

Pre-Qualification Documents

Supply and Repair Services of Gas Turbine Parts for EGAT Accepted Gas Turbine Parts Vendor Lists

1. Introduction

Electricity Generating Authority of Thailand hereafter referred to as EGAT is Thailand's leading state-owned power utility under the Ministry of Energy, with its principal role in power development planning and electricity generating and transmitting to meet the country's requirements.

To enhance EGAT's procurement efficiency and to support the electricity generating under Thailand's Power Development Plan, EGAT establishes Pre-Qualification to select the vendors who are qualified to be registered as EGAT's Vendors for Supply and Repair services of Gas Turbine Parts (Pre-Qualified Vendors).

2. List of Parts for Pre-Qualification

The Pre-Qualification of Vendors for Supply and Repair Services includes the following:

2.1 Supply of Gas Turbine Parts

Item	Manufacturer	Parts Model
1	Siemens	SGT5-4000F/ SGT5-8000H
2	Mitsubishi	M701D / M701F
3	General Electric	9FA.04 / 9HA.02
4	Ansaldo Energia	GT26 (Rating 2011)

2.2 Repair Services of Gas Turbine Parts

Item	Manufacturer	Parts Model
1	Siemens	SGT5-4000F/ SGT5-8000H
2	Mitsubishi	M701D / M701F
3	General Electric	9FA.04 / 9HA.02
4	Ansaldo Energia	GT26 (Rating 2011)

2.3 List of Parts

Item	Parts Description
Combustion Parts	
1	Fuel Nozzle, Dual Fuel Nozzle, EV Burner (EV17I), EV Frontsegment, EV Innersegment, EV Dual Lance, EV Outersegment, SEV Burner, SEV Inner Liner Segment, SEV Lance (IC), SEV Outer Liner Segment, HPT-OGV (SEV Diffusor), Uni-Body
2	Cap Assembly
3	Combustor Basket, Combustion Liner
4	Transition Piece
5	Packing Ring Assembly

Item	Parts Description
Turbine Moving Parts	
6	HPT Blade
7	HPT Heat Shield
8	HPT Vane
9	Turbine Moving Blade #1, 1 st Stage Bucket, LPT Blade Row 1
10	Turbine Moving Blade #2, 2 nd Stage Bucket, LPT Blade Row 2
11	Turbine Moving Blade #3, 3 rd Stage Bucket, LPT Blade Row 3
12	Turbine Moving Blade #4, LPT Blade Row 4
Turbine Stationary Parts	
13	Turbine Stationary Blade #1, Vane #1, 1 st Stage Nozzle, LPT Vane Row 1
14	Turbine Stationary Blade #2, Vane #2, 2 nd Stage Nozzle, LPT Vane Row 2
15	Turbine Stationary Blade #3, Vane #3, 3 rd Stage Nozzle, LPT Vane Row 3
16	Turbine Stationary Blade #4, Vane #4, LPT Vane Row 4
Guide Ring	
17	Guide Ring #1
18	Guide Ring #4
Heat Shield	
19	Ceramic Heat Shield, Tiles
20	Metallic Heat Shield
21	Ring Segment #1, 1 st Stage Shroud
22	Ring Segment #2, 2 nd Stage Shroud
23	Ring Segment #3, 3 rd Stage Shroud
24	Ring Segment #4
25	Stator Heat Shield A (SHSA), B (SHSB), C (SHSC), D (SHSD)
26	Rotor Heat Shield A (RHSA), B (RHSA), C (RHSC), D (RHSD)
Compressor Parts	
27	Inlet Guide Vane (IGV)
28	Compressor Parts (Moving and Stationary)
Others	
29	Other main parts for Hot Gas Path Parts (Please specify)

3. Potential Candidates means the vendors of Gas Turbine Parts who propose the Pre-Qualification Proposal, and in case of qualified with EGAT requirements in compliance with this Invitation and Pre-Qualification Documents, will be registered in the “EGAT Accepted Gas Turbine Parts Vendor Lists”.

4. Technical and Commercial Requirements

The qualifications of Potential Candidates shall be consisting of the technical and commercial requirements in compliance with the Invitation and Pre-Qualification Documents

Potential Candidates who fail to provide information which demonstrates their compliance with any of the technical requirements and commercial requirements to EGAT’s satisfaction shall not be eligible to be registered as EGAT’s Pre-Qualified Vendors.

5. Pre-Qualification Process and Revocation Process for Supply and Repair Services of Gas Turbine Parts

5.1 Pre-Qualification Process for Supply and Repair Services of Gas Turbine Parts

- i. The Pre-Qualification documents including technical and commercial requirements are available for download free of charge at website <https://fprocurement.egat.co.th/prequalification/en>.
- ii. EGAT's Pre-Qualification Evaluating Committee will consider the Pre-Qualification Proposal and/or visit the Potential Candidates' workshop facilities (Workshop Visit).
- iii. In case any information in the Pre-Qualification Proposal is found insufficient for EGAT's consideration, such Potential Candidates will be required to submit or inform supplemental information during and after the Pre-qualification Process for the purpose of EGAT's consideration within the date specified by EGAT's Pre-Qualification Evaluating Committee.
- iv. In case Potential Candidates will not submit supplemental information as requested by EGAT, or the supplemental information submitted is still found insufficient for EGAT's satisfaction, such Potential Candidates shall not be eligible to be registered as EGAT's Pre-Qualified Vendors.

EGAT will announce "EGAT Accepted Gas Turbine Parts Vendor Lists" at website <https://fprocurement.egat.co.th/prequalification/en> after EGAT's Pre-Qualification Evaluating Committee has concluded Pre-qualification Process. The disqualified Potential Candidates will be informed individually via our notification letter.

- v. EGAT reserves the right to cancel the Invitation and Pre-Qualification Documents at any time upon EGAT's notification. Potential Candidates shall not be entitled to claim EGAT for any losses and/or damages in this connection.
- vi. The Pre-Qualified Vendors for Supply and Repair Services of Gas Turbine Parts shall remain in the "EGAT Accepted Gas Turbine Parts Vendor Lists" until they are revoked as specified in Article 5.3
- vii. After our announcement of the "EGAT Accepted Gas Turbine Parts Vendor Lists", for each specific Parts Model specified in Article 2., only Vendors for Supply or Repair Services of Gas Turbine Parts in the Lists may submit their proposals during EGAT's procurement stage.

5.2 The Pre-Qualification for the new Vendors for Supply and Repair Services of Gas Turbine Parts and the re-evaluation of the existing Vendors will be conducted every 3 years or as necessary.

5.3 Revocation Process of Pre-Qualified Vendors for Supply and Repair Services of Gas Turbine Parts

5.3.1 Pre-Qualified Vendors for Supply and Repair Services of Gas Turbine Parts shall be revoked at any time from the "EGAT Accepted Gas Turbine Parts Vendor Lists" under any of the following conditions:

- a) Being named in the List of Work Abandoners published by government agencies or by EGAT; or

- b) Being a contractor, whose contract is terminated by EGAT, or having defect(s) or failure(s) in his work that cause any damage or loss to EGAT; or
- c) Having pending claim(s) by EGAT against him; or
- d) The Parts provided having defect(s) which make the Parts unable to be put into use in EGAT's system, or having defect(s) or failure(s) in his work that cause any damage to EGAT;

EGAT reserves the right to revoke such Pre-Qualified Vendor in “EGAT Accepted Gas Turbine Parts Vendor Lists” at any time upon our consideration.

5.3.2 EGAT will inform the revocation result of Pre-Qualified Vendors for Supply and Repair Services of Gas Turbine Parts to the revoked Vendors. As a result, “EGAT Accepted Gas Turbine Parts Vendor Lists” will be updated and announced at the below website:
<https://fprocurement.egat.co.th/prequalification/en>.

5.3.3 In case the Pre-Qualified Vendors for Supply and Repair Services of Gas Turbine Parts are revoked from the “EGAT Accepted Gas Turbine Parts Vendor Lists” during the time in which the revoked Vendors are proposing in a specific bid, their associated proposals shall not be eligible for such bid and shall be rejected.

The revoked Pre-Qualified Vendors shall not be entitled to claim EGAT for any losses and/or damages in this connection.

6 Preparation of Pre-Qualification Proposal

6.1 Pre-Qualification Proposal shall be those of the proposed entity only. All information, documents, and other evidences presented by Potential Candidates shall be certified as true by their authorized representative. If any candidate presents false information or false documents or false evidence to EGAT, those of such candidate shall not be considered in EGAT’s Pre-Qualification process.

6.2 Potential Candidates shall submit their Pre-Qualification Proposal in accordance with technical and commercial requirements as stipulated in Article 4. The Pre-Qualification Proposal shall be furnished one (1) set of electronic file(s) or soft copy (PDF format or compressed files in Zip formats), not exceeding twenty-five (25) megabyte (MB) per email message, manually signed in ink or digitally signed by a person or persons duly authorized and affixed with corporate seal (if any), to EGAT no later than the Pre-Qualification Proposal Submission Date.

The letter of authorization shall be indicated by written power-of-attorney accompanying the proposal.

In case any Potential Candidate proposes two (2) or more Parts Models, such Potential Candidate may submit only one (1) set of electronic file(s) of evidence(s) for commercial requirements specified in Article 4.

The Pre-Qualification Proposal shall be submitted via email address: piyanop.pada@egat.co.th

Potential Candidates may redact any confidential information set out in Pre-Qualification Proposals but they should ensure that sufficient unredacted information therein is provided to enable EGAT to evaluate the Pre-Qualification Proposal during EGAT's Pre-Qualification process.

6.3 All Pre-Qualification Proposal, information, clarifications, correspondences and other written documentation shall be in English.

6.4 Potential Candidate's Contact Person

Potential Candidates shall inform their Contact Person in Pre-Qualification Form for Supply and Repair Services of Gas Turbine Parts.

Written clarification from any other person or verbal contact shall not be accepted.

6.5 Potential Candidates shall bear all costs associated with the preparation and submission of his Pre-Qualification Proposal and EGAT will in no case be liable for those costs, regardless of the conduct or outcome of the Pre-Qualification process.
