



**Invitation to Pre-Qualification
 Manufacturer for Supply of Equipment
 EGAT's Hydro Power Plant**

Electricity Generating Authority of Thailand (EGAT) issues this Invitation for the purpose of selecting pre-qualified technically competent manufacturers who are interested to supply equipment for EGAT's Hydro Power Plant. Manufacturers who are interested in responding to this Invitation ("Potential Candidates") shall complete a registration and submit Pre-qualification Proposal in accordance with this Invitation.

1. List of Equipment in Pre-qualification

The Pre-qualification of Manufacturers of Equipment includes the following:

1.1 Common Equipment

Item	Equipment
1	Instrument
	- Temperature Element and Transmitter
	- Pressure Element and Transmitter
	- Differential Pressure and Transmitter
	- Level Element and Transmitter
	- Flow Element and Transmitter
	- Water Contamination in Oil
	- Position Sensor / Displacement Sensor / Stoke Sensor
	- Speed Sensor and Creep Detector
2	Programmable Logic Controller (PLC)
	- PLC

1.2 Electrical Equipment

Item	Equipment
1	Generator and Auxiliary Equipment
	- Generator
	- Fire Extinguishing System for Generator
	- Air Gap Monitoring System
	- Vibration Monitoring System

Item	Equipment
2	Excitation System
	- Excitation Transformer
3	Medium Voltage Switchgear
	- Generator Circuit Breaker
	- Medium Voltage Circuit Breaker
	- Disconnecting Switch
4	Control, Metering and Protection System
	- Distribution Control System (DCS) and Human Machine Interface (HMI)
	- Supervisory Control and Data Acquisition (SCADA)
	- Automatic Synchronization
	- Protection for Generator & Main Transformer
5	Station Service System
	- Battery
	- Charger & Inverter

1.3 Mechanical Equipment

Item	Equipment
1	Turbine
	- Turbine
2	Mechanical Auxiliary Equipment
	- Valve
	- Strainer
	- Cyclone/Sand Separator

2. Availability of Pre-qualification Documents and Registration

Potential Candidates shall register at website http://fprocurement.egat.co.th/pre_qualification and download Pre-qualification Documents free of charge from February 15, 2021 to March 1, 2021. ***Only registered Potential Candidates of each equipment can submit Pre-qualification Proposal for the equipment they have registered.***

It is Potential Candidates' responsibility to carefully study all of the terms and conditions of this Invitation and Pre-qualification Documents.

3. Submission of Pre-qualification Proposal

Pre-qualification Proposal shall be submitted on March 31, 2021 During 08.30 hrs. to 12.00 hrs, Bangkok Standard Time.

Pre-qualification Proposal may be submitted either by mail or hand carriers as follows:

If deliver by mail or hand carried prior to the submission date, deliver to:

International Procurement Department - Generation, Power Plant Development
and Renewable Energy Segment
Procurement and Inventory Management Division
Room 303, 3rd Floor, Building No. TOR 082
Electricity Generating Authority of Thailand
Bang Kruai, Nonthaburi 11130
Thailand
Telephone no. 662 433 9774

If hand carried on the submission date, deliver to:

Bidding Room, 1st Floor, Building No. TOR 082
Electricity Generating Authority of Thailand
Bang Kruai, Nonthaburi 11130
Thailand
Telephone no. 662 433 9774

ELECTRICITY GENERATING AUTHORITY OF THAILAND

February 15, 2021



(Miss Chattiya Chandhanayingyong)

Chief,

International Procurement Department - Generation,
Power Plant Development and Renewable Energy - Segment
Procurement and Inventory Management Division