatu if it is an international TA and will be expected to travel outside Port Vila to other provinces.

8.2 Starting Period

The planned starting date of the project is April 2021.

8.3 Duration

The consultation period is 300 hours subject to implementations of the key activities and delivery of expected outputs.

9. REPORTING ARRANGEMENTS

The TA shall report to the Manager Provincial Industry Development on matters relating to the progress and direction of the implementation of the project. Overall performance and evaluation of project implementation is subject to the discretion of Director Industry.