

WASTEWATER SECTOR

QORTADA-SFAILEH-DEIR KHOUNA-HLALIYEH

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| GOVERNMENT ENTITY |
| Ministry of Energy and Water / Beirut - Mount Lebanon Water Establishment |
| PROJECT DESCRIPTION |
| <p>The project comprises two main components:</p> <ul style="list-style-type: none"> - Four wastewater treatment plants: Qortada (34,330 PE), Sfaileh (108,800 PE), Deir Khouna (79,478 PE) and Hlaliyeh (51,144 PE) in horizon year 2050; and - Their relative collection and conveyance systems, connecting 14,500 homes and all totaling 400km of lines and 284km of over-asphalting. |
| OBJECTIVES AND EXPECTED IMPACT |
| <ul style="list-style-type: none"> - Environment and groundwater protection from wastewater pollution. - Elimination of public health hazards to citizens. |
| EXPECTED ROLE OF THE GOVERNMENT |
| <ul style="list-style-type: none"> - Undertake land expropriation and help secure financing for the project. - Initiate a tariff reform, require metering and enforce connections. - Ensure appropriate quality and quantity of influent. |
| EXPECTED ROLE OF THE PRIVATE PARTNER |
| <ul style="list-style-type: none"> - Design, build, operate and maintain the above systems for 35 years. - Monitoring the quality and characteristics of the raw wastewater - Respect the effluent and air quality standards set by the Ministry of Environment. - Provide staff training. |
| PROJECT LOCATION |
| <ul style="list-style-type: none"> - Qortada : Deir-El-Harf, Kneisse, Qsaibe, Qortada, Ras El Metn, Zandouka, Aiyoun, Broumana (part), Masqa. - Sfaileh: Bzibdine, Dlaibe – Aarbaniye, Hasbaya El Metn, Jouret Arsoun, Kfar Selouna, Salima, Aayroune, Ain El Zeitoun, Baabdat (part), Choueir, Dahr El Souane, Douar, Ghabe Bologna – Wata Mrouj, Mar Moussa, Mrouj, Mzakke, Qennabe Salima, Sfaileh, Zaraoune, Qennabe Bsefrine, El Qaaqour, Arsoun, Jouwar El Haouz, Qornayel, Tarchich, Aintoura, Majdel Tarchich, Mtein, Qottara Aintouret. - Deir Khouna: El Chmeice, Deir Khouna, El Qrayeh, Haret Hamzeh, Mazraet el Mzeiraa, Qoubeyyaa, Qtaleh, Ras el Harf, Saoufar, Bmariam, Btebiat, Btekhmay, Chbaniyeh, Khraibeh, Qalaa, Falougha, Hammana. - Hlaliyeh: Aabadiyeh, Ain Mouaffaq, Baalchmay, Bhamdoun, Chouit, Hlaliyeh, Roueisset El Ballout. |
| PROJECT TIMELINE |
| <ul style="list-style-type: none"> - Feasibility study completed. - Currently identifying plots of land requiring expropriation (surface of 136,000m²) - Expected construction period of 2 years. |
| EXPECTED COST (USD) |
| CapEx and expropriation: USD 194MM |
| CONTACT |
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