



TERMS OF REFERENCE: PROPOSAL FOR OPERATION AND MAINTENANCE (“O&M”) SERVICES FOR PROJECT ORIOLE

1. INTRODUCTION

- 1.1 The Terms of Reference (“**TOR**”) outlines the steps and processes required of the proponent for the preparation of the Proposal for Operation and Maintenance (“**O&M**”) services for the Oriole Hydro Hulu Padas 162MW Plant Project (hereinafter referred to as “**Project**”).
- 1.2 Oriole Hydro Padas Sdn. Bhd. (202101042306 (1442606-D)) (hereinafter referred as “**Employer**” and/or “**Oriole**”), intends to set up a run-of-river cascading hydroelectric power plant scheme along Sungai Padas in the state of Sabah which comprises two (2) generating facilities as follows:
 - (1) Padas 1 Generating Facility (55MW); and
 - (2) Padas 2 Generating Facility (107MW).
- 1.3 To assist Oriole with operation and maintenance of the hydroelectric power plant, Oriole requires an O&M service provider with the relevant experience to provide comprehensive services inclusive of operational excellence, plant reliability, sustainability, compliance, and innovation.
- 1.4 The O&M service provider shall be employed by Employer for a duration of twenty (20) years with an option for renewal based on mutual agreement and performance reviews.
- 1.5 The Employer is inviting proposals from qualified service providers for appointment as O&M service provider for the hydroelectric power plant.
- 1.6 This Terms of Reference (“**TOR**”) shall be deemed to form part of the contract.

2. SCHEDULE

- 2.1 The timeline for the RFP is summarized as follows:

Milestone	Date
Submission Closing Date	7 February 2025 (12.00pm)
Opening of Technical Proposal	8 February 2025
Opening of Price Proposal	14 February 2025
Issuance of Letter of Award	18 February 2025
Signing O&M Agreement	28 February 2025

3. MINIMUM QUALIFICATION OF THE PMC

- 1.3 The minimum qualifications of the O&M service provider include but are not limited to the following:
- 1.3.1 Proven experience in managing O&M for hydroelectric power plants, including turbines, generators, and auxiliary systems, preferably in Sabah, Malaysia.
 - 1.3.2 Expertise in using advanced diagnostic tools, real-time monitoring systems, and predictive maintenance techniques.
 - 1.3.3 Availability of a multidisciplinary engineering team, including specialists in electrical, mechanical, civil, geotechnical, and instrumentation engineering.
 - 1.3.4 Access to or partnerships with Original Equipment Manufacturers (OEMs) for technical support, spare parts, and system updates.
 - 1.3.5 Capability to conduct in-house non-invasive testing and perform root cause analysis.
 - 1.3.6 Demonstrated financial stability through audited financial statements from the past two (2) years.
 - 1.3.7 Thorough knowledge of local and international regulatory standards related to hydropower plant operations, environmental sustainability, and occupational health and safety standards.
 - 1.3.8 Availability of legal expertise to manage liabilities, employment contracts, vendor negotiations, and regulatory adherence.

4. FURTHER INFORMATION

- 4.1 The full Terms of Reference may be purchased for a total of Ringgit Malaysia Ten Thousand only (RM 10,000.00), to be paid via electronic transfer to:

Recipient : Oriole Hydro Padas Sdn. Bhd.
Account No. : 5641 6445 9870
Bank : Maybank
SWIFT Code : MBBEMYKL
Reference : Oriole O&M TOR

- 4.2 Interested proponents can obtain the full Terms of Reference by submitting a written request (either physical or digital) accompanied by proof of payment, to the following address:

Procurement Department
Oriole Hydro Padas Sdn. Bhd.
Unit 25-01, Level 25, Menara Felda,
11 Persiaran KLCC
50088 Kuala Lumpur, Malaysia
Email: procurement@jentayu-sustainables.com

The full Terms of Reference will only be released upon confirmation of receipt of funds.

The full Terms of Reference will only be released upon confirmation of receipt of funds. Under no circumstances will O&M Proposal submissions be considered without confirmation of payment by the respective proponent(s) before the Submission Closing Date.