

To: To candidates of the negotiated procedure

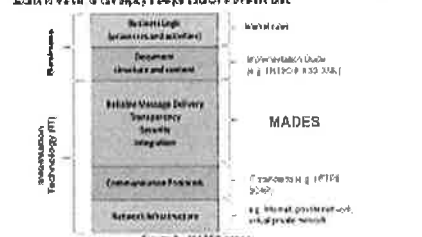
Date: July 7, 2017
 Our ref: 500300-03-801/e

Subject: Negotiation procedure No AST2017/29 "Common Baltic balancing IT system development and implementation" - answers to the candidate questions

Dear Sir/Madam!

Hereby the Customer answers to the candidate questions.

No	Requirement reference	Question	Proposed answer
1.	N.91. The vendor of the system must provide support services in accordance with the following service level requirements: 1. Every day from 8:00 – 20:00;	Is the following assumption true: "every day" should be interpreted as "every working day"?	"Every day" covers working days as well as non-working days.
2.	N.73. The Baltic balancing IT system must use data exchange standards and mechanisms for data exchange with any other system wherever it is possible in accordance with the ENTSO-E implementation guidelines described in — · ENTSO-E Reserve Resource Process (ERRP) Implementation Guide V5.0; · ENTSO-E Settlement Process (ESP) Implementation Guide V1.2; · ENTSO-E Capacity Allocation and Nomination System (ECAN) Implementation Guide V6.0; · ENTSO-E Acknowledgement Document (EAD) Implementation Guide V5.1; · ENTSO-E General Code Lists for Data Interchange. Documents are accessible at https://www.entsoe.eu/publicat	For ECP the corresponding ENTSO-E guidelines are: · MADES Communication Standard Version 1.1 https://www.entsoe.eu/fileadmin/user_upload/edi/library/mades/mades-v1r1.pdf · EMFIP ECP Integration Guide v1.12 https://www.entsoe.eu/Documents/MC%20documents/Transparency%20Platform/EMFIP_ECP_Integration_Guide_v1.12.pdf Are those guidelines binding for this project?	Those guidelines are binding for this project only as far as necessary for data exchange with ENTSO-E transparency platform (see requirement F101.).

<p>ions/electronic-data-interchange-edi-library/work%20products/Pages/default.aspx</p> <p>and</p> <p>1.4. Data exchange with ENTSO-E transparency platform will be established on existing AST communication type through Energy Communication Platform (ECP).</p>		
<p>3. N.73.</p> <p>The Baltic balancing IT system must use data exchange standards and mechanisms for data exchange with any other system wherever it is possible in accordance with the ENTSO-E implementation guidelines described in —</p> <ul style="list-style-type: none"> · ENTSO-E Reserve Resource Process (ERRP); Implementation Guide V5.0; · ENTSO-E Settlement Process (ESP) Implementation Guide V1.2; · ENTSO-E Capacity Allocation and Nomination System (ECAN) Implementation Guide V6.0; · ENTSO-E Acknowledgement Document (EAD) Implementation Guide V5.1; · ENTSO-E General Code Lists for Data Interchange. Documents are accessible at https://www.entsoe.eu/publications/electronic-data-interchange-edi-library/work%20products/Pages/default.aspx <p>and</p> <p>1.4. Data exchange with ENTSO-E transparency platform will be established on existing AST communication type through Energy Communication Platform (ECP).</p>	<p>Is the following approach acceptable: install own ECP endpoint at Baltic balancing IT system site and use it to exchange messages not only with ENTSO-E transparency platform but also with other systems, like</p> <ul style="list-style-type: none"> · Litgrid, · Elering, · AST local, as it would be other ECP endpoint · Maybe even SCADA? <p>It would give a natural way to implement ENTSO-E guidelines.</p> <p>The answer could influence architecture of system and effort estimation.</p> <p>Context of question: the Standards mentioned in requirement N.73 are harmonized for asynchronous model of message exchange and "built on" MADES standard. If we would take MADES element out, we should replace it with something equivalent (see picture below). If we would use the ECP, then installation and configuration of ECP messaging node should be one of requirements in our project. The technical specification just states that the messages should be sent by web services. But this does not give us the way to "push" the message on our own initiative. The MADES standard and ECP implementation gives us exactly this needed mechanism.</p> <p><small>* Complete model should be finalized as part of the MADES standard. It is a subject to be defined by the MADES standard.</small></p>  <p>Figure 2 – MADES nodes</p>	<p>Data exchange with ENTSO-E transparency platform will be established on existing AST Energy Communication Platform (ECP) endpoint.</p> <p>Use of ECP is planned only for data exchange with ENTSO-E transparency platform. Installation of additional ECP endpoints at AST, Litgrid and Elering is not considered, since it would require additional arrangements with ENTSO-E (getting software license and certificates), as well as additional costs for setting up those endpoints.</p> <p>The Bidder is free to choose any other/additional standard if this is feasible for the solution proposed, and if this is in line with the requirements specification.</p>
<p>4. F.81.</p> <p>Acknowledgement messages</p>	<p>Can one message have more than one acknowledgement, like it is depicted</p>	<p>There should be only one acknowledgment</p>

	<p>should be sent for every received message from connected systems (e.g. Local system, SCADA) according to ENTSO-E documentation (EAD).</p> <p>MADES Standard says about this: Every step of the delivery process is acknowledged, and the sender can request about the delivery status of a document.</p>	<p>in schema in technical specification 2.1.3 Update bid availability status?</p>	<p>document for each received document. However, acknowledgment document can contain multiple reasons.</p>
5.	<p>N.115.</p> <p>Increments of the product must be delivered in sprints of a duration of 4 weeks.</p> <p>N.116.</p> <p>The system must be fully delivered in 7 sprints.</p>	<p>International SCRUM standards for a sprint deviate between 2-4 weeks. Would you accept alternative implementation schedule, which ensures the delivery in the same timeframe? Would it be allowed to propose more than 7 (seven), but shorter sprints, without changing the proposed deadlines?</p>	<p>Yes, it is allowed to propose more than 7 (seven), but shorter sprints, without changing the proposed deadlines.</p>

Yours faithfully,

Chairman of the Management Board

Aivis Kapče 67725552



Varis Boks