

Scope of Work

Supplying Kerosene for Mahmoudly, Twhiniya, and Tel Saman Camps.

1. The contractor is responsible for supplying, delivering, storing and distributing Kerosene to and in Mahmoudly, Twhiniya, and Tel Saman Camps in a timely and adequately.
2. The contractor must provide Kerosene, with proper color and other physical attributes. Blumont will conduct inspection of Kerosene quality each day and has the right to reject the shipment if quality standards are not met. Such cases will result in delays and penalties, as described below. Kerosene quality will be assessed by Blumont via physical inspection (color and burning) as well as through Hydrometer density range **0.75 - 0.84 – Check below “Kerosene Quality Check” for more details**
3. The contractor is responsible for the security of his kerosene points and kerosene storage tanks. This should be done through coordination with the Camp Administration and Local Authority.
4. The contractor is responsible for crowd control at the kerosene distribution points.
5. The Blumont team shall request quantities and destinations of the required kerosene for distribution
6. The contractor must follow Blumont’s kerosene supply requests, including delivery dates, times, quantities, and locations.
7. **The distribution process will take 3 days per round per location, and each round will be conducted each 10 days (3 rounds per month).**
8. **Distribution will take place at the designated distribution area in each camp. The vendor is responsible for supplying the required quantities for each round at each location.**
9. **The estimated kerosene quantity required for heating in Mahmoodly, Twihanya, and Tel Saman camps is 82,000 liters per round, with a total of 376,000 liters for five rounds as shown below:**
 - Mahmoodly: 31,000 liters per round (155,000 liters total)
 - Twihanya: 17,000 liters per round (85,000 liters total)
 - Tel Saman: 34,000 liters per round (136,000 liters total)
10. **The estimated kerosene quantity required for cooking in Mahmoodly, Twihanya, and Tel Saman camps is 82,000 per round and total will be 164,000 liters.**
 - Mahmoodly: 31,000 liters per round (62,000 liters total)
 - Twihanya: 17,000 liters per round (34,000 liters total)
 - Tel Saman: 34,000 liters per round (68,000 liters total)

11. The estimated diesel quantity for generators required for Mahmoodly, Twihanya, Tel Saman camps and Raqqa Office are 16,000 liters as shown below:

- Mahmoodly: 2,000 liters per order (4,000 liters total)
- Twihanya: 2,000 liters per order (4,000 liters total)
- Tel Saman: 2,000 liters per order (4,000 liters total)
- Raqqa Office: 2,000 liters per order (4,000 liters total)

13- Blumont's estimated timeline for supplying and distributing kerosene for cooking and heating purposes at Mahmoudly, Twayhinaa, and Tel Saman Camps is five (05) working days per round, starting after the date the order letter is signed by both parties.

14. Blumont's estimated timeline for supplying diesel for generators at Mahmoudly, Twayhinaa, Tel Saman Camps and Raqqa Office are five (05) working days, starting after the date the order letter is signed by both parties.

12. The contractor must assign a Representative at each camp to deal with the Blumont teams and provide adequate number of staff, laborers, affiliates, personnel and/or agents to undertake kerosene distribution, transportation, delivery, storage, and security processes as directed by the Blumont team.
13. The contractor must take care of all local authorities' letters, permits, memos and approvals whatsoever. Blumont shall undertake no responsibility at all to secure any kind of local authorities' approvals and/or permits.
14. The contractor shall be solely responsible for the security and safety of his staff members, laborers, affiliates, personnel and/or agents. To this effect, he is responsible to strictly adhere to the Syrian labor safety regulations and requirements.
15. The contractor shall be solely liable in case of any kind of diseases, damages, security incidents, injuries and/or death that may occur to his staff members, laborers, affiliates, personnel and/or agents, as result of implementation of this contract.
16. The contractor shall be solely liable in case of any kind of diseases, damages, security incidents, injuries and/or death that may occur to any third party, as result of implementation of this contract.
17. Blumont shall only pay the contractor for the quantities of kerosene which have been accepted by Blumont and provided and distributed by the contractor in an adequate manner and timely fashion.
18. Blumont shall settle the contractor's accounts at the end of each month after at least 30 days of receiving a proper invoice and all adequate financial papers.

19. The contractor is responsible to provide and secure at least one fire Extinguisher (25 Kg) to be based in the camp during the kerosene distribution and storage period, this fire engine must stay on standby for any fire incidents that may occur in the kerosene distribution and storage points.
20. The contractor is responsible for providing all his staff members, laborers, affiliates, personnel and/or agents with safety tools during the storage and distribution processes.
21. The contractor is responsible for training all his staff members, laborers, affiliates, personnel and/or agents on the Civil Defense courses, using fire extinguishers, and how to deal with fire incidents.
22. The contractor is responsible for provide and install suitable and fixed tanker per each distribution point.
23. The Contractor is responsible to provide and install suitable backup power source, (Generator with suitable capacity to ensure operating the flow meters)

KEROSENE QUALITY CHECK

As mentioned in the Kerosene scope, Blumont will be inspecting the Kerosene in the tankers of the mobile tankers on a daily basis, respecting the details below.

- Color of Kerosene
Accepted range: From water white to pale yellow (sample photos of pale yellow are found below - While photos may not be an entirely reliable standard, they are a useful supplement to verbal descriptions)
- Physical attributes
This is referring to potential visible impurities that can be found in the sample being tested from each mobile tanker such as dust, rust, sand, dirt, other foreign particles that can be seen with the naked eye.
This may not be a 100% indicator of Kerosene quality, but more related to mobile tanker sanitary status which will be a factor to approve/reject kerosene in a mobile tanker.
- Burning – Combustion
A critical factor in the quality check, It helps determine whether the combustion is complete and if there are contaminants, such as gasoline or diesel, in the kerosene
Process: pour the kerosene on dry ground in a curved pattern, then ignite it.
The flame should burn steadily and not cause any sudden explosions, which will indicate that contains gasoline/benzene.
Additionally, observe the smoke produced by the fire. There should be no black smoke rising from the flames. The presence of black smoke would indicate contamination, particularly diesel, within the kerosene.
- Density
Density range should be within 0.75 to 0.84 g/cm³ at 15°C
It is important to note that kerosene density is affected by temperature. As the temperature increases, the density decreases due to thermal expansion.
If the measurements will be taken at other temperatures, corrections should be applied using the appropriate correction tables (such as the ASTM-IP Petroleum Measurement Tables) to adjust the readings to the standard temperature of 15°C.
These density value come from data typically used for kerosene-based aviation fuels like Jet-A, Jet-A1, which are covered under the ASTM D1655 specification. For more precise data or specific fuel types, it's recommended to refer directly to the ASTM D1655 standard. (ASTM.org)

Sample Photos of Pale yellow accepted color

