

ANNEX F - RISK MATRIX

RISK	RISK DESCRIPTION	RISK MITIGATION	RESPONSIBLE FOR THE RISK
ENVIRONMENTAL RISK	Environmental damage arising from manufacturing activities.	The CONTRACTOR must comply with the country's legislation regarding waste management, collection, separation, and proper disposal of waste generated during equipment manufacturing.	CONTRACTOR
TAXES IN THE COUNTRY OF ORIGIN	Undertake all labor, social, social security, tax, commercial obligations, and others stipulated by the legislation of the country of origin, whose default does not transfer responsibility to MT PAR.	The CONTRACTOR must include in its proposal all costs related to the taxes of the country where the equipment is manufactured	CONTRACTOR
DETAILS OF FACTORY SPECIFICATIONS (PRODUCT 01)	Sharing project details as stipulated requirements for Product 01, as well as verifying the data provided in the TENDER and its ANNEXES.	The CONTRACTOR must ensure that the team fully comprehends the data from the tender and its annexes.	CONTRACTOR
EQUIPMENT QUALITY	The equipment does not meet the quality standards agreed upon in the contract.	The CONTRACTOR must ensure compliance with the technical specifications established in the contract and detailed in Product 01, once validated by the CONTRACTING PARTY.	CONTRACTOR



		If during inspection, non-compliance with the contract is observed, the necessary corrections will not result in costs to the CONTRACTING PARTY, and penalties may be applied to the CONTRACTOR.	
EXCHANGE RATE FLUCTUATION	Exchange rate fluctuations may increase acquisition costs.	The CONTRACTOR must consider in their price proposal any typical currency fluctuations in the market.	CONTRACTOR
DELAYS IN PRODUCT COMPLETION	Any delays by the CONTRACTOR in completing the products described in the Contract will directly impact the logistics of the CONTRACTING PARTY.	- The CONTRACTOR must meet the agreed-upon deadlines, with no justifications accepted that are strictly beyond the control of the CONTRACTOR. - Monitoring will oversee the agreed-upon deadlines, even as a preventive measure (prior to the final deadline), and may issue warnings in cases of unresponsive behavior and/or deadlines that do not align with reality.	CONTRACTOR
COMMUNICATION AND CULTURAL DIFFICULTIES	Possible difficulties with the Portuguese language and administrative procedures.	The CONTRACTOR, if lacking a qualified team, must seek skilled professionals in the market who meet their requirements.	CONTRACTOR
CHANGES IN OBJECT	Changes in the contract's object specifications at the request of the	The CONTRACTING PARTY must absorb any costs arising from	CONTRACTING PARTY



SPECIFICATIONS	Contracting Party, resulting from new legislation or Brazilian public regulations, except those outlined in the bidding process.	Brazilian legislative changes, which must be proven by the CONTRACTOR.	
	Manufacturing imperfections in the equipment regarding the requirements of the terms of reference and annexes.	Ensure that the equipment's manufacturing complies with all specifications of the terms of reference and annexes. In the event of non-compliance observed during inspection, there will be no cost to the CONTRACTING PARTY, and penalties may be imposed on the CONTRACTOR.	CONTRACTOR
	Any unilateral modification of the contract imposed by the Contracting Party.	Contractual amendment for the CONTRACTOR to redo adjustment services at market price, requiring acceptance by the Inspection.	CONTRACTING PARTY
INCORRECT COST ESTIMATE	Damages resulting from errors in the equipment's manufacturing that require redoing part or all of the components.	Upon identification of the flaw/deviation, the CONTRACTOR must immediately rectify it at no cost to the CONTRACTING PARTY, and penalties may be imposed on the CONTRACTOR.	CONTRACTOR
	Additional investments, costs, or expenses resulting from increased operational costs, purchase, maintenance, rework, change in	Present a proposal that aligns with the market reality to avoid underestimating the necessary resources.	CONTRACTOR



	material origin, or equipment transportation.		
FORCE MAJEURE	Occurrence of unexpected events beyond the control of the parties (whether natural or man-made) that may affect the project's construction.	The CONTRACTOR must issue a technical report justifying the circumstances, along with a request for a contractual amendment for analysis and acceptance by the CONTRACTING PARTY.	SHARED
DAMAGE TO THIRD PARTIES	Losses/damage caused to third parties by the CONTRACTOR.	Repair of the damages caused, at no additional cost to the Contracting Party	CONTRACTOR
OTHER COST VARIATIONS	Occurrence of workplace accidents.	- Implement safety measures and adequate training to prevent workplace accidents. - Conduct regular inspections at the workplace to identify and rectify potential risks.	CONTRACTOR
	Need for changes in the equipment specifications presented in the commercial proposal and/or Product 01 that have not been requested by the CONTRACTING PARTY.	Communicate and obtain express approval from the CONTRACTING PARTY before making any unsolicited changes, with the total cost borne by the CONTRACTOR.	CONTRACTOR
	Property security risks during equipment manufacturing, as well	Implement physical and electronic security measures, insurance,	CONTRACTOR



	as responsibilities inherent in the FOB Incoterm.	surveillance, camera monitoring, access control.	
PAYMENT DELAYS	Delays in payment for the Products stipulated in the TR by the Contracting Party.	Revisiting deadlines for the execution of the Products and addressing the financial impact resulting from the payment delay.	CONTRACTING PARTY



MTPARCAP202309687