



SEB Power Sdn. Bhd. (201501029294/1154615-U)
A Subsidiary of Sarawak Energy Berhad

**TENDER FOR COMPLETION OF REMAINING WORKS OF BALEH HYDROELECTRIC PROJECT MAIN CIVIL WORKS
(PACKAGE BLP5)**

TENDER NOTICE

Suitably qualified tenderers are invited for the Tender for Completion of Remaining Works of Baleh Hydroelectric Project Main Civil Works (Package BLP5) stated as follows:

Tender Reference No.	Title	Eligibility Requirements to Participate in the Tender
SBP-170816-BLP5	Completion of Remaining Works of Baleh Hydroelectric Project Main Civil Works (Package BLP5)	<ol style="list-style-type: none">1. Tenderer has successfully completed Main Civil Work for a Hydroelectric Dam Project in excess of USD 300 million in the last 15 years from the date of Tender Float; or2. If the Tenderer is the form of consortium or JV, any one of the consortium/JV member has successfully completed Main Civil Work for a Hydroelectric Dam Project in excess of USD300 million in the last 15 years from the date of Tender Float.

Instruction to Tenderers:

Mandatory Requirements to Submit the Tender

Tenderers shall comply with the followings:

1. Design experience in at least 150m height Concrete Faced Rockfill Dam (CFRD) dam project in the last 20 years from the date of Tender Float;
2. Construction experience in at least 1 CFRD dam project exceeding 70m height in the last 20 years from the date of Tender Float; and
3. Tunnelling experience in at least 1 project in the last 15 years from the date of Tender Float.
****Interested tenderers are required to produce evidence of fulfilling above-mentioned mandatory requirements. Failing which, your intention will be rejected.***

General Instructions

1. This tender exercise will be conducted on an online Ariba platform. The entire event will be managed by SEPRO (Sarawak Energy e-Procurement) Team on behalf of SEB Power Sdn. Bhd. Tender details are available for viewing at <https://etender.sarawakenergy.com>
2. Please note that all Tenderers are required to register in SEPRO to participate in this tender. If your company is not registered in SEPRO, please allow ample time to complete registration. Vendors can self-register to SEPRO via the URL <http://bit.ly/register2SEPRO>. The registration is free of charge.
3. Interested Tenderer that meets the eligibility is required to do the following steps:
 - A. Email your interest to participate for this tender exercise to AskSepro@sarawakenergy.com. Please include the following details:
 - Tender Reference:
 - Tender Title:
 - Company Contact Person:
 - Company Name:
 - Phone Number:
 - Email Address:
 - (Attach all softcopy of evidence for mandatory requirement)
4. Tenderers shall attend Tender Briefing and Site Visit held as follows. Tenderers who failed to attend the Tender Briefing and Site Visit may be disqualified by Sarawak Energy.

	Tender Briefing	Site Visit
Date and Time	10 June 2024 at 9.00 a.m.	11 June 2024 – 14 June 2024 at 9.00 a.m.
Venue	Baleh HEP Project Site	Baleh HEP Project Site

ONLY shareholders, directors or Company's authorized personnel (through company's authorisation letter) shall be allowed to attend the Tender briefing and Site Visit.

All tenderers must bring along the authorisation letter to inform the Employer of the persons that will be attending the tender briefing and site visit on its behalf during the Tender Briefing and Site Visit.

5. Tender documents can only be accessible to the Tenderer after registration.
 - A. SEPRO team will acknowledge receipt upon receiving your email on interest to participate. If you have any inquiries on SEPRO please contact us at the following channel:
 - Email: AskSepro@sarawakenergy.com
 - Guide: <http://bit.ly/seprohelpdesk>
 - Phone: +6 082 330127
Monday to Thursday : (GMT+8) 9.00am – 1.00pm and 2.00pm – 4.00pm
Friday : (GMT+8) 9.00am – 11.30am and 2.30pm – 4.00pm

Note: Sarawak Energy Berhad is not liable for any cost incurred by the Tenderer in preparing the tenders.

Tender submission shall be submitted online through SEPRO system no later than 3:00 p.m. (Malaysia Local Time) on the date specified below.

Tender Reference Number	Closing Date	Closing Time
SBP-170816-BLP5	Wednesday, 17 July 2024	3.00 p.m.

All enquiries regarding the Tender should be addressed to:

Project Delivery
Sarawak Energy Berhad,
Level 6, Menara Sarawak Energy
No.1, The Isthmus
93050 Kuching, Sarawak.
Attention: General Manager, Baleh HEP
Tel. No.: +6 082 – 388 388
Fax No.: +6 082 – 344 588

DESCRIPTION / SPECIFICATIONS

1 PURPOSE

The purpose of this tender process is to procure Tender Offer from suitably-qualified and experienced contractors to undertake to design, take over Existing Works and complete the balance of Main Civil Works of Baleh Hydroelectric Project (Package BLP5).

Large industrial customers have already invested heavily within Sarawak and the Baleh Hydroelectric Project, is being developed by the Employer, as part of the SCORE initiative, to meet the strong customer demand for clean, sustainable energy.

The Project is intended to be developed in conformance with Hydropower Sustainability Standard (HSS). The Tenderer is expected to fully comply with all the relevant minimum requirements of the standard. The Employer shall perform formal assessment and certification on HSS compliance during execution of the Works.

2 BACKGROUND

The Sarawak Corridor of Renewable Energy ("SCORE") is an initiative of the State Government of Sarawak, with the aim of developing available natural resources to provide a basis for transforming Sarawak into a modern, high income economy, thereby creating greater employment opportunities for all Sarawakians across future generations.

The Employer is wholly-owned by the State Government of Sarawak and is responsible for the generation, transmission and distribution of electricity to industrial and residential customers within Sarawak.

Large industrial customers have already invested heavily within Sarawak and the Baleh Hydroelectric Project, is being developed by the Employer, as part of the SCORE initiative, to meet the strong customer demand for clean, sustainable energy.

The Project is intended to be developed in conformance with Hydropower Sustainability Standard (HSS). The Tenderer is expected to comply with all the relevant minimum requirements of the standards. The Employer shall perform formal assessment and certification on HSS compliance during execution of the Works.

3 THE PROJECT

The Project is located in a sparsely populated area in the south-west of Sarawak on the Baleh River approximately 3 km upstream of the confluence with the Putai River and some 95 km upstream of the confluence with the Rajang River.

The dam axis is located about 400 m upstream of an acute left bend in the river with the downstream toe of the dam encroaching into the river bend. Two diversion tunnels are provided on the left side of the river, with the respective inlet and outlet portals being sited about 1 km upstream and downstream of the river bend. The power intake structure is on the left abutment immediately

adjacent to the dam and connected by road to the dam crest. Surface penstocks connect the power intake structure to the surface power station on the left river bank about 500 m downstream of the river bend. The spillway consists of a gated ogee crest structure, located about 100 m east of the power intake structure, and a concrete-lined spillway chute terminating in a flip bucket about 100 m downstream of the diversion tunnel outlet portals. Temporary low level outlet works connected to one of the diversion tunnels and terminating in an energy dissipation structure upstream of the diversion outlet portal are provided to enable the release of environmental flows and maintain the river navigable during first filling of the reservoir. Once the reservoir is impounded, the low level outlet works will be permanently sealed. No bottom outlet is provided for the dam.

Main access to the right bank area of the Project is via Jetty C, which is located on the right bank of the Baleh River about 1.2 km downstream of the confluence with the Putai River, and connects to a local access road leading to the Operator's Village and, via two new bridges across Dapu River and Putai River, to the dam site on the right bank of Baleh River. The right bank area of the Project may also be accessible via a network of temporary logging roads from Taman Baleh located at the confluence of the Rajang River with the Baleh River.

When completed, the Project will comprise the following main features:

- (a) Plugged, twin 12 m diameter, horse-shoe shaped, diversion tunnels and related low level outlet works, utilized only during the construction phase of the Project.
- (b) 188 m high concrete faced rock fill dam (CFRD) with a full supply level at EL 220.00;
- (c) Gated spillway structure, located beyond the left abutment of the dam, comprising an approach area, gated crest, concrete lined spillway chute and flip bucket discharging flood flows into an unlined plunge pool;
- (d) Power intake, located on the left abutment adjacent to the dam, including water inlet training logs, trashracks, and generating unit inlet bay maintenance gates and guard gates.
- (e) Surface power station, located between the base of the dam left abutment and the spillway chute, with a total rated capacity of 1,285 MW;
- (f) Five surface penstocks leading from the power intake structure to the power station;
- (g) Hydromechanical plant and equipment at the spillway, power intake, and power station.
- (h) Electromechanical plant and equipment at the spillway, power intake, and power station, including five generating units, each with a rated capacity of 257 MW.
- (i) Indoor 500 kV gas insulated switching station (GIS), located adjacent to the upstream wall of the power station.
- (j) Twin 500 kV transmission lines.
- (k) Permanent access roads;
- (l) Bridges across the Putai River and the Dapu River;
- (m) Jetty structure at the Baleh River; and

(n) Operator's Residence for the Employer's operation and maintenance staff.

The reservoir created by the dam will have a proposed storage capacity of around 30 billion m³, and a reservoir surface area at full supply level of around 588 km².

4 THE WORKS

The engineering, procurement and construction activities to be undertaken by the Contractor include provision of the following:

- (a) River Diversion
- (b) Dam
- (c) Spillway
- (d) Power Intake
- (e) Penstocks
- (f) Low Level Outlet and River Diversion Closure
- (g) Miscellaneous Works
- (h) Facilities and Services Provided by the Contractor The scope of Works shall include all associated project management, administration and compliance work required to be performed in accordance with the matters set out in the Tender Documents to ensure the Contractor's strict adherence to the Employer's requirements for the Works.

Based upon the current Project schedule, the Commencement Date of the Works is scheduled to be on or around 2 January 2025 (tentative), with scheduled completion of the Works being 24 October 2030.

5 COMMERCIAL BASIS FOR TENDER OFFERS

Tender Offers shall be submitted in accordance with the requirements set out in the Tender Documents.

The Conditions of Contract are based upon the Employer's standard terms and supported by Contract Appendices that collectively set out and describe the Employer's requirements for the Works.

The Contract Price Schedule for the Works comprises of Lump Sum Items, Measured Items, and Provisional Sums.