

## TECHNICAL SPECIFICATION

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### 1. TERMS AND ABBREVIATIONS

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- 1.1. **Customer** shall mean UAB Kauno kogeneracinė jėgainė.
- 1.2. **Service Provider** – an economic entity – shall mean a natural person, a private legal entity, a public legal entity, other organisations and units thereof, or a group of such persons or entities with which the Customer concludes the Contract.
- 1.3. **Contract** shall mean a Contract concluded between the Customer and the Service Provider regarding the subject-matter of procurement.
- 1.4. **Services** – Flue gas treatment facility quench and condenser systems engineering and consulting services.
- 1.5. **Order** shall mean a written document submitted to the Service Provider on contractual basis as a text message, by email and/or via an information system indicated by the Customer, indicating the quantity of Services, delivery addresses and deadline.

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### 2. SUBJECT-MATTER OF PROCUREMENT

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- 2.1. Flue gas treatment facility quench and condenser systems engineering and consulting services.

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### 3. SCOPE OF THE SUBJECT-MATTER OF PROCUREMENT

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- 3.1. Quantities of Services are provided in the Table 1 below:

**Table 1**

No.	Name of the Services	Units	Preliminary quantity throughout the duration of the Contract
1.	Engineer-technician	Hours	750
2.	Senior engineer-manager	Hours	750

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### 4. LOCATION FOR PROVISION OF SERVICES

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- 4.1. The services shall be provided remotely or on site, Jėgainės street 6, Biruliškių k., LT-54469 Kaunas district, Lithuania.

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### 5. DESCRIPTION OF THE SUBJECTMATTER OF PROCUREMENT

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- 5.1. The service provider will have to perform:
- 5.1.1. process analysis and consultations of the Quench part of the flue gas cleaning equipment according to the task(s) submitted by the Client.
- 5.1.2. flue gas flow velocity profiles creation in different sections of the flue gas path.
- 5.1.3. analysis of flue gas condenser performance indicators and its operation modes engineering consultations.
- 5.1.4. numerical simulation of heat and mass exchange of sprayed liquid droplets.
- 5.1.5. Consultation in regularities of variation in thermal and phase transformations of water droplet evaporation.
- 5.1.6. Consultation and recommendations in adjustment of the chemical regime of the process water tract, ensuring the prevention of plaque formation of biological origin.
- 5.1.7. After completing the tasks, submit a report on the services performed.
- 5.1.8. Any other subject that is not listed above can be submitted by Customer to Service Provider related to the Flue Gas Treatment for review of its performance feasibility.
- 5.1.9. The Contractor may exceptionally be entrusted with services not described in this TS but which must be related to the subject of the contract. In this case, the Contractor shall submit to KKJ a detailed estimate based on the unit prices indicated in the Contract Price Schedule. This quotation is accepted by the KKJ department in the form of a purchase order.
- 5.1.10 Technical specification 3.1 fixed rate pricing will be applied to specialist services specified in point.
- If necessary, to provide the Services on site (i. e. at the installation site of the flue gas treatment system), the arrival costs of the Service Provider 's specialist/s will be charged. The pricing of the reimbursement of the costs of the execution of the contract is described in the SPC of the contract.

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### 6. PROCEDURE AND DEADLINES FOR PERFORMANCE OF CONTRACTUAL OBLIGATIONS

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- 6.1. The service provider will reply to the customer submitted task withing 10 working days with further action plan defination and acceptance or not acceptance of the task.
- 6.2. The services shall have to be provided no later then within 20 (twenty) working days immediately after action plan were agreed. The deadline can be extended by separate agreement of the parties.

6.3. The service provider's specialists will have to provide the services remotely, i.e., to provide consultations by phone or other means of communication, to send calculations and reports by e-mail. If necessary, the Service Provider's specialist/s will have to come to the address specified in Part 4 of the Technical Specification and provide services on site.

6.4. The Services shall be provided according to the task submitted by the Customer following the procedure set forth in the present Technical Specification. The task may be submitted in writing.

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## **7. QUALITY AND ELIMINATION OF DEFICIENCIES**

7.1. Failure to perform the submitted task or refusal to perform a task listed in Chapter 5 above shall be considered defective to the result of the Services and/or services.

7.2. The service provider will reply to the defect found in the service within 10 working days with further action plan definition and acceptance or not acceptance of the defect.

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## **8. PAYEMENT CONDITIONS**

8.1. The Customer shall pay the Service Provider for the actually provided quality Services within 30 (thirty) days from the signature of the Deed of Transfer and Acceptance of the Result of Services and the receipt of the Invoice.

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## **9. OTHER REQUIREMENTS**

9.1. Within 10 (ten) working days from the signature of the Contract, the Customer shall submit to the Service Provider the task documentation (drawings, permits, etc.), needed for the provision of Services.