



Ref: PAL10-00047395

Date: 09 September 2019

Subject: Construction of Khan Younis Waste Water Treatment Plant Project (KY WWTP) – Progress Report

Dear Mr Awadat,

Reference is made to the contribution agreement between the Islamic Development Bank and UNDP's Programme of Assistance to the Palestinian People for the Construction of Khan Younis Waste Water Treatment Plant Project, effective 05 September 2013.

I am pleased to submit herewith the narrative and financial progress report for the abovementioned project.

The report summarizes the progress of the project as of 31 August 2019, and provides an overview of the achievements, challenges, financial status and way forward.

I thank the Islamic Development Bank for its contributions to UNDP and look forward to strengthening our partnership in support of the Palestinian People.

Sincerely yours,

Yvonne Hella
Special Representative of
the Administrator
UNDP/PAPP

Attached:

Construction of Khan Younis Waste Water Treatment Plant Project / Progress Report No. 18 – August 2019

Mr Abdalla Awadat
Manager of Palestine Projects Portfolio
Special Funds Department
Islamic Development Bank
Kingdom of Saudi Arabia

Progress Report No.18 August 2019	
Project Name	Construction of Khan Younis Waste Water Treatment Plant (KY WWTP)
Donor	Kuwait Fund for Arab Economic Development through the Islamic Development Bank (IsDB)
Project No.	KDF - 03
Funding Amount	US\$ 42 million
<p>Project Goals</p> <p>The overarching goals of the project are:</p> <ol style="list-style-type: none"> 1. Protecting public health and environment of Khan Younis residents; 2. Contributing to develop public and social infrastructure in the Gaza Strip; 3. Preserving the limited water resources in the Gaza Strip, especially the coastal water aquifer; 4. Providing a new non-conventional water source through recharging the treated waste water into the aquifer to ultimately be used for agricultural purposes; 5. Enhancing the operational capacity of the Coastal Municipalities Water Utility (CMWU) as final operator of the treatment plant. <p>In order to reach these goals, the project seeks to construct a comprehensive, functional and operational wastewater treatment plant in accordance with international standards to serve the residents of Khan Younis starting 2019.</p>	
Project Description	<p>The project comprises of the following main components:</p> <ul style="list-style-type: none"> ▪ Reviewing design and tender documents and construction supervision for the project This activity includes providing an international consultancy firm to carry out the design review, prepare the final tender documents and to carry out the on-site construction supervision for the project's works; under the direct management of the United Nations Development Programme/Programme of Assistance to the Palestinian People (UNDP/PAPP). ▪ Constructing the first phase of the waste water treatment plant and operating it for one year after commissioning This activity includes constructing a comprehensive wastewater treatment plant with a capacity of 26,600 cubic metres per day to serve the residents of Khan Younis, as a first phase of operation; in

	<p>addition to operating the plant for one year after commissioning by the same contractor who will also commission the construction works.</p> <ul style="list-style-type: none"> ▪ Constructing the infiltration basins for the treatment plant The wastewater treatment plant will include constructing infiltration basins on an area of 100 dunums to recharge the treated effluent into the aquifer. The implementation of this component falls in line with the Palestinian Water Authority (PWA) strategy and will contribute to increasing availability of underground water by 09 million cubic metres annually as a result of operating the plant. ▪ Constructing effluent and emergency pressure pipelines to infiltration basins and sea In order to ensure appropriate and environmentally acceptable disposal of waste water according to the PWA strategy, the waste water treatment plant will include constructing an effluent and emergency pressure pipeline of around 18.6 kilometres' length to convey the treated waste water to the infiltration basins, and to the sea in emergency cases. ▪ Constructing the main electrical power supply line for the treatment plant Medium tension (MT/22kv) transmitting lines will be installed from the main power network in Salah Eddin street to the project site in Sofa, around 3,000 metres length, inclusive of poles, clamps, cement foundations and transformers, to provide a total power of around 4.2 mega volt-ampere to operate the plant. This will be done in full coordination with the Palestinian electrical company/Gaza Electrical Distribution Corporation.
Beneficiaries	The Palestinian Water Authority (PWA), the Coastal Municipalities Water Utility (CMWU) and Khan Younis Municipality
Implementer	United Nations Development Programme/ Programme of Assistance to the Palestinian People (UNDP/PAPP)
Starting Date	September 2013
Ending Date	December 2020
Brief Progress Report	<ul style="list-style-type: none"> ▪ Reviewing design and tender documents and construction supervision for the project <ul style="list-style-type: none"> ➤ UNDP signed the contract of the design review, pre-contract and construction supervision services with Artelia and Universal Group (Artelia&UG) consultant in the total amount of US\$ 2,944,594 on 30 July 2015. The work activities commenced on 10 August 2015.

	<ul style="list-style-type: none">➤ After commencing the on-site work activities of the project's different components on 22 January 2017 and afterwards, the consultant continued providing the needed construction supervision services on site and at home office as planned.▪ Constructing the first phase of the wastewater treatment plant and operating it for one year after commissioning<ul style="list-style-type: none">➤ UNDP signed the contract ITB-2016-158, Construction of Khan Younis Waste Water Treatment Plant and Buildings, with the contractor, Metito (Overseas) LTD, at a total contract price of US\$ 18,935,575.73 on 14 December 2016. The contract price was increased to read US\$ 21,700,133.66 after adopting and approving by the IsDB the variation orders no.1, 2 and 3 summarized in previous reports.➤ The site was handed over to the contractor on 18 January 2017 and the work activities commenced on 22 January 2017.➤ UNDP managed to keep the on-site construction works moving ahead without stoppage despite of the issuance of the Israeli approvals to access the construction materials and equipment into Gaza in fragmented intervals as briefed in previous reports.➤ The on-site construction works started on 13 April 2017 with the excavation works for the administrative building, workshop, aeration tank, clarifiers and drying beds. Up to August 2019, more than 49,000 m² of surface soil have been stripped and 109,000 m³ of soil have been excavated after stripping for the different structural components.➤ The construction works continued by casting reinforced concrete for the foundations of the administrative building, and plain concrete for the aeration tank (on 17 May 2017), followed by casting massive amounts of concrete for the foundations, walls, columns and slabs of the different structural components. Up to August 2019, more than 13,950 m² of plain concrete and 19,700 m³ of reinforced concrete have been casted for the administrative building, workshop, aeration tank, drying beds, clarifiers, thickeners, pre-treatment building, manholes and distributors, sand filter, composting area, blowers and generator rooms.➤ More than 2,700 m² of concrete blocks have been constructed and 12,000 m² of internal and external plastering have been executed for the administrative building, workshop, aeration tank, pre-treatment building, sand filter and blowers and
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	<p>generators rooms. More than 950 m² of wall and floor tiles have been fixed at the administrative building.</p> <ul style="list-style-type: none"> ➤ More than 43,000 m³ of selected excavated materials, clean sand and Kurkar have been backfilled around different structural components and for the composting area. 18,400 m³ of clay, sand and gravel layers have been backfilled under and around 4,900 m of PVC perforated pipes installed for the drying beds. ➤ More than 7,800 m² of asphalt and 2,200 m² of interlock tiles (06 cm thick) have been laid for internal roads. Around 16,000 m² of natural lawn have been planted. More than 1,550 m of aluminium hand railing and 1,500 m of galvanized steel fence have been installed. ➤ Most of the required mechanical and electrical equipment have been delivered and installed on site. Up to August 2019, more than 3,000 m of ductile iron, steel, stainless steel and high-density polyethylene pipes, 42 pumps, 190 valves, 16 mixers, 05 air blowers, 06 jet aerators, 4,000 air diffusers, 13,000 filter nozzles, 10 sluice gates, 20 stop logs, 04 fine and coarse screens, 02 conveyor, 01 grit classifier, 02 grit and grease scraper bridges, 04 suction scraper bridges, 02 surge skirt, 12 cranes, 10 flowmeters, 03 diesel generators, 02 fuel tanks, 01 surge tank, 01 biofilter system, PV system 18 KW, 01 vacuum truck, lab instruments and main electrical panels, equipment, fittings, sensors and cables have been supplied and installed on site for different structural components. The dry tests for the equipment have been finalized on 08 August 2019. ➤ Up to August 2019, most of the civil, mechanical and electrical works have been completed on site. The overall percentage of achievement of this package is around 90%. The remaining 10% will be achieved when the one-year operation stage is completed. ➤ Waste water can be introduced to the plant to start the commissioning stage pending the confirmation of the PWA and the CMWU to provide the electrical power required to operate the plant on a continuous basis; which is currently under follow up by UNDP with the concerned authorities. <ul style="list-style-type: none"> ▪ Constructing the infiltration basins for the treatment plant <ul style="list-style-type: none"> ➤ In close cooperation between UNDP and CMWU, CMWU signed the contract ITB 2016-220-CMWU, Construction of the
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	<p>Infiltration Basins in Al Fukhari for KY WWTP, with the contractor, Abu Shammala & Abu Dan Co. General Trade & Contracting LTD, at a total contract price of US\$ 5,636,000 on 08 February 2017. The work activities commenced on 23 February 2017.</p> <ul style="list-style-type: none">➤ CMWU uploaded the initial list of materials on the GRAMMS system in December 2016. However, the necessary materials such as steel pipes, valves and screens were lately approved on 13 February 2018, and the required electrical cables, parts and fittings were coordinated later through the Israeli private sector and finally accessed to the site.➤ The excavation works started on site on 01 April 2017. Up to April 2019, 604,039 m³ of soil have been excavated and 592,406m³ of unwanted clay have been disposed outside the site to approved dumping location. 375,149 m³ of clean sand and selected excavated materials have been transferred and backfilled in the basins to replace the excavated clay. 647 m³ of reinforced concrete have been casted for the administrative building, valve chambers and ground beams. 13,055 m² of nonwoven geotextile, 2,387 m³ of Macadam stones and 16,297 m² of plantation have be placed at the edges of the infiltration basins. 1,379 m of main steel pipes and 06 motorized valves with related fittings and 06 chain hoist have been installed inside the basins. 19 lighting poles of 08 m length and 07 poles of 06 m length with their electrical network have been installed. 01 prime diesel generator with a capacity of 50 KVA has also been supplied and installed on site. 06 investigation wells, 06 infiltration wells and 04 monitoring wells have been dug and accomplished in the basins. 4,026 m² of asphalt were laid for internal roads inside the site in addition to 1,885 m² interlock tiles for the access road.➤ The damages caused by the Israeli Air Force missile on the basins on 11 November 2018 were repaired in February and March 2019, with additional cost amounting to US\$ 42,918.4.➤ All the construction works of the infiltration basins have been completed on site and the infiltration basins have been handed over on 16 April 2019.➤ CMWU signed the contract ITB-2019-001, Construction of the Boundary Wall for the Infiltration Basins in Al Fukhari with the contractor, Golden Steps Co., at a total contract price of US\$ 184,300. The site was handed over to the contractor on 15 July
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	<p>2019. Up to August 2019, more than 300 metres length of the boundary wall have been constructed. The overall percentage of achievement of this component is around 20%.</p> <ul style="list-style-type: none"> ▪ Constructing effluent and emergency pressure pipelines to infiltration basins and sea According to the project agreement, UNDP will implement 30% of the pressure pipeline and the CMWU will implement 70% of the pressure pipeline. ▪ UNDP Package: <ul style="list-style-type: none"> ➤ UNDP signed the contract ITB 2016-219-UNDP, Construction of Main Pressure Lines to the Sea and to the Infiltration Basins for KY WWTP, Lot #2 Ductile Iron Pipe (UNDP package with around 5.6-kilometre length) with the contractor, Handala Company for Engineering Contracting & General Trade, at a total contract price of US\$ 1,757,992 on 14 December 2016. The contract price was increased to read US\$ 2,089,626.68 after adopting and approving by the IsDB the variation order no.1 summarized in previous reports. ➤ The work activities commenced on 22 January 2017. ➤ After the Israeli delay of issuing approval to access the ductile iron pipes to Gaza for more than one year, their approval was obtained on 09 January 2018 and their approval for the related donation number was obtained on 25 January 2018. ➤ The first shipment of pipes (1,824 m with a diameter of 900 mm) successfully accessed Gaza on 25 June 2018. ➤ The remaining pipes (3,876 m with a diameter of 900 mm) were manufactured and shipped in November 2018 and unloaded in Ashdod port in December 2018. ➤ Up to August 2019, all required pipes for this contract have accessed Gaza and more than 5,540 m of the pipes have been installed and hydraulically tested on site. More than 1,500 m of the excavated trenches in the asphalt roads have been reinstated. ➤ The remaining valves and fittings have been shipped and are expected to arrive at Ashdod port on 31 August 2019, entered into Gaza and installed on site in September 2019. ➤ The overall percentage of achievement of this package is around 90%, and the already installed pipes can transfer the treated effluent from the plant to the infiltration basins.
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	<ul style="list-style-type: none">▪ CMWU Package:<ul style="list-style-type: none">➤ In close cooperation between UNDP and CMWU, CMWU signed the contract ITB 2016-219-CMWU, Construction of Main Pressure Lines to the Sea and to the Infiltration Basins for KY WWTP, Lot #2 Ductile Iron Pipe (CMWU package with around 13.0-kilometre length) with the contractor, Handala Company for Engineering Contracting & General Trade, at a total contract price of US\$ 3,821,020 on 08 February 2017. The contract price was increased to read US\$ 4,607,904.46 after adopting and approving by the IsDB the variation order no.1 summarized in previous reports.➤ The work activities commenced on 23 February 2017.➤ After the Israeli delay of issuing approval to access the ductile iron pipes to Gaza for more than one year, their approval was obtained on 13 February 2018.➤ The first lot of pipes (1,767 m with a diameter of 900 mm) was successfully accessed to Gaza in November 2018.➤ The second lot of pipes (3,249 m with a diameter of 900 mm and 2,451 m with a diameter of 1,000 mm) was manufactured and shipped in December 2018 and accessed Gaza between 30 January and 18 March 2019.➤ The manufacturing and shipping of the remaining lot of pipes (3,477 m with a diameter of 900 mm and 2,308.5 m with a diameter of 1,000 mm) were rescheduled by the contractor to be accessed Gaza in September and October 2019. The first portion of these pipes (615.6 m) has arrived Ashdod port on 25 August 2019 and the second portion (1,835.4 m) shall arrive on 31 August 2019. The last portion (3,334.5) is scheduled to arrive Ashdod port on 25 September 2019.➤ Up to August 2019, 4,873 m of pipes (with a diameter of 900 mm) and 2274 m of pipes (with a diameter of 1000 mm) have been installed on site. The overall percentage of achievement of this package is around 55%▪ Constructing the main electrical power supply line for the treatment plant<ul style="list-style-type: none">➤ UNDP signed the contract (ITB-PAL-0000046488) Construction of Main Electrical Power Supply Line for KY WWTP with the contractor, Saqqa and Khoudary Co. Ltd, at a total contract price of US\$ 841,250 on 02 October 2018.
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	<ul style="list-style-type: none"> ➤ The work activities commenced on 07 October 2018. ➤ The contractor moved ahead with the work activities mainly as scheduled. Up to July 2019, 34 hot galvanized lattice steel poles, 2,483 m of electrical wires, 1,163 m of underground cables, 840 m of single core cables, 03 main transformers, 02 switch gears, 02 auto re-closers with all required parts, fittings and accessories have been supplied and installed on site. In addition, more than 2,700 m of galvanized steel wire mesh 50x50x2.5 mm for fences have been installed on site. ➤ The electrical power from GEDCO main grid has successfully entered the plant for testing on 29 May 2019. ➤ After completing the main/essential works of the electrical power supply line and conducting the required tests by GEDCO, the completed works were partially handed over on 18 July 2019. ➤ The remaining/postponed portion of the works (the asphalt work for road no. 14 in Al Fukhari) shall be accomplished by the contractor, Saqqa and Khoudary Co., after reinstating the asphalt of the trenches excavated by the contractor Handala Co. for the ductile iron pipes in the same road. <p>▪ Construction of Main Influent Pressure Line from Existing GRP Pipe to KY WWTP</p> <ul style="list-style-type: none"> ➤ UNDP signed the contract (ITB-PAL-0000058252) Construction of Main Influent Pressure Line from Existing GRP Pipe to KY WWTP with the contractor, El Khaesie Co. Ltd, at a total contract price of US\$ 438,900 on 08 April 2019. The work included constructing a permanent ductile iron pipe to transfer the waste water from the existing pumping station no. 8 to KY WWTP for the commissioning and operation of the plant. ➤ The work activities commenced on 11 April 2019. ➤ UNDP uploaded the initial list of materials on the CLA system on 04 February 2019. UNDP received the Israeli approval to access the required pipes and materials on 28 April 2019. The Ministry of Finance sent their request for approval for the related donation number to the Israeli concerned authorities on 29 May 2019. ➤ Up to date, the Israeli authorities did not issue their approval for the donation number; required to ship and facilitate accessing the required pipes and materials through the Israeli
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	<p>port without paying taxes.</p> <ul style="list-style-type: none"> ➤ Up to August 2019, the rehabilitation of the existing valves located in the pumping stations no. 2 and 3 in Khan Younis city, in addition to installing 02 sluice gates in the related energy breaker, to enable transferring the waste water from the city to pumping station No. 8, have been completed on site. <p>▪ Temporary Construction Works for Influent Pressure Line for the commissioning of KY WWTP</p> <ul style="list-style-type: none"> ➤ UNDP signed the contract (PAL-0000070882) Temporary Construction Works for Influent Pressure Line for the commissioning of KY WWTP with the contractor, Mushtaha Co., at a total contract price of US\$ 84,400 on 26 May 2019. The work includes constructing a temporary UPVC pipe to enable transferring waste water from the existing pumping station no. 8 to KY WWTP to start the commissioning of the plant without delay. A variation order amounting to US\$ 19,000 was also adopted, after approving it by the IsDB, to clean the existing main sewer pipes located in Salah Eddin street and to enable transferring the waste water from the city to the existing pumping station no.8. ➤ The work activities commenced on 26 May 2019. ➤ Up to July 2019, the required 1,227 m of UPVC pipes have been supplied, installed and tested on site. Cleaning the existing main sewer pipes has also been accomplished as scheduled. ➤ The temporary influent pressure line for the commissioning of KY WWTP have been handed over on 23 July 2019. ➤ By the completion of this package, the waste water can be physically introduced from pumping station no.8 to the plant to start the commissioning stage.
<p>Achievement Percentage</p>	<p>The contract of the design review, pre-contract and construction supervision services was signed on 30 July 2015, and the activities commenced in August 2015. Despite a highly complex operating environment, the overall project is currently moving according to the established work plan:</p> <ol style="list-style-type: none"> 1. The design review and the final draft tender documents were delivered. 2. The prequalification process for international contractors for the treatment plant was undertaken. 3. The prequalification processes for local contractors for the

	<p>pressure line and infiltration basins were undertaken.</p> <ol style="list-style-type: none">4. The procurement/tendering processes for the treatment plant, the pressure lines, the infiltration basins, and the main electrical power supply line were undertaken.5. The construction contracts of the treatment plant and the pressure line (UNDP package) were signed on 14 December 2016 and the work activities of these components commenced on 22 January 2017.6. The construction works of the treatment plant have been completed on site and the commissioning stage will start soon. The overall percentage of achievement of this package is around 90%. The remaining 10% will be achieved when the one-year operation stage is completed.7. The construction works of the pressure line (UNDP package) are moving ahead to completion. The overall percentage of achievement of this package is around 90%, and the installed pipes are ready to transfer the treated effluent from the plant to the infiltration basins. The remaining 10% will be achieved once the installment of fittings, asphalt and finishing works are completed.8. The construction contracts of the pressure line and the infiltration basins (CMWU packages) were signed on 08 February 2017 and the work activities of these components commenced on 23 February 2017.9. The construction works of the infiltration basins have been completed and handed over on 16 April 2019.10. The work activities of the pressure line (CMWU package) are moving ahead. The overall percentage of achievement of this package is around 55%. There was more than one-year delay in obtaining the Israeli approval to access the pipes. All shipment of pipes and construction is anticipated to be completed by end of 2019.11. The essential construction works of the main electrical power supply line have been completed and partially handed over on 18 July 2019.12. The work activities of the permanent influent pressure line are moving ahead with overall percentage of achievement of around 20%. There was more than three months delay in obtaining the Israeli approval for the donation number.13. The construction works of the temporary influent pressure line, including cleaning the existing main sewer pipes located in Salah Eddin street, have been completed and handed over on 23 July 2019.
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<p>Obstacles</p>	<ol style="list-style-type: none"> 1. The start of the first component - the review of design and tender documents - was delayed by more than 12 months due to requests for changes on the scope of work and ToR in early 2014, and due to the subsequent 51-day hostilities on Gaza between 08 July and 27 August 2014, which prevented performing any activity for the entire period. 2. After initiating the activities, the review of the design and the provision of the final tender documents were delayed due to partners' requests for changing the design as described in previous reports. UNDP managed to limit those delays to two months only, mobilizing in a transparent and competitive manner all partners to agree on changes without jeopardizing the original design. 3. After launching the Invitation to Bid for the Construction of Khan Younis Waste Water Treatment Plant and Buildings, the bids submission date was extended by five weeks due to the Israeli denial to issue permits for international bidders to accessing Gaza to attend the pre-bid meeting and the site visit. 4. The staff of the international contactor, Metito (Overseas) LTD, are still facing difficulties in getting visas and permits from the Israeli concerned authorities to access Gaza. 5. Delay of the Israeli approvals to access the construction materials and equipment to Gaza. 6. Delay for more than one year of the Israeli approval to access the ductile iron pipes and fittings for the effluent pressure lines to Gaza. 7. The closure of Karm Abu Salem crossing on 09 July 2018 prevented the access of any kind of construction materials to Gaza. 8. The Israeli aerial strike damaged the newly constructed internal road of the infiltration basins on 11 November 2018 delayed the completion and the handing over of the basins. 9. Delay for three months of the Israeli approvals to issue the donation number required for shipping and accessing, through the Israeli port, the ductile iron pipes and fittings for the permanent influent pressure line. 10. Delay of PWA and CMWU in making a commercial agreement with GEDCO to provide and cover the cost of the electrical power; required on a continuous basis to operate the plant.
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Project Photos



Starting Excavation Works at KY WWTP Site on 13 and 18 April 2017



Starting Casting Reinforced Concrete for Admin Building and Plain Concrete for Aeration Tank on 17 May 2017



Casting Reinforced Concrete for the Foundation of the Aeration Tank on 20 June 2017



Accomplished Works of the Administrative Building up to August 2019



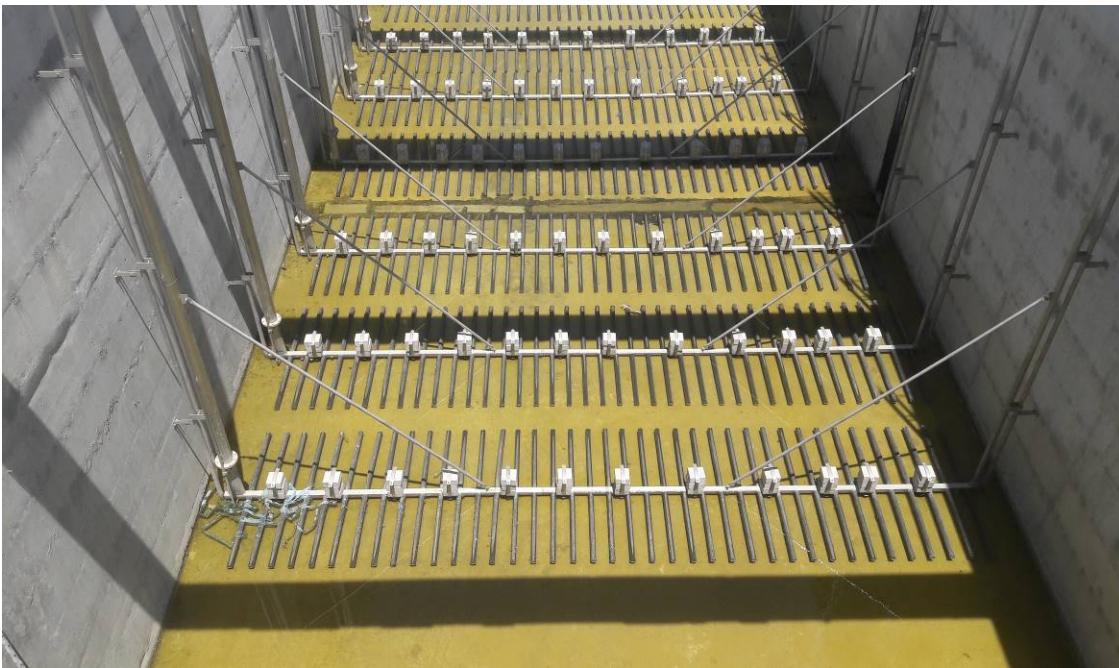
Accomplished Works of the Workshop up to August 2019



Structural and Mechanical Works for the Pre-Treatment Building up to August 2019



Structural and Mechanical Works for the Odour System up to August 2019



Structural and Mechanical Works for the Aeration Tank up to August 2019



Structural and Mechanical Works for the Clarifiers up to August 2019



Structural and Mechanical Works for the Thickeners up to August 2019



Accomplished Works for Drying Beds up to August 2019



Structural and Mechanical Works for the Sand Filter up to August 2019



Mechanical and Electrical Works for the Air Blowers up to August 2019



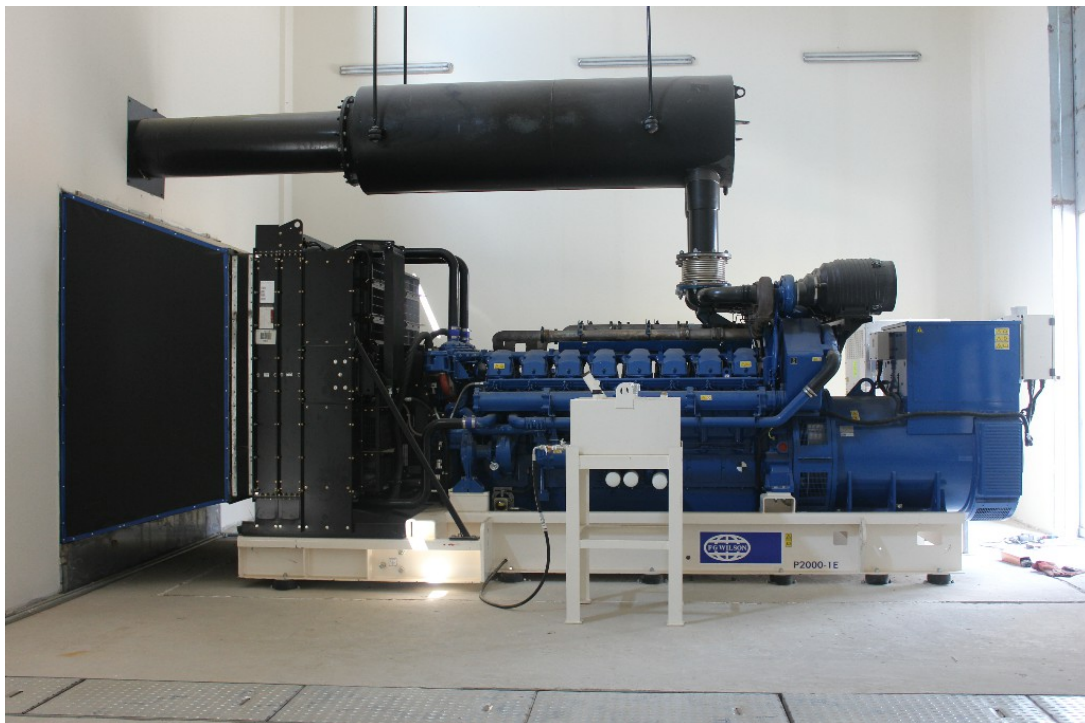
Installed Manifold and Surge Tank for Effluent Pumping Station up to August 2019



Installed Electrical Panels up to August 2019



Installed Electrical Panels up to August 2019



Installed Diesel Generators up to August 2019



Accomplished Works of the Infiltration Basins up to Handing Over in April 2019



Accomplished Works of the Infiltration Basins up to Handing Over in April 2019



Ductile Iron Pipes Accessed to Gaza, Installed and Tested on Site & Manholes and Asphalt Works up to August 2019



UPVC Temporary Pipes Installed, and Sewer Pipes Cleaned on Site in May and June 2019



Installed Electrical Poles, Cables and Transformers of the Main Electrical Line up to July 2019



Financial Report

Construction of Khan Younis WWTP, Phase I

Kuwait Fund / IDB Contribution

Financial Report

No.	Project Activities	Contract Amount USD	Reallocated Amount USD Reallocation No.1 - 29 Sept. 2015	Disbursed Amount US\$	Comments
1	Constructing KYWWTP, Phase I, Part of the Effluent and Emergency Pressure pipeline with 5.6 kilometers Length and Electrical Power Supply Line with One Year Operation	19,900,000	19,213,158	10,752,885.16	The contract price of KY WWTP was increased to US\$D 21,700,133.66 distributed as US\$ 10,425,388.66 from Kuwait Fund and US\$ 11,274,745 from GoJ. UNDP issued 30% advance payment and 16 payments to the contractor. The contract price of the pressure pipeline (UNDP package) was amended to US\$ 2,089,626.68 from Kuwait Fund. UNDP issued 30% advance payment and 06 payments to the contractor. The contract price of the electrical line is US\$ 841,250 from Kuwait Fund. UNDP issued 20% advance payment to the contractor and 04 payments to the contractor. The contract price of the DI influent pressure line is US\$ 438,900 from Kuwait Fund. UNDP issued 20% advance payment to the contractor. The US\$ 84,400 contract price of the UPVC temporary influent pressure line was increased to US\$ 99,300 from Kuwait Fund. UNDP issued 02 payments to the contractor.



2	Constructing the Effluent and Emergency Pressure Pipeline with Total Length of 13 Kilometers (CMWU Implementation)	6,000,000	5,792,912	2,996,664.37	The Contract Price of pressure pipeline (CMWU package) was increased to US\$ 4,607,904.46 from Kuwait Fund. CMWU issued 20% advance payment and 09 payments to the contractor.
3	Constructing the Infiltration Basins (CMWU Implementation)	7,400,000	7,144,591	5,241,351.66	The contract price of the infiltration basins (CMWU package) is US\$ 5,636,000 from Kuwait Fund. CMWU issued 20% advance payment and 10 payments to the contractor.
4	Total Construction Cost	33,300,000	32,150,661	18,990,901.19	
5	Consultancy services for the Construction Supervision, Design Review and Preparing Tender Documents of KY WWTP	1,000,000	2,149,339	1,719,471.20	The contract price for the consultancy services is US\$ 2,944,594 distributed as USD 2,149,339 from Kuwait Fund and US\$ 795,255 from GoJ. UNDP issued 20% advance payment and 07 payments to the consultant.
6	Technical Services for CMWU (Direct Implementation Cost) (4% from item 2+3)	536,000	517,500	309,286.55	US\$ 378,280.8 admin cost as per signed contracts. UNDP issued 1st advance payment amounting to US\$ 53,600 to CMWU in April 2014. UNDP issued 2nd advance payment amounting to US\$ 49,900 to CMWU in December 2015. UNDP issued US\$ 82,434.24 to CMWU in November 2016, US\$ 100,337.03 in April 2018 and US\$ 23,015.28 in July 2019.
7	UNDP Direct Implementation Cost	0	0	0.00	
8	GMS (7%)	2,438,520	2,437,225	1,471,376.13	
9	Total Administrative Cost	3,974,520	5,104,064	3,500,133.88	
10	Total Construction and Administrative Cost (Item 9+4)	37,274,520	37,254,725	22,491,035.07	
11	Contingency	4,725,480	4,745,275	0.00	
12	Grand Total	42,000,000	42,000,000	22,491,035.07	

United Nations Development Programme
Programme of Assistance to the Palestinian People
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Ashraf Abu Shamala, Programme Manager

Reviewed by:

Iman Al Hussein, Assistant Specialist Representative (Gaza Office)

Supervisor's name and signature:

Chitose Noguchi, Head of UNDP Gaza Office