

Questions Market Consultation - Ring Main Units (RMU)

This form must be used to answer the questions regarding Ring Main Units (RMU) for the upcoming market consultation.

The following guidelines need to be followed:

- Describe the answers/ suggestions in a brief and clear way, based on facts
- Maximum text in terms of A-4 is described per question
- Font to be used: Arial 10
- Additional relevant appendices that enhance the answers given by you are allowed to a maximum of 5 appendices
 - o In order to avoid irrelevant information for this Market Consultation, you need to refer to the relevant attachment in the reply form/ answers here below
- After filling in all answers, this Word document can be uploaded within TenderNed.

<u>Question 1:</u> <u>General RMU product information</u> Please provide general information about the Ring Main Units that could be offered to Enexis, including at least: a. Manufacturer and production location(s); b. Available RMU configurations and type designations; c. Main technical characteristics and applicable standards; d. Whether the RMU is SF6-free, as this is a mandatory requirement, and which insulation and switching medium is used; e. Outline dimensions, weight and relevant installation requirements; f. Any relevant limitations, assumptions or challenges regarding Enexis' expected requirements.	Max 0,5 A-4
<u>Answer:</u>	

<u>Question 2:</u> <u>Experience and references</u> Please describe your knowledge and experience in the design, manufacturing, supply and commissioning of RMUs comparable to the expected Enexis scope. Where possible, provide references from grid operators or comparable customers, including the country, application, supplied quantities and period of delivery.	Max 0,5 A-4
<u>Answer:</u>	

<u>Question 3:</u> <u>Design, testing and certification</u> Please describe your approach to RMU design validation and testing. Include information on type tests, routine tests, factory acceptance tests, applicable standards, certification, test laboratories used and how recent and representative the available test reports are for the RMU configurations that may be offered to Enexis.	Max 0,5 A-4
<u>Answer:</u>	

<u>Question 4:</u> <u>Production process, capacity and lead times</u> Please describe your RMU production process from order intake until the product is available for delivery, including testing. Please also indicate: a. Average production lead time in weeks for standard RMUs; b. Average production lead time in weeks for customer-specific or less common configurations; c. Expected lead time impact when volumes increase or decrease by approximately 25%; d. Current annual production capacity and expected capacity available for Enexis; e. Current production bottlenecks, for example materials, machine capacity, labour capacity, testing capacity or other constraints.	Max 0,75 A-4
<u>Answer:</u>	

<u>Question 5:</u> <u>Supply chain and critical components</u> Please provide insight into the supply chain for RMUs. Include at least: a. The main countries in which RMUs and critical components are produced or assembled; b. The component or material with the longest lead time and the average lead time for this item; c. The forecast horizon needed to secure reliable deliveries; d. How dependency risks on critical suppliers are managed; e. Whether multi-sourcing of critical components is common and feasible for your RMU portfolio.	Max 0,75 A-4
<u>Answer:</u>	

<u>Question 6:</u> <u>Stock strategy and flexibility</u> Please describe the common market approach for stock and order fulfilment of RMUs. Include at least: a. Whether make-to-stock, make-to-order or a hybrid model is commonly used; b. Where stock is normally located, for example at the factory, as semi-finished goods, as finished goods or at the customer; c. Whether consignment stock is common or feasible in the RMU market; d. Until which moment in the production or assembly process Enexis can still change or decide on a specific RMU configuration or type; e. Whether modular production enables late-stage configuration changes, for example between different RMU configurations.	Max 0,75 A-4
<u>Answer:</u>	

Question 7:
**Max 0,75
A-4**
Logistics, delivery performance and tracking

Please describe the logistics process from finished production until delivery to Enexis.
 Include at least:

- a. Average transport time from the production location to the Netherlands;
- b. Average total lead time from order placement to delivery;
- c. Delivery performance data that can be reported periodically;
- d. Whether open order books, delivery schedules, shipment status and track-and-trace information are available;
- e. How supply issues have been managed in recent years and which measures can reduce delivery risks.

Answer:

Context sustainability

Enexis is strongly committed to advancing sustainability goals. As a key player in the national energy transition, we recognize our responsibility to also take action in the global transition toward responsible material use.

Therefore, Enexis aims to encourage suppliers to offer RMUs with sustainable material usage. Specifically, we focus on RMUs with minimized usage of primary materials by reducing material usage and prioritizing secondary raw materials where feasible. In addition, Enexis seeks to stimulate the decarbonization of metal supply chains by aiming for metals in RMUs made with low carbon production processes.

With the questions below, we explore how we can encourage suppliers to offer sustainable and innovative solutions in tenders, by making it attractive and feasible for them — minimizing risks, clarifying specifications, and ensuring that such offerings are viable within the tender framework.

Question 8: <u>Do you have any ESG-related certificates?</u> ESG stands for Environmental, Social, Governance. Please explain which and specifically mention for example Ecovadis rating x, CDP rating x, ISO140001, ISO50001 or any other.	Max 0,25 A-4
<u>Answer:</u>	

Question 9: <u>Do you have a certified material passport according to KIWA Certification K-0212902-3?</u> See the attachment, or search for KIWA Model Covenant K-0212902-3 'Products for primary assets of Energy Installations – Validation of circularity data from Raw Material Passport (RMP). Enexis will upload the relevant attachment separately in TenderNed.	Max 0,25 A-4
<u>Answer:</u>	

Question 10: <u>Can you provide a Life Cycle Assessment (LCA's) and/or Environmental Product Declaration (EPD), which is third party verified, for a RMU which fits this tender or another RMU type? If so, please attach this document to your submission.</u>	Max 0,25 A-4
<u>Answer:</u>	

Question 11: <u>What is the percentage of recycled steel applied in the standard RMU?</u> This should be the annual average for the standard mix of steel suppliers (for the biggest structural part). Additionally, this means that you can provide the following	Max 0,5 A- 4
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documentation from each steel supplier: a Declaration of Honour for declarations below 50% recycled or an Environmental Product Declaration (EPD) for declarations above 50% recycled. Note: credit mass-balance allocations are not allowed.

Answer:

Question 12:

Can the steel applied in the standard RMU's be classified as low carbon steel?

This should apply to all steel suppliers for the standard design (for the biggest structural part). This means that you can provide a EPD's for all steel suppliers which declare a CO2 value of below 0,9 kg CO2-eq./kg metal (Global Warming Potential (GWP) for modules A1–A3).

Max 0,5 A-4

Answer:

Question 13:

Would you specify/offer sustainable material declarations, as referred to in questions 10 and 11, if this would be awarded in the tender with a weighting between 5–15% of the total tender score?

Please take into consideration that sustainable material declarations come with a requirement for getting the material passport certified according to KIWA Certification K-0212902-3 (as attached), or highly similar. Enexis will upload the relevant attachment separately in TenderNed.

Max 0,25 A-4

Answer:

Question 14:

Would you be able and willing to offer sustainable material declarations that go beyond the standard levels described in questions 10 and 11, specifically for the Enexis tender?

Please take into account the same principles as in question 15.

Max 0,25 A-4

Answer:

Question 15:

What are your current developments (R&D) in sustainability in the design of your RMU's, besides being SF6-free?

Max 0,5 A-4

Answer:

Question 16:

Are there any sustainability/circularity-related topics that we have not asked that you would like to mention?

Max 0,5 A-4

Answer: