



Pre-Qualification Document

Manufacture and Repair Services of Gas Turbine Parts

EGAT's Spare Parts Management

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 seek for efficient vendors who are qualified to deliver high-quality Manufacture and repair services of Gas Turbine Parts for EGAT's Spare Parts Management (Pre-Qualified Vendors).

2. List of Parts in Pre-Qualification

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

2.1 Manufacture of Gas Turbine Parts

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

2.3 List of Parts

Item	Parts
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)
2	Cap Assembly
3	Combustor Basket, Combustion Liner
4	Transition Piece
Turbine Moving Parts	
5	HPT Blade
6	HPT Heat Shield
7	HPT Vane
8	Turbine Moving Blade #1, 1 st Stage Bucket, LPT Blade Row 1
9	Turbine Moving Blade #2, 2 nd Stage Bucket, LPT Blade Row 2
10	Turbine Moving Blade #3, 3 rd Stage Bucket, LPT Blade Row 3
11	Turbine Moving Blade #4, LPT Blade Row 4
Turbine Stationary Parts	
12	Turbine Stationary Blade #1, Vane #1, 1 st Stage Nozzle, LPT Vane Row 1
13	Turbine Stationary Blade #2, Vane #2, 2 nd Stage Nozzle, LPT Vane Row 2
14	Turbine Stationary Blade #3, Vane #3, 3 rd Stage Nozzle, LPT Vane Row 3
15	Turbine Stationary Blade #4, Vane #4, LPT Vane Row 4
Guide Ring	
16	Guide Ring #1
17	Guide Ring #4
18	Packing Ring Assembly
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)

Item	Parts
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 register, propose the Proposal, and in case of qualified by EGAT requirements, will be listed in the “EGAT Accepted Gas Turbine Parts Vendor Lists”.

4. Technical and Commercial Requirements

Potential Candidates shall have qualifications in accordance with the technical requirements as specified in the attachment to this Pre-Qualification document.

Commercial requirements will be considered during each individual bid except for the following qualification which Potential Candidates for this Pre-Qualification shall comply with in order to be qualified as Pre-Qualified Vendors:

1. The Potential Candidate shall be well-established and maintain a permanent place of business and shall submit the copy of evidence for this qualification issued by government authority such as, but not limited to, affidavit of incorporation or tax registration.

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

5. Pre-Qualification and Revocation Process

5.1 Pre-Qualification Process

The process of Pre-Qualification will be as follows:

- i. The Pre-Qualification documents and technical and commercial requirements are available for download free of charge at website http://fprocurement.egat.co.th/pre_qualification.
- ii. Potential Candidates who wish to attend the Pre-Qualification must complete the registration at website http://fprocurement.egat.co.th/pre_qualification before submitting Pre-Qualification Proposal together with reference documents or evidences.

- iii. EGAT's Pre-Qualification Evaluating Committee will consider the submitted Pre-Qualification Proposal.
- iv. In case the information in the submitted Pre-Qualification Proposal is not sufficient for EGAT's consideration, it will be informed to Potential Candidates. The Potential Candidates shall submit supplemental information within the date specified by EGAT's Pre-Qualification Evaluating Committee.

In case the Potential Candidate does not submit supplemental information as requested by EGAT, or the supplemental information submitted is still not sufficient for EGAT's consideration to its satisfaction, such Potential Candidate shall not be eligible to be registered as EGAT's Pre-Qualified Vendors.

EGAT will announce the Pre-Qualified Vendors in "EGAT Accepted Gas Turbine Parts Vendor Lists" at website http://fprocurement.egat.co.th/pre_qualification after EGAT's Pre-Qualification Evaluating Committee has concluded the consideration. The disqualified Potential Candidates will be informed in writing.

EGAT will finish the consideration no later than one hundred and eighty (180) calendar days after the Pre-Qualification Proposal was submitted or at any time that EGAT deems appropriate. In case the Pre-Qualification Proposal has not sufficient information for EGAT's consideration, EGAT will finish the consideration no later than two hundred and ten (210) calendar days after the Pre-Qualification Proposal with complete information was submitted or at any time that EGAT deems appropriate.

- v. EGAT reserves the right at its sole discretion to cancel or cease the Pre-Qualification at any time upon EGAT's notification. All costs incurred by the Potential Candidates in Proposal preparation and submission shall be at their own accounts and will not be reimbursed by EGAT.
- vi. The Pre-Qualified Vendors for Manufacture 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 the announcement of the "EGAT Accepted Gas Turbine Parts Vendor Lists", for each specific Parts Model specified in Article 2., only those in the Lists with at least three (3) qualified Vendors for Manufacture or Repair Services of Gas Turbine Parts will be eligible for EGAT's procurement.

5.2 The Pre-Qualification for the new Vendors for Manufacture 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 Manufacture and Repair Services of Gas Turbine Parts

5.3.1 Pre-Qualified Vendors for Manufacture 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) The Parts provided having defects which make the Parts unable to be put into use in EGAT's system; or
- b) The Parts provided having defects or failures that cause damage to EGAT;

EGAT reserves the right at its sole discretion to revoke the accepted Vendor in “EGAT Accepted Gas Turbine Parts Vendor Lists” at any time upon EGAT’s consideration.

5.3.2 EGAT will inform the revocation of Pre-Qualified Vendors for Manufacture and Repair Services of Gas Turbine Parts to the revoked Vendors. “EGAT Accepted Gas Turbine Parts Vendor Lists” will be updated and announced at website http://fprocurement.egat.co.th/pre_qualification

5.3.3 In case the Pre-Qualified Vendors for Manufacture 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 not be considered.

5.3.4 The revoked Pre-Qualified Vendors will not be reimbursed for any expenses incurred in preparing and submitting his Pre-Qualification Proposal and shall have no right of claim for any costs, expenses, losses and or damages resulting from such revocation including any expenses or loss of benefits in future bidding.

5.4 Change in Technical Requirements

After the Pre-Qualification, in case there is any change(s) made to the technical requirements, EGAT may

- (i) inform those already in the “EGAT Accepted Gas Turbine Parts Vendor Lists” at least ninety (90) calendar days in advance of such change, in order that they shall be able to re-submit their Pre-Qualification Proposals as per the new technical requirements for EGAT's consideration or
- (ii) cancel the “EGAT Accepted Gas Turbine Parts Vendor Lists” of such Parts Model as EGAT deems appropriate.

6 Preparation of Pre-Qualification Proposal

6.1 Potential Candidates shall submit Pre-Qualification Proposal as follows:

1. Technical Part

Pre-Qualification Proposal in accordance with technical requirements as stipulated in Article 4 shall be submitted in electronic form (PDF format) via a USB Flash Drive together with one (1) original hard copy in sealed envelope, which shall be manually signed in ink by a person duly authorized, to EGAT on the date specified for the Proposal submission.

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

2. Commercial Part

Pre-Qualification Proposal in accordance with commercial requirement as stipulated in Article 4 shall be submitted in electronic form (PDF format) via a USB Flash Drive together with one (1) original hard copy in sealed envelope, which shall be manually signed in ink by a person duly authorized, to EGAT on the date specified for the Proposal submission.

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

In case one (1) Potential Candidate would like to propose two (2) or more Parts Model, the Potential Candidate may submit only one (1) original hard copy and electronic file(s) of evidence(s) for commercial requirements indicated in Article 4.

The technical part and the commercial part of Pre-Qualification Proposal shall be submitted separately in folders electronically and in sealed envelopes as a hard copy.

Table of submitted documents, as example below, shall be submitted together with the Proposal.

Table of submitted documents				
No.	Descriptions	File Name	Size (MB)	Pages
1	Supply Record Form of Nozzle	Nozzle.pdf	2.2	18
2	Affidavit of Incorporation	AFD&Declaration.pdf	10.5	36

6.2 Potential Candidates who will submit Pre-Qualification Proposal must be a registrant of the Pre-Qualification of Vendors for Manufacture and Repair Services of Gas Turbine Parts.

In case the Potential Candidate is not the registrant of the Pre-Qualification, the registrant shall notify EGAT the change of the name of the Potential Candidate in writing prior to the Pre-Qualification Proposal submission.

EGAT reserves the right to consider only the Pre-Qualification Proposal proposed by a registrant of the Pre-Qualification of Vendors for Manufacture and Repair Services of Gas Turbine Parts.

- 6.3 All experiences and qualifications to be submitted under this Pre-Qualification shall not be later than Pre-Qualification register closing date.
- 6.4 All information and documents shall be prepared in English.
- 6.5 Potential Candidate's Contact Person.

In case EGAT needs explanation of the details of the Pre-Qualification Proposal, EGAT will directly contact the person(s) whose name(s) is/are indicated below only:

Name _____

Address _____

Telephone Number _____

Email _____

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

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