

PR/MAR #: MAR 019	Tender #:
<p>PR/MAR Description: MAR for provision of water trucking service in NE Syria</p> <p>“Provide and deliver potable water through clean water truck tankers with capacity up to 25 m3 maximum. The trucks must be fitted with water pump and water- flow meter. The water shall be supplied to individual and communal storage tanks of different capacities, in the regions of northeastern Syria (Al-Hasakeh, Deir –Ez- Zor, Ar-Raqqa and Aleppo governorates for two years..”</p>	
<p>Essential Specifications and Testing Requirements:</p> <p>Conduct regular testing for quality control as follows:</p> <ol style="list-style-type: none">1. Physical, chemical and biological quality test to ensure that the water quality meet the standards parameters set by water authority.2. Test for free residual chlorine FRC on daily basis at the delivery points.	

			Acceptable Value	Testing Method (Lab Test, Visual, Certificate...)	Performed / Reviewed by:	Frequency	# of samples taken
Parameters	Physical parameters	PH	6.5 to 8.5	the available device at MC in the laboratory test	MC WASH department	once a month	3
		Temperature	Must be acceptable	the available device at MC in the laboratory test	MC WASH department	Daily	3
		T.D.S	900 ML/L	the available device at MC in the laboratory test	MC WASH department	once a month	3
		Smell	Must be acceptable	the available device at MC in the laboratory test	MC WASH department	Daily	3
		Color	15 TCU	the available device at MC in the laboratory test	MC WASH department	once a month	3
		Turbidity	Maximum 5 NTU	the available device at MC in the laboratory test	MC WASH department	At least Twice a month	3
		Conductivity	1500 micrometer/cm	the available device at MC in the laboratory test	MC WASH department	Once a month	3
		NO3-	50 mg/L	the available device at MC in the laboratory test	MC WASH department	once a month	3
		NO2-	0.2 mg/L	the available device at MC in the laboratory test	MC WASH department	Once in 6 months	3
		NH4	0.5 mg/L	the available device at MC in the laboratory test	MC WASH department	Once in 6 months	3
		Residual chlorine	0.1 to 1 mg/L	the available device at MC in the laboratory test	MC WASH department	Daily	3

Attachment 5: Quality Control Plan

الملحق 5: خطة مراقبة الجودة

	Bacteriological analysis	E.coli	0 Colony/100 ml	the available device at MC / in the laboratory test	MC WASH department	Once a month	3
		Total coliform bacteria	0 Colony/100 ml	the available device at MC / in the laboratory test	MC WASH department	Once a month	3

Non-Conformance

The Mercy Corps' project technical team (water quality monitors) shall check the drinking water quality parameters supplied through water trucking. Should the quality not comply with the agreed-upon standards, the contractor will be obliged to take corrective measures. including refuse the unpotable water at the cost of the contractor