
 Austin Powder Argentina SA Petrochemical Division	N2O ABATEMENT Quotation Request Form and Supply Inquiries			NACAG-ANNEX-002
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The company Austin Powder Argentina SA (hereinafter APASA) is carrying out a market study and analysis which aims to know the conditions for the eventual contracting and supply of tertiary Nitrous Oxide (N2O) abatement technology for the nitric acid production located at National Route #16 Kilometer 653.5, El Galpón, PO Box: 4444, Salta, Argentina

In this sense, for the development of this study stage, suppliers will be allowed to suggest all equipment and services not mentioned by APASA and which, in their opinion, are required to guarantee the total execution of the activities described in the Section 6 of Document "NACAG-POT-RQC-001 (EN)" The collaboration and help of interested suppliers is requested by sending their answers to the following questions:

No.	ASK
1	How many years of experience do you have offering this type of technologies? Give a brief summary of what type of services you have offered.
2	Would you be willing to confirm your availability to participate in an international open bidding process in the "turnkey" modality?
3	Does the company have the support of a local company in Argentina for the construction of the tertiary abatement reactor?
4	Taking into account that the delivery site of the abatement technology is at the APASA facilities, located at National Route #16 Kilometer 653.5, El Galpón, PO Box: 4444, Salta, Argentina, could you offer us the budget estimate in Incoterms DDP terms? Does your company have the capacity to deliver the required goods and items to the required location?
5	What would be the estimated design, manufacturing and delivery time for each of the goods and elements specified in Section 6 of document NACAG-POT-RQC-001 (EN)?
6	What time, do you consider prudent, is required to prepare a technical and economic proposal that contemplates each of the technical requirements established by APASA?
7	What would be the milestones and percentages for the different payments of the contract, addressing each of the activities related in Section 6 of document NACAG-POT-RQC-001 (EN)? What would be the maximum payment time for each invoice?
8	What are the typical materials used in the manufacture of the tertiary abatement reactor?
9	In the event that any of the conditions specified in Section 6 of document NACAG-POT-RQC-001 (EN) prevent your company from participating in an international open bidding process for the supply of the goods and/or services indicated therein, would What would these conditions be?

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10	Would your company be willing to deliver its Financial Statements? This in order to know the financial capacity of the possible bidders interested in the supply contract that is intended to be concluded.
11	Under what conditions would it be possible to carry out NOx co-abatement using the same technology used for N2O abatement? What would be the fundamental differences between a design for only the abatement of N2O and a design for the co-abatement of N2O and NOx ?
12	If NOx co-abatement were possible, would it be carried out using a single bed of catalyst for both N2O and NOx or would it be done using two different beds?
13	What guarantees for the products/services required and related in Section 6 of document NACAG-POT-RQC-001 (EN) do you offer? What is your after-sales support policy and how do you handle potential issues or complaints?
14	What type of reducing agents for N2O and/or NOx would be necessary taking into account the tail gas conditions according to Annex 1? What would be the approximate annual consumption of these reducing agents?
15	Do you consider that it is necessary to visit the plant in order to present an economic offer during the International open bidding stage?
16	How long is the estimated useful life for the N2O catalyst? And for the NOx catalyst?

Please fill out the "INVITATION TO QUOTE FORMAT" with the estimated cost of executing the project, according to the scope specified.

Explanatory notes: APASA undertakes to handle the information of interested parties with absolute confidentiality, in this sense, the information analyzed as a result of this request for information from suppliers.



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INVITATION TO QUOTE FORMAT

Description: Record detailed information or characteristics of the quoted item

Unit of measure (UM) : Register the unit of measure of the quoted item

VAT - Value Added Tax

Unit Value (VU) : Value of the quoted item including VAT

Total Value (VT) : Total value of the quoted item (value before VAT added to the VAT value)

Observations: record observations and/or comments regarding the quoted item

VAT: value added tax.

NAME OF PROCESS	<i>Request for information from suppliers – Invitation to quote, in order to obtain market information, for the acquisition of TERTIARY nitrous oxide (N₂O) abatement technology.</i>				
PURPOSE OF THE CONTRACT:	<i>(N₂O) abatement technology .</i>				
ITEM (GOOD OR SERVICE)	DESCRIPTION	UM	VU	V.T.	OBSERVATIONS
<i>Engineering and design of a tertiary abatement reactor for Nitrous Oxide (N2O)</i>					
<i>Manufacture of a tertiary nitrous oxide (N2O) abatement system</i>					
<i>Manufacture of a tertiary abatement system for co-abatement of Nitrous Oxide (N2O) and NOx</i>					
<i>Selection and supply of the tertiary N2O catalyst.</i>					
<i>Selection and supply of the tertiary catalyst for co-abatement of N2O and NOx .</i>					
<i>Transportation and delivery of goods (reactor, tertiary catalyst and accessories) at APASA facilities</i>					
<i>Technical assistance required on-site for supervision during the assembly, installation and commissioning process</i>					
<i>Training for personnel designated by APASA for the installation and maintenance of the abatement system</i>					



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<i>Remote after-sales technical support to ensure optimal performance of the chilling system for a minimum of 5 years from successful commissioning of the technology</i>					
<i>Field inspection of the chilling system at the end of the installation process</i>					
TOTAL					

COMMERCIAL DATA

Company name	
Company tax identification number	
Name of the legal representative	
Contact person	
Phone number	
Address	
City	
Quote date	
Days of validity of the information (for example: 90 days after quote date)	
Signature of the person submitting the quote	