

MATRIZ DE IDENTIFICACION Y DISTRIBUCION DE RIESGOS

TIPO DE CONTRATO: CONTRATO DE SUMINISTRO

OBJETO: "Adquisición y Suministro de tecnología de abastimiento secundaria de óxido nítrico (N2O), para la planta de ácido nítrico de Monómeros, ubicada en el Distrito Especial, Industrial y Portuario de Barranquilla, Departamento del Atlántico - Colombia, en el contexto de la iniciativa Nitric Acid Climate Action Group (NACAG)."

No.	Crisis Source	Stage	Type	Description	Consequence of the occurrence	Likelihood		Impact			Who is it assigned to?	Impact after treatment				Person responsible for implementing the treatment	Estimated treatment start date	Estimated complete treatment date	Monitoring and Review			
						Category	Assessment	Category	Valoración	Risk Assessment		Risk category	Likelihood	Assessment	Risk Valoración				Risk category	Does it affect the execution of the contract?	How is monitoring carried out?	Periodicity When?
1	General	Internal	Operational	The definition of the need and the object established in the planning stage does not comply with the applicable selection modality, according to the guidelines of the Colombian public procurement regime applicable to the company MONÓMEROS COLOMBO VENEZOLANOS S.A	The contractual process cannot be advanced because it does not comply with the selection modality, delays in satisfying the need and compliance with the agreements established in the Subsidy Contract signed with the GZ.	Rare	1	Menor	2	3	Low Risk	MONÓMEROS	1	1	2	Low Risk	Eventuamente	Contracts Office of the company Monómeros	Start of pre-contractual stage	Completion of pre-contractual stage	Verification of budget and terms established in the grant contract.	Completed the planning stage of the contracting process between Monómeros and GZ
2	General	Internal	Operational	Declaration of State of Emergency, public calamity, mandatory preventive isolation, curfew in Colombia.	It makes the execution of the contract difficult, the human personnel is insufficient, the agreed obligations are not met under the defined conditions.	Improbable	2	Moderado	3	5	Medium Risk	MONÓMEROS	3	1	4	Low Risk	General release	Supervisor and/or Contract Controller	Contractual execution	Contract Execution Completed	Analysis of the social and economic environment, adopt alternative measures that contribute to compliance with the conditions agreed in the contract.	Permanent
3	General	External	Operational	Failure to sign the contract by the contractor and/or delay in the constitution and presentation of the guarantees (Policy and/or Bank Guarantee) required to guarantee compliance with the contract for the Supply of Abatement Technology.	Delay and impossibility in starting the execution of the contract and impact on the achievement of the objectives and satisfaction of the need proposed by the company Monómeros.	Probable	2	Menor	2	4	Low Risk	CONTRACTOR	3	1	4	Low Risk	General release	Contracts Office of the company Monómeros	Start of pre-contractual stage	Completion of Execution and Termination	If present, note the treatment that was given to the risk and modify the matrix	The Execution and Termination Stage is over.
4	General	Internal	Operational	The impossibility of starting the execution of the contract due to lack of intervention and/or supervision in the contract.	The delay in the execution of the contracted object, which may generate delays, contractual modifications and variation in the value of the contract.	Improbable	2	Moderado	3	5	Medium Risk	MONÓMEROS	1	2	3	Low Risk	General release	Legal Advisory Office / Monomer Contracts Office	Start of pre-contractual stage	Completion of contractual stage	If present, note the treatment that was given to the risk and modify the matrix	Contracting stage completed
5	General	Internal	Operational	The impossibility of starting the execution of the contract due to difficulties in the approval of Occupational Health and Safety requirements due to being international suppliers.	The delay in the execution of the contracted object, which may generate delays, contractual modifications and variation in the value of the contract.	Possible	3	Menor	2	5	Medium Risk	MONÓMEROS	1	2	3	Low Risk	General release	Contracts Office of the company Monómeros	Start of pre-contractual stage	Completion of contractual stage	If present, note the treatment that was given to the risk and modify the matrix	Contracting stage completed
6	General	Internal	Operational	Involuntary errors incorporated in the previous studies, specifications, relative to the quantities, technical specifications of the goods and services required by the Monómeros company for the acquisition and supply of the Monitoring system.	Affection in the execution of the contract, which could imply modification in the terms of the contract and the obligations of the contractor.	Possible	3	Menor	2	5	Medium Risk	MONÓMEROS/CONTRACTOR	1	2	3	Low Risk	Eventuamente	Contracts Office of the Monómeros company	Start of pre-contractual stage	Completion of execution stage	If present, note the treatment that was given to the risk and modify the matrix	Execution stage completed
7	General	External	Operational	Delays by MONÓMEROS COLOMBO VENEZOLANOS S.A. in prior approvals of the products and/or services developed by the contractor	It affects the fulfillment of the obligations of the contractor, which may generate suspensions, additions, extensions and modifications.	Improbable	2	Moderado	3	5	Medium Risk	MONÓMEROS	2	2	4	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual execution	Completion of execution stage	If present, note the treatment that was given to the risk and modify the matrix	Execution stage completed
8	General	External	Operational	Non-compliance and/or delays by the contractor in compliance with the object and contractual obligations	It affects the satisfaction of the need that the contract is intended to cover. It can generate sanctions and effectiveness of the Penal Clause	Possible	3	Moderado	3	6	High Risk	CONTRACTOR	2	3	5	Medium Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual execution	Completion of execution and termination stage	If present, note the treatment that was given to the risk and modify the matrix	Execution and termination stage completed
9	General	External	Operational	Issuance of Colombian regulations or laws that impose new taxes, taxes or parafiscal charges, which may affect the economic balance of the contract. Suspension or cancellation of the Common Utility Certificate granted to the Company MONÓMEROS COLOMBO VENEZOLANOS S.A.	It generates an additional burden than expected, which may affect either or both parties to the contract.	Rare	1	Mayor	4	5	Medium Risk	MONÓMEROS/CONTRACTOR	2	1	3	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual execution	Completion of execution stage	If present, note the treatment that was given to the risk and modify the matrix	Execution stage completed
10	Específico	External	Operational	Risk due to non-existence of the components, parts or equipment necessary for the CEMS system and gas flow measurement.	Partial or total failure to comply with the obligations contracted by the Contractor	Possible	3	Moderado	3	6	High Risk	CONTRACTOR	1	1	2	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual Execution	Contract settlement	Continuous monitoring by supervision	Execution stage completed
12	Específico	External	Operational	Increase in the costs of goods and elements and after-sales service required for the execution of the activities described in the Technical Annex prepared by the company Monómeros for the development of the contractual activity.	Economic imbalance for the contractor.	Possible	3	Moderado	3	6	High Risk	CONTRACTOR	2	3	5	Medium Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual Execution	Contract settlement	Continuous monitoring by supervision	Execution stage completed
13	Específico	External	Operational	Delays in the delivery of the Goods required by the Monómeros company	Declaration of Total or Partial Non-Compliance with the Contract. Imposition of fines and/sanctions within Monómeros. Effectiveness of the Penal Clause	Possible	3	Moderado	3	6	High Risk	CONTRACTOR	2	2	4	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual Execution	Contract settlement	Continuous monitoring by supervision	Execution stage completed
14	Específico	External	Operational	Delays in the designation of the personnel required for the activities of supervision of technical personnel - supplied by Monómeros during the assembly, installation and commissioning activities of the components that make up the monitoring system	Affection in the execution of the contract, which could imply modification in the terms of the contract and the obligations of the contractor.	Possible	3	Mayor	4	7	High Risk	CONTRACTOR	2	2	4	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual Execution	Contract settlement	Continuous monitoring by supervision	Execution stage completed
15	Específico	External	Operational	Risks of damage to third parties, equipment or facilities of the Plant owned by Monómeros, during the execution of the contract.	Entails additional expenses than budgeted for the damages caused	Possible	3	Menor	2	5	Medium Risk	CONTRACTOR	2	2	4	Low Risk	Eventuamente	Supervisor and/or Contract Controller	Contractual Execution	Contract settlement	Continuous monitoring by supervision	Execution stage completed