

TECHNICAL SPECIFICATIONS

- I. **PROJECT TITLE** : Consultancy Services for Technical Dive Exploration and Scientific Survey of Catanduanes Island (Qualitative and Quantitative Survey of Marine Biodiversity and Underwater Highlights for Scuba Diving Tourism Development in the Destination)
- II. **PROJECT DATE** : May 27 to June 4, 2024

III. DESCRIPTION

The conduct of the project in Catanduanes allows the thorough exploration and assessment of the area as a potential destination that may be developed for dive tourism purposes through the following:

- Biodiversity assessment of the site's unique features;
- Inventory of existing dive establishments and facilities; and
- Consultations with relevant stakeholders, and workshops for concerned destination managers on dive tourism products and market development and management.

IV. MINIMUM REQUIREMENTS

- A. Must be accredited with the Philippine Government Electronic Procurement System (PhilGEPS); and
- B. Must be willing to provide services on a send bill arrangement.

V. SCOPE AND WORK DELIVERABLES

The Technical Dive Exploration Team must provide the following services:

- A. Pre-exploration data gathering, and validation based on primary and secondary research from interviews/surveys with the local community (i.e., dive shop operators, local divers, and fisherfolk) and information from nautical charts, tide tables, and published reports from valid sources.
- B. Conduct technical and scientific dives at various sites in the destination to collect data through qualitative and quantitative methods such as, but not limited to, the following:
 - Belt-Transect Method (Quantitative) to obtain baseline data of both fish and benthic lifeforms
 - Wide-Area Method (Qualitative) to cover the expansive area outside the belt-transect and provide a closer representation of the site's marine biodiversity
 - Underwater photogrammetry to document the survey area and provide a 3D model of the reef
 - Underwater and aerial photography and videography to report correct representations of the dive sites and determine entry and exit points
- C. Develop a dive tourism development plan with recommendations and strategies to develop a successful scuba diving industry that is economically, environmentally, and socially sustainable for the destination based on results of the technical and scientific assessments
- D. Discuss the initial findings to concerned local government unit (LGU) and private sector representatives

- E. Generate a formal report with all relevant findings from the exploration and assessment, including recommendations and conclusions

VI. TEAM COMPOSITION

The Technical Dive Exploration Team must have the following personnel:

1. Overall Project Manager – 1 pax
2. Technical Diver / Videographer – 1 pax
3. Technical Diver / Photographer – 1 pax
4. Technical Diver / Diver Propulsion Vehicle (DPV) Operator – 2 pax
5. Advanced Open Water Diver (or higher certification level) with Marine Biology Background – 2 pax

Travel arrangements for above personnel (maximum of 7 pax) shall be shouldered by the DOT and will include the following:

1. Roundtrip domestic air tickets from Manila to Virac, Catanduanes inclusive of 40 kg baggage allowance;
2. Roundtrip airport transfers from Virac Airport to assigned accommodation;
3. Accommodation at a DOT Accredited property from May 27 to June 4, 2024;
4. Full board meals from May 27 to June 4, 2024;
5. Dives (max of 2 dives per day per person), inclusive of all applicable environmental and marine park fees.

Expenses outside of the above travel arrangements must be shouldered by the service provider.

VII. SCHEDULE OF ACTIVITIES

The Technical Dive Exploration Team will follow the schedule of activities below:

Day	Activities
May 27, 2024	Travel from Manila to Catanduanes; Gear Set Up Preparatory Coordination and Briefing
May 28 to June 1, 2024	Dive Site Exploration (2 dives per day)
June 2, 2024	Final Data Gathering and Report Preparation
June 3, 2024	Presentation of Findings
June 4, 2024	Travel from Catanduanes to Manila

VIII. RATING CRITERIA

A	APPLICABLE EXPERIENCE OF THE CONSULTANT	
1	Relevance of company portfolio to the project	
	Company or Firm has completed 2 dive exploration projects	10
	Company or Firm has completed 1 dive exploration project	5
	Company or Firm has not completed any dive exploration projects	0
B.	QUALIFICATION OF PERSONNEL WHO MAY BE ASSIGNED TO THE JOB	
1	Work Experience	
a	Overall Project Manager	
	Assigned overall project manager is certified to at least Open Water Scuba Instructor level.	20
	Assigned overall project manager is certified to at least Dive Master level.	10
b	Videographer	
	Assigned videographer is certified to at least Advance Open Water Diver level.	10
	Assigned videographer is certified to Open Water Diver level.	10
	Assigned videographer has no dive certification.	
c	Photographer	
	Assigned photographer is certified to at least Advance Open Water Diver level.	10
	Assigned photographer is certified to Open Water Diver level.	5
	Assigned photographer has no dive certification.	
d	Marine Biologists	
	Both marine biologists have experience working on at least 3 projects involved in conducting marine resource monitoring or reef exploration projects (such as biophysical assessment, fish data gathering, coral data gathering, coral reef assessment).	30
	Both marine biologists have experience working on 1 to 2 projects involved in conducting marine resource monitoring or reef exploration projects (such as biophysical assessment, fish data gathering, coral data gathering, coral reef assessment).	15
	Both marine biologists have no experience working on projects involved in conducting marine resource monitoring or reef exploration projects (such as biophysical assessment, fish data gathering, coral data gathering, coral reef assessment).	0
e	DPV Operators	
	DPV operators are certified to at least Advanced Open Water level.	10
	DPV operators are certified to Open Water Diver level.	5

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	DPV operators have no dive certification.	
C	CURRENT WORKLOAD RELATIVE TO CAPACITY	
1.	Number of on-going similar and related projects relative to capacity	
	No on-going similar and related projects with contract cost equal or greater than the ABC (PHP 469,000.00)	10
	1 or more on-going similar and related projects with contract cost equal or greater than the ABC (PHP 469,000.00)	5
	Total	100
	Passing Rate	70

IX. BUDGET

The total budget for this project is **FOUR HUNDRED SIXTY-NINE THOUSAND PESOS (Php 469,000)** inclusive of all applicable taxes and should cover all requirements enumerated above.


X. CONTACT INFORMATION

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