



## Invitation to Pre-Qualification

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

Electricity Generating Authority of Thailand (EGAT) invites Potential Candidates to complete a registration prior to submission of Pre-Qualification Proposal for Supply and Repair Services of Gas Turbine Parts in accordance with this Invitation.

#### 1. List of Parts for Pre-Qualification

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

##### 1.1 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)

##### 1.2 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)

##### 1.3 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)
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 <sup>st</sup> Stage Bucket, LPT Blade Row 1
10	Turbine Moving Blade #2, 2 <sup>nd</sup> Stage Bucket, LPT Blade Row 2
11	Turbine Moving Blade #3, 3 <sup>rd</sup> 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 <sup>st</sup> Stage Nozzle, LPT Vane Row 1
14	Turbine Stationary Blade #2, Vane #2, 2 <sup>nd</sup> Stage Nozzle, LPT Vane Row 2
15	Turbine Stationary Blade #3, Vane #3, 3 <sup>rd</sup> 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 <sup>st</sup> Stage Shroud
22	Ring Segment #2, 2 <sup>nd</sup> Stage Shroud
23	Ring Segment #3, 3 <sup>rd</sup> 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 (RHSB), 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)

## 2. Availability of Pre-Qualification Documents and Registration

Candidates shall completely register at our website <https://fprocurement.egat.co.th/prequalification/en> (Registered Candidates) prior to download of Pre-Qualification Documents free of charge as from August 28 to **September 20, 2023**.

Only Registered Candidates can submit Pre-Qualification Proposal.

It is Candidates' responsibility to carefully examine all of this Invitation and Pre-Qualification Documents.

3. Submission of Pre-Qualification Proposal and relevant documents

Pre-Qualification Proposal shall be furnished in English one (1) electronic form (PDF format or compressed files in Zip formats), not exceeding twenty-five (25) megabyte (MB) per email message, and shall be submitted no later than 12.00 (noon) Bangkok Time on September 20, 2023 to email address: euakamon.s@egat.co.th

ELECTRICITY GENERATING AUTHORITY OF THAILAND

September 15, 2023



(Mrs. Kannika Dhachalupat)

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