

**LONG TERM AGREEMENT (LTA) FOR Boreholes Rehabilitation and Maintenance**  
**Bill of Quantity (BoQ)**

Financial offer

**Section 1: Rehabilitation and Cleaning of Boreholes in Za'atari and Azraq**

SN	Item description	unit	Qty	Price	Total Price	Remarks
1	Provide CCTV inspection and report for 1 borehole with a range of total depth of 380 to 450m when required. The report should show the conditions of the casing, slots, sediments, and any other technical issues in the borehole. Price includes all required staff, tools, equipments, and reports to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task at least 5 times in 2021 in Za'atari and Azraq.
2	Provide caliber survey inspection and report for 1 borehole with a range total depth of 380 to 450 m when required. The report should show the caliber, well design, casing details, logging depth and time, and any other technical details. Price includes all required staff, tools, equipments, and reports to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task at least in 5 boreholes in 2021 in Za'atari and Azraq. Price should consider taking the pump out and reinstall it including all required equipments.
3	Cleaning sediment by air surging for 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task at least in 3 boreholes in 2021 in Za'atari and Azraq. Price should consider taking the pump out and reinstall it including all required equipments.
4	Cleaning sediment using 8 1/2 inches bit for 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task at least in 2 boreholes in 2021 in Za'atari and Azraq. Price should consider taking the pump out and reinstall it including all required equipments.
5	Cleaning the well using burshes for 12 to 15 hours 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task at least in 5 boreholes in 2021 in Za'atari and Azraq. Price should consider taking the pump out and reinstall it including all required equipments.
6	Full development for the well using air surging/ air lifting for 1 borehole with a range of total depth of 380 to 450 m when required. Price should include all staff, tools, equipments, data collection, reporting, and all necessary resources to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			It's estimated to have this task in 5 boreholes in 2021 in Za'atari and Azraq. Price should consider taking the pump out and reinstall it including all required equipments.
7	HCL 30% treatment for the well subject to approval from UNICEF and review for the methodology and sepcification of the applied HCL. Amount of HCL to be inject in the well is 5 to 8 tons based on the field requirements and recommendations.	Set	1			NA

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#### Section 2: Rehabilitation and Cleaning of Boreholes in Rukban

SN	Item description	unit	Qty	Price	Total Price	Remarks
1	Provide CCTV inspection and report for 1 borehole with a range total depth of 380 to 450 m when required. The report should show the conditions of the casing, slots, sediments, and any other technical issues in the borehole. Price includes all required staff, tools, equipments, and reports to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
2	Provide caliber survey inspection and report for 1 borehole with a range total depth of 380 to 450 m when required. The report should show the caliber, well design, casing details, logging depth and time, and any other technical details. Price includes all required staff, tools, equipments, and reports to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
3	Cleaning sediment by air surging for 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
4	Cleaning sediment using 8 1/2 inches bit for 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
5	Cleaning the well using burshes for 12 to 15 hours 1 borehole with a range of total depth of 380 to 450m when required. Price should include all staff, tools, equipments, data collection, daily reports, to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
6	Full development for the well using air surging/ air lifting for 1 borehole with a range of total depth of 380 to 450 m when required. Price should include all staff, tools, equipments, data collection, reporting, and all necessary resources to complete the job. Contractor will have to mobilize in less than 48 hours.	Set	1			NA
7	HCL 30% treatment for the well subject to approval from UNICEF and review for the methodology and specification of the applied HCL. Amount of HCL to be inject in the well is 5 to 8 tons based on the field requirements and recommendations.	Set	1			NA

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**Section 3: Testing, Repairs, and Re-installation of Submersible Pumps**

SN	Item description	unit	Qty	Price	Total Price	Remarks
1	Inspection, testing, and repairs of existing submersible pump of 75 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Za'atari and Azraq
2	Inspection, testing, and repairs of existing submersible pump of 75 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Rukban
3	Inspection, testing, and repairs of existing submersible pump of 83 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Za'atari and Azraq
4	Inspection, testing, and repairs of existing submersible pump of 83 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Rukban
5	Inspection, testing, and repairs of existing submersible pump of 93 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Za'atari and Azraq
6	Inspection, testing, and repairs of existing submersible pump of 93 KW power rating including taking and pump out, re-installation, testing with WAJ and all associated transportation, staff, and equipment costs.	Set	1			Rukban

**LONG TERM AGREEMENT (LTA) FOR Boreholes Rehabilitation and Maintenance****Bill of Quantity (BoQ)****Financial offer****Section 4: Supply and Installation of New Submersible Pumps**

SN	Item description	unit	Qty	Price	Total Price	Remarks
1	Supply of a new submersible pump of 75 KW power rating including all associated costs of transportation to both camp Za'atari and Azraq.	Set	1			Za'atari and Azraq
2	Supply of a new submersible pump of 83 KW power rating including all associated costs of transportation to both camp Za'atari and Azraq.	Set	1			Za'atari and Azraq
3	Supply of a new submersible pump of 93 KW power rating including all associated costs of transportation to both camp Za'atari and Azraq.	Set	1			Za'atari and Azraq
4	Supply of a new submersible pump of 83 KW power rating including all associated costs of transportation to Rukban.	Set	1			Rukban
5	Supply of a new submersible pump of 93 KW power rating including all associated costs of transportation to Rukban.	Set	1			Rukban
6	Installation of a new submersible pump in Za'atari or Azraq including all associated costs and testing with WAJ.	Set	1			Za'atari and Azraq
7	Installation of a new submersible pump in Rukban including all associated costs and testing with WAJ.	Set	1			Rukban

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#### Section 5: Riser Pipes and other Fittings

SN	Item description	unit	Qty	Price	Total Price	Remarks
1	Supply of 4" galvanized riser pipes to Za'atari or Azraq including all associated costs.	Set	1			Za'atari and Azraq
2	Supply of 4" black steel riser pipes to Za'atari or Azraq including all associated costs.	Set	1			Za'atari and Azraq
3	Supply of 4" galvanized riser pipes to Rukban including all associated costs.	Set	1			Za'atari and Azraq
4	Supply of 4" stainless riser pipes to Rukban including all associated costs.	Set	1			Rukban
5	Replacement and installation of riser pipes in Za'atari or Azraq including all associated costs.	Set	1			Rukban
6	Replacement and installation of riser pipes in Rukban including all associated costs.	Set	1			Za'atari and Azraq
7	Supply and installation of power supply cable to the submersible pump in Za'atari or Azraq ( 3x 120mm ) size including all associated costs.	Set	1			Za'atari and Azraq
8	Supply and installation of power supply cable to the submersible pump in Rukban ( 3x 120mm ) size including all associated costs.	Set	1			Rukban