

THE GENERAL MANAGER OF MONOMEROS COLOMBO VENEZOLANOS S.A.

CONSIDERING

That the company Monómeros Colombo Venezolanos S.A., is a commercial company with 56 years in the petrochemical industry, a subsidiary of the Venezuelan state-owned company, Petroquímica de Venezuela S.A. (Pequiven), located near the mouth of the Magdalena River in the city of Barranquilla, Colombia, being a producer of various products such as simple and complex fertilizers, tricalcium phosphate for cattle feed and other industrial products, such as nitric acid. In 2018 it received the award for "Best Company in Social Responsibility Simon Bolivar", and the second agro-industrial company in Colombia producer of fertilizers covering 40% of the domestic market.

That Monómeros has a nitric acid plant with a production capacity of 280 MTPD, which is an important product for the agrochemical industry, as it is used for the production of nitrogen-based inorganic fertilizers. However, the nitric acid manufacturing process emits N_2O , which is a **greenhouse gas** with a global warming potential 273 times greater than that of carbon dioxide (CO_2).¹

That Monómeros has a budget authorized by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), which it will use to finance the eventual Contract for which this International Open Tender is issued, whose subsidy is framed in the context of the [NACAG](#) initiative (Nitric Acid Climate Action Group), which is a project financed by the *German Federal Ministry for Economic Affairs and Climate Action* (BMWK) and for whose implementation at a global level the GIZ has been designated.

The NACAG initiative aims to phase out global N_2O emissions from nitric acid production and provides all governments and plant operators with assistance on technological and regulatory issues related to the mitigation of N_2O emissions produced in this industry. NACAG also offers financial support for the purchase and installation of emission reduction technology and monitoring equipment in those plants that are eligible under certain criteria defined by the initiative. Thus, within the framework of the NACAG initiative, the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) is providing financial support to the company Monómeros for the acquisition of a continuous N_2O monitoring system.

That in consideration of the above, the company Monómeros is interested in contracting the "supply of a continuous monitoring system of Nitrous Oxide N_2O (CEMS - DASH)", for its nitric acid production plant located in the city of Barranquilla - Colombia, according to the details and technical specifications listed in Annex 1A, which will be carried out under the International Open Bidding modality, according to the parameters and requirements indicated in the Definitive Bidding Terms and Conditions.

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¹ <https://www.nitricacidaction.org/>

The present process will be governed by the principles and norms contained in the General Statute of Colombian Public Contracting and in that which is not applicable due to the private nature of the company, it will be developed according to the internal administrative procedures, civil code and commercial code, by virtue of which, the selection of the supplier will be made under the principles of good faith, objectivity, transparency, effectiveness, efficiency, economy, responsibility and reduction of legal risk, in order to award the most favorable proposal for the interests of the company Monómeros and the fulfillment of the purposes pursued with the contracting.

That the Major Contracting Committee of Monómeros S.A. met on September 12, 2024 in order to verify, in accordance with its competence and internal regulations, compliance with the requirements established to initiate the open bidding process for the supply of a continuous monitoring system for nitrous oxide N₂O (CEM-DASH) 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.

Having verified the above, the Major Contracting Committee recommended the General Manager to initiate and open Process No. CMA-24-01-CA-TEC-024 entitled "SUPPLY OF A CONTINUOUS MONITORING SYSTEM FOR NITROUS OXIDE N₂O (CEMS - DASH) FOR THE NITROUS ACID PRODUCTION PLANT" through the International Open Bidding modality Monomers 002-2024.

In view of the above:

1. The General Manager welcomes the recommendation and approves the initiation and opening of the process N° CMA-24-01-CA-TEC-024 called "*SUPPLY OF A CONTINUOUS MONITORING SYSTEM FOR NITROUS OXIDE N₂O (CEMS - DASH) FOR THE NITROUS ACID PRODUCTION PLANT*" through the modality of International Open Bidding Monómeros 002-2024, where it is determined that the most advantageous offer will be the one resulting from the weighting of quality and price elements, supported by scores and the formulas indicated in the bidding documents and other documents that are part of the bidding process.
2. The schedule to carry out the selection process by means of International Open Bidding and which must be followed by the interested suppliers, corresponds to the following:

N°	ACTIVITY	RESPONSIBLE	DATE
1	Issuance of the administrative act of Opening of the Bidding process and publication of the Definitive Terms and Conditions and its Annexes.	Monómeros	09/12/2024
2	Expression of Interest from Bidders interested in participating in the International Open call.	Interested Bidder	From 09/12/2024 to 09/17/2024

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3	Date established for the on-site visit to the Nitric Acid Plant , by interested bidders. (Hours: From 7:00 am – 11: am).	Interested Bidder	09/19/2024
4	Presentation of observations to the Final Terms and Conditions.	Interested Bidder	From 09/12/2024 to 09/20/2024
5	Response to observations to the final specifications.	Monómeros	09/23/2024
6	Risk assignment hearing.	Monómeros	09/24/2024
7	Maximum deadline for Issuance of Addendums.	Monómeros	Until 09/25/2024
8	Presentation of Offers (Closing of the bidding process).	Interested Bidder	Until 01/10/2024
9	Publication of the preliminary evaluation report of the Bids.	Monómeros	10/04/2024
10	Presentation of observations to the bid evaluation report and completion to correct the qualifying requirements.	Offeror/Proposer	From 10/04/2024 to 10/15/2024
11	Publication of the second preliminary evaluation report	Monómeros	10/17/2024
12	End of the GIZ audit.	Independent third party	11/27/2024
13	Publication of final evaluation report.	Monómeros	11/28/2024
14	Adjudication Hearing.	Monómeros	11/29/2024

3. Only legal entities (national or foreign) considered legally capable in accordance with the provisions in force may participate in the selection process. Consortiums, temporary unions and promises of future partnership may also participate. In any case, the bidder must not be subject to the prohibitions, disqualifications or incompatibilities to contract or conflicts of interest established by the constitution and the Colombian Law, a statement which is understood to be made under oath with the sole filing of the proposal and the subscription of the respective Form.
4. The Bidders or Interested Bidders are informed that the definitive bidding documents, the preliminary studies and other information generated during the development of the selection process may be consulted through the web page of Monómeros. <https://www.monomeros.com.co/international-open-tender-for-the-supply-of-nitrous-oxide-n2o-cems-dash-monitoring-system/>




5. When there are modifications to the bidding documents, including the dates foreseen in the schedule, Monómeros S.A. will communicate it through a document called "ADDENDA", which will be published in the Web page, identified above, available for the selection process.



ZEURY DEL VALLE BORGES MEZA
General Manager



Barranquilla special, industrial and port district, September 12, 2024

Prepared by: Sahara Saade; Commercial Legal Specialist.

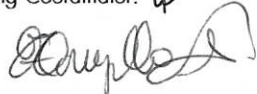


Reviewed by: Alexis Morales; Process Engineer.



Reviewed by: Laura Pesciotti; Works and Services Contracting Coordinator. *lp*

Approved: Olga Lucía Trujillo; Legal Consulting Manager.



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