



Ref: PAL10-00047395

Date: 3 January 2019

Subject: Construction of Khan Younis Waste Water Treatment Plant Project (KY WWTP) – Quarterly 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 quarterly progress report for the abovementioned project.

The report summarizes the progress of the project as to 31 December 2018, 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,


Geoffrey Prewitt
Special Representative a.i.
UNDP/PAPP


Attached:

Construction of Khan Younis Waste Water Treatment Plant Project / Progress Report No. 17 - December 2018

Mr Abedalla Awadat

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

Progress Report No.17 December 2018	
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	USD 42 million
Project Goals	
<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 2018.</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 meters per day to serve the residents of Khan Younis for 2018, as a first phase of

	<p>operation; in 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 95 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 9 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 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 and cement foundations, 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 USD 2,944,594 on 30 July 2015. ➢ The work activities of the consultancy services commenced on 10 August 2015.

	<ul style="list-style-type: none">➤ The kick-off meeting was conducted on 11 August 2015 in UNDP Gaza Office with the attendance of UNDP, Artelia&UG consultant, PWA, CMWU and the Khan Younis Municipality.➤ After finalizing the design review and the procurement processes for the project's different components, as updated in previous reports, UNDP signed the construction contracts for the project components to be implemented by UNDP on 14 December 2016 to have the commencement dates on 22 January 2017. In parallel, the CMWU signed the construction contracts for the project components to be implemented by CMWU on 08 February 2017 to have the commencement date on 23 February 2017. UNDP signed the contract for the construction of main electrical power supply line for KY WWTP on 02 October 2018 to have the commencement date on 07 October 2018. The construction supervision activities commenced on 22 January 2017. Since the commencement and up to date, 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 concluded the procurement processes and signed the contract ITB-2016-158, Construction of Khan Younis Waste Water Treatment Plant and Buildings, with the lowest priced bidder, Metito (Overseas) LTD, at a total contract price of USD 18,935,575.73 on 14 December 2016. The contract price was increased to read USD 21,700,133.66 after adopting and approving by the IsDB the variation order no.1 for changing the stainless steel for major equipment from SS 304 to SS 316, variation order no.2 for the additional quantities in the BOQs and variation order no.3 for the items of change for civil, mechanical and electrical works.➤ The kick-off meeting was conducted on 16 January 2017. The site was handed over to the contractor on 18 January 2017 and the work activities commenced on 22 January 2017.➤ UNDP uploaded the initial list of materials on the CLA system in August 2016. UNDP sent the contractor's final list of materials to the CLA on 11 March 2017 for approval to access the construction materials and equipment into Gaza (more than 1,000 items). UNDP received the Israeli approval for the ABC materials (cement, steel and aggregate) on 19 April 2017, for 192 items required for the first construction stage on 07 August 2017, for 420 items required for the second construction stage on 09 January 2018, for 263 items required for the third construction
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	<p>stage on 26 June 2018 and for 151 items required for the fourth construction stage on 03 December 2018. UNDP is working to get approval for the remaining materials required for the fourth construction stage.</p> <ul style="list-style-type: none"> ➤ 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 December 2018, more than 49,000 m² of surface soil have been stripped and 108,000 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. Casting of massive amounts of concrete continued for the foundations, walls, columns and slabs of the different structural components. Up to December 2018, more than 13,700 m² of plain concrete and 19,000 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 and blowers room. ➤ More than 2,000 m² of concrete blocks have been constructed and 5,000 m² of internal and external plastering have been executed for the administrative building, workshop, aeration tank and pre-treatment building. More than 900 m² of wall and floor tiles have been fixed at the administrative building. ➤ More than 30,000 m³ of clean sand and Kurkar have been backfilled around different structural components and for the composting area and 18,000 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. ➤ Parts of the required mechanical and electrical equipment have been delivered to the site and many are under manufacturing or shipping. Up to December 2018, more than 2,500 m of ductile iron, steel, stainless steel and high-density polyethylene pipes, 40 pumps, 190 valves, 16 mixers, 3 air blowers, 4,000 air diffusers, 13,000 filter nozzles, 04 fine and coarse screens, 01 conveyor, 01 classifier, 02 grit and grease scraper bridges, 04 suction scraper bridges, electrical equipment and fittings have been supplied and are currently under installation on site for different structural components. <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
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	<p>concluded the procurement processes and signed the contract ITB 2016-220-CMWU, Construction of the Infiltration Basins in Al Fukhari for KY WWTP, with the lowest priced bidder, Abu Shammala & Abu Dan Co. General Trade & Contracting LTD, at a total contract price of USD 5,636,000 on 08 February 2017.</p> <ul style="list-style-type: none"> ➤ The kick-off meeting was conducted on 21 February 2017. The site was handed over to the contractor on 22 February 2017 and the work activities commenced on 23 February 2017. ➤ CMWU uploaded the initial list of materials on the GRAMMS system in December 2016. The ABC materials in addition to plastic pipes and plumbing items were approved. The other necessary materials such as steel pipes, valves and screens were approved on 13 February 2018 and the required electrical cables, columns, parts and fittings were coordinated later through the Israeli private sector and accessed to the site. ➤ To achieve the on-site progress of work as planned, UNDP and CMWU managed with the partners and the contractor to start the on-site work, especially as the main construction materials were not highly needed at first stage of construction/excavation works. ➤ The excavation works started on site on 01 April 2017. Up to December 2018, more than 600,000 m³ of unwanted clay soil have been excavated and transferred outside the site to approved dumping location. More than 360,000 m³ of sand have been transferred to the site to replace the excavated clay. ➤ 13,000 m² of nonwoven geotextile membrane and 2,300 m³ of Macadam stones have been laid at the edges of the infiltration basins. ➤ 1,370 m of main steel pipes, with diameters of 36, 26 and 12 inches, have been installed inside the basins. ➤ For the administrative building, valves chambers and ground beams, more than 600 m³ of reinforced concrete have been casted and 300 m² of concrete blocks have been constructed. In addition, 180 m² of tiles and ceramic and 850 m² of internal and external plastering have been executed for the administrative building. ➤ For roads, more than 8,700 m² of Kurkar have been laid and compacted as subbase layer for the carriage and path ways, followed by laying and compacting more than 4,200 m² of base course layer for the carriage way. More than 4,000 m² of asphalt (in two layers) were laid for internal roads inside the site in addition to 1,800 m² interlock tiles for the access road. ➤ 19 lighting poles of 08 m length and 06 poles of 06 m length with
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	<p>their electrical networks have been installed. 01prime diesel generator with a capacity of 50 KVA has also been supplied and installed on site.</p> <ul style="list-style-type: none"> ➤ Six investigation wells have been dug and implemented in the six basins. The logs of these wells enabled ordering the screens required for the main infiltration wells. The screens are currently under shipping and are planned to be accessed to Gaza at the beginning of January 2019. ➤ The infiltration basins were targeted by Israeli Air Force missile on 11 November 2018 night at around 9:20 p.m. The aerial strike targeted the internal road, which has a closed end inside the basins, causing damages for this newly constructed asphalt road, curb stones, sidewalk, shoulder of basins No.3, electrical cables for the external lighting and for the main water pipe. The damages have been assessed with an estimated cost of around USD 40,000. These damages are proposed to be repaired by the same contractor as a variation order after getting the IsDB's approval. <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 concluded the procurement processes and 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, with the lowest priced bidder, Handala Company for Engineering Contracting & General Trade, at a total contract price of USD 1,757,992 on 14 December 2016. The contract price was increased to read USD 2,089,626.68 after adopting and approving by the IsDB the variation order no.1 concerning the price adjustment of the unit rates of the ductile iron pipes. ➤ The kick-off meeting was conducted on 17 January 2017. The site was handed over to the contractor on 18 January 2017 and the work activities commenced on 22 January 2017. ➤ UNDP uploaded the initial list of materials on the CLA system in September 2016. UNDP received the Israeli approval for the ABC materials on 23 February 2017. UNDP sent the contractor's final list of materials to the CLA on 11 March 2017 for approval to access the construction materials to Gaza Strip.
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	<ul style="list-style-type: none">➤ As updated in previous reports, UNDP exerted intensive efforts with the Israeli concerned authorities to get their approval to access the ductile iron pipes into Gaza and highlighted the importance of the prompt issuance of this approval to allow manufacturing the pipes and avoid the potential risk of claim by the contractor due to such delay of approval. The Israeli approval for accessing all pipes was obtained on 09 January 2017.➤ In parallel, UNDP kept following up with the Israelis to issue their approval for the donation number required to exempt the imported pipes and materials from taxes at the Israeli harbour. The Israel tax authority issued their written approval for the related donation number on 25 January 2018.➤ After getting the Israeli approvals, UNDP requested the contractor to place his order to manufacture, ship and access the pipes to Gaza. The contractor claimed that, due to the delay of the Israeli approvals for almost one year, the market prices for the ductile iron pipes have increased through this period. The contractor proposed to adjust the unit rates of the ductile iron pipes only as per the market prices to avoid losses, or to terminate the contract.➤ The issue was discussed with the IsDB's consultant on 23 January 2018. It was agreed upon the principle of assessing such request based on market survey for realistic costs for the donor's approval. It was agreed upon this approach to avoid terminating the contract and call for a new tender, which is not preferable for UNDP and the IsDB's consultant, as extra time will be needed to go again for the cycle of tendering, assessing bids, awarding the contract and requesting new Israeli approvals for accessing materials and issuing donation number for the new vendor with the risk of potential delays. The issue of the price adjustment was further consulted and communicated between UNDP and the IsDB in March and April 2018.➤ In parallel, the contractor signed the contract with the manufacturer to buy all the pipes on 16 March 2018.➤ The IsDB issued their no objection to negotiate the contractor for the price adjustment on 16 April 2018.➤ Based on market survey for realistic prices from different manufacturers of the ductile iron pipes and the final/actual prices of the ductile iron pipes as per the signed contract between the contractor and their manufacturer, UNDP conducted different negotiation sessions with the contractor to approach reasonable adjustment for the unit rates of the ductile iron pipes only.
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	<p>Through consultation between UNDP and the IsDB's consultant, the negotiation was concluded by agreeing upon considering an increment of USD 58.51 over the contractual unit rates of the ductile iron pipes only (pipes with diameter of 900 mm). The IsDB issued their approval for this change of increment, with a grand total amounting to USD 331,634.68, on 02 August 2018. Accordingly, the contract price was amended on 06 August 2018 to read USD 2,089,626.68.</p> <ul style="list-style-type: none">➤ The first shipment of pipes (1,824 m with a diameter of 900 mm) was successfully accessed to Gaza on 25 June 2018. The remaining pipes (3,876 m with a diameter of 900 mm) were manufactured and shipped in November 2018. These pipes are planned to be unloaded in Ashdod port at the end of December 2018 and the beginning of January 2019, and to be accessed to the site within the mid of January 2019.➤ Up to December 2018, 1,801 m of pipes have been installed and tested on site. <p>▪ CMWU Package:</p> <ul style="list-style-type: none">➤ In close cooperation between UNDP and CMWU, CMWU concluded the procurement process and 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, with the lowest priced bidder, Handala Company for Engineering Contracting & General Trade, at a total contract price of USD 3,821,020 on 08 February 2017. The contract price was increased to read USD 4,607,904.46 after adopting and approving by the IsDB the variation order no.1 concerning the price adjustment of the unit rates of the ductile iron pipes.➤ The kick-off meeting was conducted on 20 February 2017. The site was handed over to the contractor on 22 February 2017 and the work activities commenced on 23 February y 2017.➤ CMWU uploaded the initial list of materials on the GRAMMS system in January 2017. CMWU kept following up with the Israeli concerned authorities to get their approval to access the construction materials, especially the ductile iron pipes and fittings, to Gaza.➤ After finalizing the inspection for the ductile iron factories in China by UNDP's consultant on 17 June 2017, and due to the Israeli delay of issuing travel permits to local teams, the CMWU and PWA team finalized their visit to inspect the same ductile iron factories in China on 18 July 2017.➤ Through the follow up meeting conducted between UNDP and
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	<p>CLA on 12 July 2017, as described in previous reports, UNDP highlighted the importance of the prompt issuance of the Israeli approval to allow the start of manufacturing the ductile iron pipes for both the UNDP and CMWU packages.</p> <ul style="list-style-type: none">➤ On 18 October 2017, the Israeli authorities issued approval to access only 818 metres (out of 13,200 meters) of the ductile iron pipes to Gaza. UNDP and CMWU kept following up the issue with the Israeli concerned authorities to access all required materials.➤ The Israeli approval to access all pipes for CMWU package was obtained on 13 February 2018. As highlighted above, the contractor signed the contract with the manufacturer to buy all the pipes for UNDP and CMWU packages on 16 March 2018, and the first shipment is anticipated to reach Ashdod harbour at the end of September 2018.➤ After finalizing negotiation between UNDP and the contractor concerning the price adjustment for the ductile iron pipes for UNDP package and approving the increment by the IsDB in August 2018, UNDP requested the CMWU to finalize the negotiation with the contractor concerning the price adjustment for the ductile iron pipes for CMWU package, following the same approach used for UNDP package, for the IsDB's approval.➤ The negotiation between UNDP, CMWU and the contractor concerning the price adjustment of the unit rates of the ductile iron pipes (with diameters of 900 mm and 1,000 mm) was concluded on 18 September 2018 by ageing upon a grand total of increment amounting to USD 786,884.46. CMWU requested UNDP to get the IsDB no objection to adopt this change of increment on 22 November 2018. The IsDB issued their approval for this change of increment on 03 December 2018. Accordingly, the contract price was increased to read USD 4,607,904.46.➤ 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 (3,250 m with a diameter of 900 mm and 2,450 m with a diameter of 1,000 mm) was manufactured and shipped in December 2018. These pipes are planned to be unloaded in Ashdod port at the end of January 2019 and the beginning of February 2019 and accessed to Gaza in January and February 2019.➤ The remaining lot of pipes (3,250 m with a diameter of 900 mm and 2,450 m with a diameter of 1,000 mm) is planned to be manufactured in January 2019 and to be shipped and accessed to
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	<p>Gaza in February and March 2019.</p> <ul style="list-style-type: none"> ➤ Up to December 2018, 1,767 m of pipes (with a diameter of 900 mm) have been installed on site. ▪ Constructing the main electrical power supply line for the treatment plant <ul style="list-style-type: none"> ➤ The IsDB issued their approval to launch the Invitation to Bid (ITB-PAL-0000046488) Construction of Main Electrical Power Supply Line for KY WWTP on 06 June 2018. ➤ After further verification with the consultant and GEDCO concerning specifications, UNDP launched the Invitation to Bid to solicit offers form bidders on 25 June 2018. ➤ The pre-bid meeting and the site visit were conducted on 04 July 2018. ➤ The 10 submitted bids were opened on 22 July 2018. The technical and financial evaluation was completed on 15 August 2018. ➤ UNDP submitted the case to UNDP’s Regional Advisory Committee on Procurement (RACP) on 20 August 2018 for their review and approval to award the contract. The RACP issued their approval to award the contract on 02 September 2018. ➤ The IsDB issued their approval to award the contract on 25 September 2018. ➤ UNDP signed the contract (ITB-PAL-0000046488) Construction of Main Electrical Power Supply Line for KY WWTP with the lowest priced bidder, Saqqa and Khoudary Co. Ltd, at a total contract price of USD 841,250 on 02 October 2018. ➤ The site was handed over to the contractor on 04 October 2018 and the work activities commenced on 07 October 2018. ➤ The contractor started the mobilization activities including preparing the documents templates, time schedule, health, safety and environmental plan, list of materials, survey works, shop drawings, etc. ➤ The contractor is currently moving ahead with their technical submittals for materials and electrical equipment to be used for the Engineer’s approval.
<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 were kicked off in August 2015. Despite a highly complex operating environment, the overall project is currently moving according to the</p>

	<p>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 pressure line and infiltration basins were undertaken. 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 work activities of the treatment plant are currently moving ahead as planned with overall percentage of achievement of around 72%. 7. The work activities of the pressure line (UNDP package) are currently moving ahead with overall percentage of achievement of around 66%. 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 work activities of the infiltration basins are currently moving ahead as planned with overall percentage of achievement of around 90%. 10. The work activities of the pressure line (CMWU package) are currently moving ahead with overall percentage of achievement of around 32%. 11. The work activities of the main electrical power supply line are currently moving ahead with overall percentage of achievement of around 20%.
<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 the requests for changes to 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

	<p>months only, mobilizing in a transparent and competitive manner all partners to agree on changes without jeopardizing the original design.</p> <ol style="list-style-type: none">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; especially the ductile iron pipes and fittings for the pressure line.6. The last closure of Karm Abu Salem crossing on 9 July 2018 prevented accessing any kind of construction materials to Gaza.7. The Israeli aerial strike targeted and damaged the newly constructed internal road of the infiltration basins on 11 November 2018 delayed the completion and the handing over of the basins.
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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



General View for Accomplished Works of KY WWTP in December 2018



Finishing Works for the Lab in the Administrative Building in December 2018



Mechanical Installation for the Aeration Tank in December 2018



Installed High Density Polyethylene Pipes and Valves for Drying Beds up to December 2018





Mechanical Installations for the Clarifiers in December 2018





Mechanical Installations for the Pre-Treatment Building in December 2018





Mechanical Installations for the Sand Filter in December 2018



Installation of Air Blowers in the Air Blowers Room in December 2018



Installation of Fuel Tank for KY WWTP in December 2018



Accomplished Works of the Infiltration Basins up to November 2018



Accomplished Works of the Infiltration Basins up to November 2018



Damages Caused by the Israeli Aerial Strike on the Internal Road of the Infiltration Basins on 11 November 2018



**Ductile Iron Pipes Accessed to Gaza and Installed on Site for UNDP Package
in June and July 2018**



**Ductile Iron Pipes Accessed to Gaza and Installed on Site for CMWU package
in November and December 2018**



Financial Report

Construction of Khan Younis WWTP, Phase I

Kuwait Fund / IsDB Contribution

Financial Report

No.	Project Activities	Contract Amount USD	Reallocated Amount USD Reallocation No.1 - 29 Sept. 2015	Disbursed Amount USD	Comments
1	Constructing KYWWTP, Phase I, Part of the Effluent and Emergency Pressure pipeline with 5.6 kilometres Length and Electrical Power Supply Line with One Year Operation	19,900,000	19,213,158	7,603,377.37	The contract price of KY WWTP was increased to USD 21,700,133.66 distributed as USD 10,425,388.66 from Kuwait Fund and USD 11,274,745 from GoJ. UNDP issued 30% advance payment and 11 payments to the contractor. The contract price of the pressure pipeline (UNDP package) was amended to USD 2,089,626.68 from Kuwait Fund. UNDP issued 30% advance payment and 04 payments to the contractor. The contract price of the electrical line is USD 841,250. UNDP issued 20% advance payment to the contractor.
2	Constructing the Effluent and Emergency Pressure Pipeline with Total Length of 13 Kilometres (CMWU Implementation)	6,000,000	5,792,912	1,487,538.82	The Contract Price of pressure pipeline (CMWU package) was increased to USD 4,607,904.46 from Kuwait Fund. CMWU issued 20% advance payment and 04 payments to the contractor.
3	Constructing the Infiltration Basins (CMWU Implementation)	7,400,000	7,144,591	5,067,666.23	The contract price of the infiltration basins (CMWU package) is USD 5,636,000 from Kuwait Fund. CMWU issued 20% advance payment and 08 payments to the contractor.
4	Total Construction Cost	33,300,000	32,150,661	14,158,582.42	



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5	Consultancy services for the Construction Supervision, Design Review and Preparing Tender Documents of KY WWTP	1,000,000	2,149,339	1,461,550.52	The contract price for the consultancy services is USD 2,944,594 distributed as USD 2,149,339 from Kuwait Fund and USD 795,255 from GoJ. UNDP issued 20% advance payment and 06 payments to the consultant.
6	Technical Services for CMWU (Direct Implementation Cost) (4% from item 2+3)	536,000	517,500	286,271.27	USD 378,280.8 admin cost as per signed contracts. UNDP issued 1st advance payment amounting to USD 53,600 to CMWU in April 2014. UNDP issued 2nd advance payment amounting to USD 49,900 to CMWU in December 2015. UNDP issued USD 82,434.24 to CMWU in November 2016 in addition to USD 100,337.03 in April 2018.
7	UNDP Direct Implementation Cost	0	0	0.00	
8	GMS (7%)	2,438,520	2,437,225	1,113,448.29	
9	Total Administrative Cost	3,974,520	5,104,064	2,861,270.08	
10	Total Construction and Administrative Cost (Item 9+4)	37,274,520	37,254,725	17,019,852.50	
11	Contingency	4,725,480	4,745,275	0.00	
12	Grand Total	42,000,000	42,000,000	17,019,852.50	



Reported by: Ashraf Abu Shamala, Programme Manager (Gaza Office) 
Reviewed by: Iman Al Hussein, Programme Specialist, Infrastructure Unit (Gaza Office) 
Supervisor's name and signature: Basil Nasser, Head of UNDP Gaza Office 