

**DOCUMENT OF RESPONSES**  
**QUESTIONS AND COMMENTS TO THE FINAL BIDDING DOCUMENTS**  
**INTERNATIONAL OPEN TENDER MONÓMEROS 001-2024**

*OBJECT: To contract the “Supply of a Secondary Nitrous Oxide (N<sub>2</sub>O) Abatement System for the Nitric Acid Plant of Monómeros, located in the Special, Industrial and Port District of Barranquilla, Department of Atlántico - Colombia, in the context of the Nitric Acid Climate Action Group (NACAG) initiative”.*

Within the term established in the schedule of the Tender process, the company Monómeros allows itself to respond to the questions and observations received in stage 3 “Definitive” of the International Open Tender Monómeros 001-2024, in the following terms:

**I. LIST OF QUESTIONS AND OBSERVATIONS RECEIVED.**

**1. Observation/ Question, Johnson Matthey, email dated April 30, 2024.**

*“(…) Johnson Matthey has utilized Monómeros’ plant parameters and modeled a number of different abatement potentials, each with associated pressure drops and required amounts of catalyst. In reference to weighting factor 1.b) on page 20 of the provided “Previous Studies of the secondary abatement system” document, we note that the highest scoring will be attributed to the highest abatement efficiency in a 5 year period.*

*To ensure the options we provide are optimized within system constraints, we are asking **¿has a design specific load been calculated for the boiler?** Any survey information or calculations on the load that the boiler will tolerate would be appreciated to better inform our offering”.*

**Monómeros response.**

*If the question refers to the thermal load capacity of the plant, the boiler has a 20% over design which could absorb the additional thermal load caused by the N<sub>2</sub>O destruction reaction. It should be noted that if a more precise analysis is required, this can be developed by the successful bidder during the basket design and catalyst selection phase. Also during this phase, the successful proponent will have the opportunity to exchange more detailed information with MCV.*

*However, if the proponent refers to structural load, item 1.2.2. Included in “Annex 1A” stipulates that the awarded proponent must perform the necessary studies at its discretion and with the endorsement of MCV in order to ensure that the reactor has the capacity to support the new abatement system proposed by them.*

**2. Observation/ Question submitted by KBR, email dated May 02, 2024.**

*" (...)*

*We in KBR reviewed the tender documents of the N<sub>2</sub>O abatement system that you launched.*

*In respect of mechanical warranties, there is a request of minimum of 5 years for the provided equipment. Is Monómeros open to relax this request to at least 2 years? In case not and if it is a mandatory request, KBR may be not able to participate.*

*We would appreciate your answer.*

**Monómeros response.**

*Taking into account the mechanical warranty times offered by the different proposers, Monómeros will modify the mechanical warranty period of the basket to 2 years.*

*In this sense, this parameter will be modified through the respective "addendum", whose mechanical guarantee period of the basket will be adjusted to **2 years**.*

*In this sense, it is recommended to the bidders to verify the document called "addendum", through which some conditions and requirements of the final tender documents will be modified.*

*Additionally, Monómeros wishes to clarify that, according to the final terms of this process and by express provision of the Colombian regulations, all comments and questions from interested bidders are public, as it is one of the stages required for the joint construction of the final conditions of participation and selection of the future contractor.*

*Given in the city of Barranquilla - Atlántico, on the fifth (5th) day of the month of June, 2024.*

*The Structuring and Evaluation Committee.*