



### Tracking Sheet

PROJECT ATLAS NAME: JERICHO AGRO-INDUSTRIAL WATER NETWORK PROJECT  
 PROPOSAL #:            AWARD #:            PROJECT #: 00078092    DONOR (NAME): JAPAN

AGREEMENTS     CONTRACTS     LETTERS/MEMO'S     AWP     PROJECT DOC. OTHERS:  
 Advance Payment

SUBJECT:

TITLE	NAME	DATE IN	ACTION	DATE OUT	SIGNATURE
PROJECT MANAGER					
PROGRAMME ANALYST	NADER ATTA	29/4/2011	REVIEWED	29/4/2011	<i>[Signature]</i>
TEAM LEADER	GEOFF PREWITT <i>for</i>		CLEARED	29/4/2011	<i>[Signature]</i>
PROGRAMME SUPPORT (INCLUDING PA/TRAVEL/ PROCUREMENT / HR/ FINANCE)					
COMMUNICATIONS					
SECURITY					
EXECUTIVE OFFICE	AHMAD AL HAMMAL	29/4/11	CLEARED	29/4/11	<i>[Signature]</i>
DSR (O)					
DSR	YASMINE SHERIF	29/4/2011	CLEARED	29/4/11	<i>[Signature]</i>
SR	FRODE MAURING	2/5/11	APPROVED	2/5/11	<i>[Signature]</i>

Comments:

Project Document for the Jericho Agro-Industrial Park Project – Water Component. Project Document and Scope of Works agreed to by the Palestinian Industrial Estate Free Zone Authority, Jericho Municipality, Palestinian Water Authority, JICA, UNDP, and Representative office of Japan.

## Programme Document

### United Nations Development Programme Country: Occupied Palestinian Territory

Project Title	Extension of a Water Network to Service Jericho Southern Area Mainly the Future Jericho Agro-Industrial Park (JAIP)
UNDAF Outcome(s):	Improving Essential Infrastructure for Economic & Social Development.
Expected CP Outcome(s): <i>(Those linked to the project and extracted from the CP)</i>	<ol style="list-style-type: none"> <li>1. Promoting Sustainable Livelihoods, Economic Recovery, &amp; Self Reliance.</li> <li>1. Advancing Peace through Regional Cooperation.</li> <li>2. Enhancing Palestinian Economic Development opportunities.</li> <li>3. Improving access and service delivery.</li> </ol>
Expected Output(s): <i>(Those that will result from the project)</i>	
Executing Entity:	United Nations Development Programme/Programme of Assistance to the Palestinian People. (UNDP/PAPP)
Implementing Agencies:	United Nations Development Programme/Programme of Assistance to the Palestinian People. (UNDP/PAPP), Jericho Municipality, and Palestinian Industrial Estates & Free Zone Authority (PIEFZA)

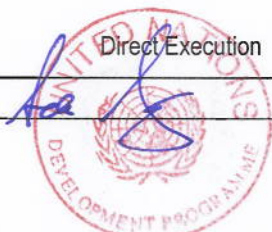
#### Brief Description

As part of the Government of Japan's assistance to the Palestinian People, and in particular through its "Corridor for Peace and Prosperity" initiative, two projects have been funded to support the construction of the future Jericho Agro-Industrial Park (JAIP). The first project which has been completed was the rehabilitation of a 1.8 kilometer road and the second currently under implementation is the excavation and leveling of 115 dunums. This third project will encompass the construction of a 2.15 kilometer transport line and 1.5 kilometer 3 inch line, and the construction of a 500 cubic meter water tank in order to bring sufficient quality water resources to the stage one JAIP site. Beneficiaries of the project include residents of the Jericho Southern area as a whole.

Programme Period:	2011
Key Result Area (Strategic Plan)	Water Infrastructure
Atlas Award ID:	00058277
Start date:	April 2011
End Date	January 2012
Project ID:	00078092
Management Arrangements	Direct Execution

Total resources required	\$859,531
Total allocated resources:	\$
• Regular	_____
• Other:	_____
○ Japan	\$859,531
○ Donor	_____
○ Donor	_____
○ Government	_____
Unfunded budget:	\$
In-kind Contributions	_____

Agreed by (UNDP):



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## I. SITUATION ANALYSIS

While peace talks between the Palestinians and Israelis continue to remain at an impasse, the Government of Japan has initiated an initiative that would create a *“corridor for peace and prosperity”*. This initiative including confidence building measure would support projects that promote regional cooperation between the Israelis, Palestinians, and Jordanians and increase sustainable economic development opportunities mainly in the Jordan Valley region.

The Jordan Valley region, in particular the ancient Palestinian city of Jericho has been selected as the target region for the implementation of the initiative. The selection of the region is based upon its economic and tourism potential as well as border and transport proximity to the other regional partners. The core project under the Japanese initiative is the establishment of the Jericho Agro-Industrial Park (JAIP). A feasibility study was commissioned and a report issued by JICA (Japan International Cooperation Agency). Since the report was issued, the Government of Japan and Palestinian Industrial Estates & Free Zones Authority (PIEFZA) who are the beneficiary Palestinian agency mandated by the Palestinian government to oversee the construction of Industrial Parks in the Palestinian localities, have initially identified in coordination with Municipality of Jericho two projects.

The two projects funded by the Government of Japan through UNDP (United Nations Development Programme), include the construction of a 1.8 kilometer road and the excavation and levelling of 115 dunums of the stage I site which is the future location of the JAIP. The road project which was the first step was to improve access to the site for heavy trucks to move goods to and from the site, while the excavation and levelling project is to prepare the land for the future site developer, as well as for the Government of Japan funded solar panel energy efficiency project. PIEFZA has already tendered the request for proposals for the potential developer, and a number of local and regional developers have submitted proposals. It is expected that the developer will be selected sometime in the spring of 2011.

The city of Jericho, including the two refugee camps of Ain Al Sultan and Aqbet Jabr, have an approximate population of 30,794 (PCBS – 2010). Jericho, know as the oldest continuously inhabited city in the world, and the surrounding region have an abundance of quality water resources unlike many other areas of the West Bank. The region has three main sources of water, the lower Eastern Aquifer which covers approximately 3,080 square kilometers and includes the Eastern part of the mountain belt and Jordan rift valley, the upper aquifer which is about 500 meters below the surface. Both these are freshwater aquifers. The third resource is the shallow aquifer which is about 150 meters below the surface. This water is more brackish and needs to be mixed with freshwater in order to be acceptable for domestic and agricultural use.

As a result, the Jericho region has a number of deep and shallow wells, which are either publically or privately owned from which to pump water. These wells require permits to be drilled. For wells reaching the 500 meter aquifer, Israeli permits are required and are very difficult to be approved. The spring of Ain Al Sultan is the major freshwater sustainable water resource provider to the region. From this resource on a daily basis the Municipality of Jericho, who is responsible for operating and maintaining its water network, pumps on average between 325 and 350 cubic meters of water per hour for domestic usage. In addition, the agricultural sector receives a comparable amount of water from the Municipality.

Currently, the southern district (Kitaf al Wad) of the city of Jericho, where the JAIP is to be located, receives 35 cubic meters of water per hour for the approximate 5000 persons residing in the area. The amount of water they receive is not sufficient to meet the 50 cubic meters of water per hour that is required to meet current demand. As such, current supplies of water resources to the southern area will need to be improved in order to fulfil the demands of the public and the JAIP. This project is aimed at improving the capacity of water supplies to the JAIP and the surrounding Kitaf Al Wad area. In the future the Jericho Well No. 1 is expected to be rehabilitated and made operational to meet more demand of JAIP and beyond.

As such, the goal of the project is to ensure continuous quality water supply mainly to support the establishment of the Jericho Agro-Industrial Park (JAIP). The objectives of the project are:

1. To ensure at least 30 cubic meters of acceptable water per hour for 18 to 24 hours a day is supplied to the JAIP project site.
2. To facilitate the development of the Jericho Agro-Industrial Park.

During this coming intervention of the Japanese Government to support the JAIP project, the following activities are to be implemented:

- Construction of a 10 to 12 inch transport (Supply) line measuring 2.15 kilometers.
- Construction of a three inch water line extension of approximately 1.5 kilometers, and
- Construction of a 500 cubic meter elevated water tank and support lines at the JAIP stage I project site.
- A fourth activity is planned, the drilling and testing of a new shallow well near Hisham's Palace, only if savings from the project budget are available.

As a result of the implementation of this project, it is the plan of PIEFZA and the Government of Japan to create an environment that would attract local, regional, and international investors to the JAIP. Moreover, thousands of workdays for unemployed residents who reside in the Jordan valley and Jericho town in particular would benefit from the establishment of JAIP. In addition, to being part of PIEFZA master plan for Industrial Zones, the project is part of the Jericho Municipalities master plan to encourage growth to outlying communities and stimulate economic growth. This project will be a stepping stone in the Government of Japan's goal of peace and prosperity in the oPt in particular, and region in general.

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## **II. STRATEGY**

The United Nations Development Programme/Programme of Assistance to the Palestinian People (UNDP/PAPP) will act as implementing agency for this project. It will engage various local experts and professionals to ensure quality, timely & effective planning, design, implementation of the project works. It will work in cooperation with its Palestinian partners, in particular the Municipality of Jericho and the Palestinian Industrial Estates & Free Zones Authority (PIEFZA) on all aspects of the project. Finally, UNDP/PAPP Infrastructure and Environment Units will be in a position to provide any capacity building measures to its counterparts, including providing guidelines on the operation and maintenance of the water infrastructure constructed.

The project will be implemented advancing the following objectives based upon the Corridor for Peace and Prosperity:

- To establish a viable state for Palestinians accompanied with sustainable economic development through the strengthening of their partnership with neighbouring countries.
- The role of the private sector, coupled with the development of the public private partnership (PPP) is crucial in achieving sustainable economic development. In the West Bank, agriculture and agro-industry could be a driving force for sustainable economic development.

Thus, the outlined project is in line with the Palestinian Government Programme 2011 – 2013 which calls for the construction of Industrial Zones in such places as Jenin, Bethlehem, and Jericho and also is in line with the Jericho Regional Development Study.

### **The Project Scope:**

The scope of the project is to construct a portion of a new water transport (supply) line, extend a water pipeline to the JAIP site, and construct an elevated water tank at the stage I site. In addition, and only if funds remain available, a new shallow well near Hisham's Palace will be drilled and tested. Due to the nature of the construction works, the majority of the project activities will require heavy machinery. When possible, UNDP will employ labor intensive means in implementing certain activities.

Design including survey works as well as preparations of the Bill of Quantities and Tender documents for the project will be implemented for the elevated water tank and three inch line, and transport line to the extent of confirmed necessity. Both the Municipality of Jericho and Palestinian Water Authority, PWA will assist in providing the specifications required for the project. In addition to the design works, during this phase of the project, the following activities are to be implemented:

- Construction of a 10 to 12 inch transport (Supply) line measuring 2.15 kilometers.
  - The starting point for the transport line will be from the Ain Al Sultan tank to Kitaf Al Wad (Valleys Shoulder). The total length of the transport line will be approximately 3.5 kilometers.
  - This project will fund 2.15 kilometers of the line from the Ain Al Sultan water tank to the Copti church in Sabiha neighborhood.
  - The JAIP line will function as a direct supply line in order to increase the quantity of water that will be available to the Kitaf Al Wad area and respectively the JAIP. No connections to homes or businesses will be made. In effect, this line will be an express line.
  - The Municipality of Paris (the French) will fund the remaining distance of approximately 1.4 kilometers from the Copti Church to the Southern Water Tank. The works will encompass upgrading the current line.
  - With the joint construction and upgrade of the transport line, water resources will be sustainable to meet future demand projections for at least 30 years.
  - The line to be funded by the Municipality of Paris will be connected to the UNDP implemented line and will run down to the Southern water tank. During the summer months this tank is utilized as a balancing and storage tank.
  - Even if the French line is not constructed, water will be secured to the JAIP location. The line the French will implement is to upgrade an existing direct line to the southern tank.

- The current distribution line in place provides at maximum 35 cubic meters of water per hour to the area. Demand is currently 50 cubic meters per hour.
- With the construction of the new transport line, 100 cubic meters of water per hour will be pumped of which 30 cubic meters per hour of water is committed for the JAIP project site.
- Once the hydraulic design is completed by the Municipalities of Paris and Jericho, The exact size (10 or 12 inches) of the transport line will be able to be determined.

Strong coordination between the UNDP and the Municipality of Paris will be required on technical issues pertaining to the interventions and the time schedule. Sharing of information in a timely manner is critical. The Municipality of Paris is planning to finalize all their works by January 2012.

- Construction of a three inch water line extension of approximately 1.5 kilometers to the JAIP project site.
  - Water currently reaches a site through a 3 inch pipeline near the block factory which is approximately 1.5 kilometers west of the Jericho Agro Industrial Park.
  - This line will be extended to the JAIP. The three inch line is the required technical size as per the Municipality of Jericho to provide the requested amount of water.
- Construction of a 500 cubic meter elevated water tank and support lines at the JAIP stage I project site.
  - This new tank will perform two functions, one as a storage tank and the other as a balancing tank.
  - If required, water tankers will bring water to the elevated water tank. It should be noted, that water supplied through the Jericho network will cost approximately 2.5 NIS per individual cubic meter, while tankers charge 5 NIS per individual cubic meter. Negotiations pertaining to the price to be charged for the water resources will be further discussed between the Municipality of Jericho and PIEFZA.
- The drilling and testing of a new shallow well near Hisham's Palace.
  - The depth of the new well to be drilled is on average 150 meters. **(This is a provisional item.)**
  - Drilling such a well will assist the Municipality meet its obligations of 30 cubic meters per hour for the JAIP site at least and supply more to the JAIP (another 30 cubic meter per hour is expected) without degrading its current supply to Jericho city.

Based upon a number of discussions between the Municipality of Jericho, PIEFZA, the PWA, UNDP, Representative Office of Japan and JICA representatives, this proposed scope of works which is agreed to by all, is the most efficient option to ensure continuous water supply as per the requirement of the PIEFZA. In addition, due to the natural gravity, the water will flow downstream toward the JAIP project site initially and then return up the network to distribute to local households. The new line will be able to provide the necessary quality and quantity of water per day, which is well within the acceptable 30 cubic meters of water requirement of the JAIP Stage I. The Municipality of Jericho has provided a signed commitment letter to this regard, which is attached in the annex.

### III. RESULTS AND RESOURCES FRAMEWORK

Intended Outcome as stated in the Country Programme Results and Resource Framework: <i>Assign a number to each outcome in the country programme (1, 2,...).</i>			
Outcome indicators as stated in the Country Programme Results and Resources Framework, including baseline and targets:			
Applicable Key Result Area (from 2011-13 Government Programme): Economic & Private Sector Development			
Partnership Strategy: Palestinian Industrial Estate & Free Zone Authority (PIEFZA) & Jericho Municipality			
Project title and ID (00078092) (ATLAS Award ID - 00058277): Extension of a Water Network to Service the Future Jericho Agro-Industrial Park (JAIP).			
INTENDED OUTPUTS	OUTPUT TARGETS FOR (YEARS)	INDICATIVE ACTIVITIES	RESPONSIBLE PARTIES
INPUTS			
<p><b>Output 1: Service to future Agro-Industrial Park Improved.</b></p> <p><b>Baseline:</b> Zero Cubic Meters per hour reach the JAIP project site.</p> <p><b>Indicators:</b> Quantity and Quality of Water improved.</p> <p><b>Target:</b> At least 30 cubic meters per hour of water reaches the JAIP project site upon project completion.</p> <p><b>Baseline:</b> 35 cubic meters per hour of water reach inhabitants in KETAF AI WAD.</p> <p><b>Indicators:</b> Quantity and Quality of Water improved</p> <p><b>Target</b> Demand of 50 cubic meters of water per hour reached.</p>	<p>Targets (less than year 1)</p> <ul style="list-style-type: none"> <li>- Construction of the 2.15 water transport line.</li> <li>- Construction of the 1.5 three inch line</li> <li>- Construction of a 500 cubic meter elevated water tank.</li> </ul>	<ul style="list-style-type: none"> <li>1 Hiring of Project personnel               <ul style="list-style-type: none"> <li>▪ Recruitment</li> </ul> </li> <li>2 Design and Construction Works               <ul style="list-style-type: none"> <li>▪ Design &amp; Survey Works</li> <li>▪ Tendering</li> <li>▪ Evaluation</li> <li>▪ CAP</li> <li>▪ Awarding</li> </ul> </li> <li>3 Miscellaneous               <ul style="list-style-type: none"> <li>• Security costs, transportation, etc.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>1. UNDP/PAPP</li> <li>2. UNDP/PAPP, PIEFZA, and MUNICIPALITY OF JERICHO.</li> <li>3. UNDP/PAPP</li> </ul> <p>\$803,300</p>

#### IV. ANNUAL WORK PLAN

Year: 2011

EXPECTED OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activity results and associated actions</i>	TIMEFRAME				RESPONSIBLE PARTY	PLANNED BUDGET		
		Q1	Q2	Q3	Q4		Funding Source	Budget Description	Amount
<b>Output 1: Service to future Agro-Industrial Park Improved.</b> <i>Baseline:</i> Zero Cubic Meters per hour reach the JAIP project site. <i>Indicators:</i> Quantity and Quality of Water improved. <i>Target:</i> At least 30 cubic meters per hour of water reaches the JAIP project site upon project completion. <i>Baseline:</i> 35 cubic meters per hour of water reach inhabitants in KETAF Al WAD. <i>Indicators:</i> Quantity and Quality of Water improved <i>Target</i> Demand of 50 cubic meters of water per hour reached.	1. Hiring of Project Personnel -Recruitment  2. Construction Works - Design & Survey Works - Tendering - CAP and ACP (if necessary) -Awarding of Contract		X			UNDP/PAPP	Government of Japan	Project Coordinator & Site Engineer  \$48,000	
			X	X	X	UNDP/PAPP, MUNICIPALITY OF JERICHO, & PIEFZA	Government of Japan	Design & Construction Works  \$717,048	
	3. Miscellaneous -Security, transportation, site plan. 4. GMS -General Management Service Fees.		X	X	X	UNDP/PAPP	Government of Japan	Miscellaneous  \$38,252	
		X				UNDP/PAPP	Government of Japan	GMS 7%  \$56,231	
<b>TOTAL</b>									\$859,531

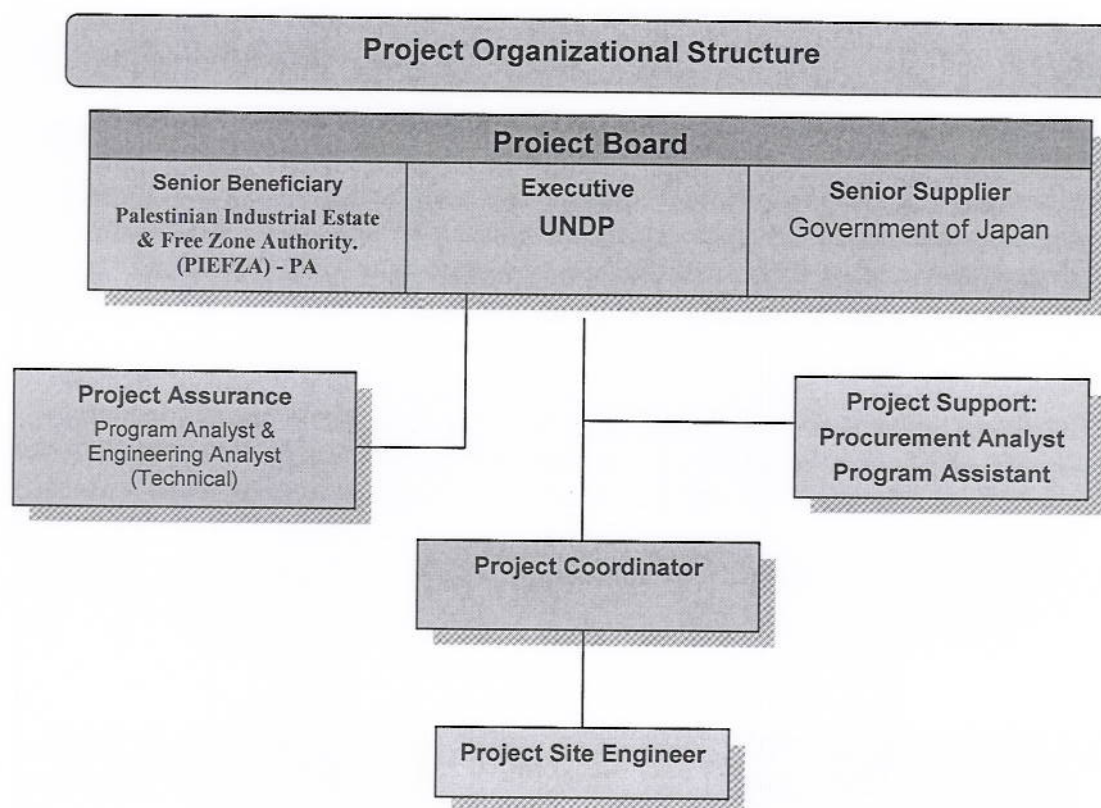
• Provisional item including 7% GMS for digging & testing of a shallow well with an approximate budget of US\$107,000 will be implemented if savings.



## V. MANAGEMENT ARRANGEMENTS

UNDP will assign a Program Analyst from its staff to follow up on all managerial issues related to the project. In addition, UNDP will assign an Engineering Analyst, who will take on the role of Technical Quality Assurance, to manage and assess the daily technical monitoring of the project. A seasoned Project Coordinator (UNV), will be hired to handle the daily administrative, financial and reporting requirements of the project. Finally, a qualified and experienced site engineer will be hired for the duration of the project to manage the on site works as per the awarded BOQ on a daily basis. The UNDP Program Analyst will be responsible for overall project assurance.

A project board will be established to follow up the works implemented by UNDP. The members of the board will include the Government of Japan as the donor, a representative of the PIEFZA who will coordinate the project with the Municipality of Jericho and the PWA, and UNDP/PAPP as the implementing partner. If required, this board will meet every 2 months or exceptionally upon request by Board members, to review priorities and progress towards expected results.



The UNDP will utilize its standard Management, Procurement, Contracting, and Financial procedures in the implementation of the project. The project will be tendered locally and through the UNDP procurement web site portal. A public tender opening will occur in which all relevant parties may be present. UNDP's procurement unit will evaluate the tender and only upon approval from UNDP Contracts, Assets, and Procurement (CAP) Committee will a contract be awarded to the winning contractor. If the contract value is over US\$1 million, which is not the case for this project, the evaluated tender will be forwarded to our Headquarters Assets, Contracts, & Procurement (ACP) committee for further review and final approval.

UNDP, the Municipality of Jericho, the PWA, and PIEFZA will coordinate the technical specifications and works to ensure that the results are in line with the PA Master Plan for industrial zones.

The UNDP will monitor and supervise all construction works on a daily basis and will be responsible for verifying all works and the issuance of payments to contractors based upon actual works performed. PIEFZA, PWA & the Municipality of Jericho in partnership with UNDP will coordinate and review all plans and works pertaining to the project. However, the UNDP will maintain upper supervision on all works implemented.

Through this mechanism UNDP will directly execute all project activities. The project budget would cover the costs of the Site Engineer and UNDP's General Management Services fees shall be a fixed 7%.

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## VI. MONITORING FRAMEWORK AND EVALUATION

In accordance with the programming policies and procedures outlined in the UNDP User Guide, the project will be monitored through the following:

### Within the annual cycle

- An Issue Log shall be activated in Atlas and updated by the Project Coordinator to facilitate tracking and resolution of potential problems or requests for change.
- Based on the initial risk analysis submitted (see annex 1), a risk log shall be activated in Atlas and regularly updated by reviewing the external environment that may affect the project implementation.
- Based on the above information recorded in Atlas, a Project Progress Reports (PPR) shall be submitted by the Project Coordinator to the Project Board through Project Assurance, using the standard report format available.
- A project Lesson-learned log shall be activated and regularly updated to ensure on-going learning and adaptation within the organization, and to facilitate the preparation of the Lessons-learned Report at the end of the project.
- A Monitoring Schedule Plan shall be activated in Atlas and updated to track key indicators including:
  - Target 30 cubic meters of water per hour to the JAIP.
  - Target increase quantity of water to Southern Area (Kitf Al Wad) to meet demand of 50 cubic meters of water per hour.

### Quarterly:

- **Progress Report.** A Quarterly Progress Report shall be prepared by the Project Coordinator and shared with the Project Board and the Outcome Board.
- **Monthly Summary Report.** A monthly technical summary report, including pictures, will be provided to the donor with a status update.

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## VII. LEGAL CONTEXT

The administration of this project shall be governed by UNDP rules and regulations.

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## VIII. ANNEXES

**Project Proposal:** Includes project goals, objectives, scope of works, draft implementation work plan, potential project risks, and Budget.

**Letters:**

- Municipality of Jericho commitment letter to PIEFZA ensuring 30 cubic meters of water to be supplied to JAIP starting January 2012.
- Email from Municipality of Paris informing UNDP that they are targeting to finalize works their transport piping works by January 2012.

**Meeting Minutes:**

- Meeting Minutes of all stakeholders held on 21<sup>st</sup> of February 2011 at the Jericho Municipality agreeing to project scope of works.

**Map:** Map of Jericho Town illustrating project interventions.

**Time Schedule:** Preliminary time schedule of works to be implemented.

## **Project Concept Brief:**

**Project Name:** Extension of a Water Network to Service the Future Jericho Agro-Industrial Park (JAIP)

**Location:** Jericho City

**Project Duration:** 10 to 12 Months Maximum

**Budget:** \$859,531.76

### **Background:**

As part of the Government of Japan's assistance to the Palestinian People, and in particular through its "Corridor for Peace and Prosperity" initiative, two projects have been funded to support the construction of the future Jericho Agro-Industrial Park (JAIP). The first project which has been completed was the rehabilitation of a 1.8 kilometer Road leading to the future project site. The second project currently under implementation is the excavation and leveling of 115 dunums of the stage one site of the JAIP. This third proposed project is to bring sufficient quality water resources to the project site in order to support the future development of the JAIP by the Palestinian Industrial Estate Free Zone Authority (PIEFZA).

### **Goal:**

To ensure continuous quality water supply to support the establishment of the Jericho Agro-Industrial Park (JAIP).

### **Objectives:**

1. To ensure at least 30 cubic meters an hour of water is supplied to the project site.
2. To facilitate the development of the Jericho Agro-Industrial Park.

### **The Project Scope:**

The scope of the project is to construct a portion of a new water transport (supply) line, extend a water pipeline to the JAIP site, and construct an elevated water tank at the stage I site. In addition, and only if funds remain available, a new shallow well near Hisham's Palace will be drilled and tested. Due to the nature of the construction works, the majority of the project activities due will require heavy machinery. When possible, UNDP will employ labor intensive means in implementing certain activities. During this phase of the project, the following activities are to be implemented:

- Construction of a 10 to 12 inch transport (Supply) line measuring 2.15 kilometers.
  - The starting point for the transport line will be from the Ein Al Sultan tank to Kitaf Al Wad (Valleys Shoulder). The total length of the transport line will be approximately 3.5 kilometers.
  - The project will fund 2.15 kilometers of this line and the Municipality of Paris (the French) will fund the remaining distance of approximately 1.4 kilometers.
  - The line will function as a direct supply line in order to increase the quantity of water that will be available to the Kitaf Al Wad area and respectively the JAIP. No connections to homes or businesses will be made. In effect, this line will be an express line.
  - The current distribution line in place provides at maximum 50 cubic meters of water per hour to the area.
  - With the construction of the new transport line, 100 cubic meters of water per hour will be pumped of which 30 cubic meters per hour of water is committed for the JAIP project site.

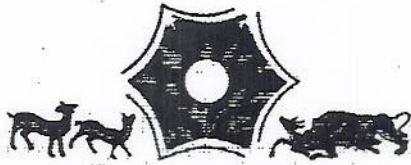
- Once the hydraulic design is completed we will be able to determine the exact size (10 or 12 inches) of the transport line.
- Construction of a three inch water line extension of approximately 1.5 kilometers to the JAIP project site.
  - Water currently reaches a site through a 3 inch pipeline near the block factory which is approximately 1.5 kilometers west of the Jericho Agro Industrial Park.
  - This line will be extended to the JAIP. The three inch line is the required size as per the Municipality of Jericho to provide the requested amount of water.
- Construction of a 500 cubic meter elevated water tank and support lines at the JAIP stage I project site.
  - This new tank will perform two functions, one as a storage tank and the other as a balancing tank.
- The drilling and testing of a new shallow well near Hisham's Palace.
  - The depth of the new well to be drilled is approximately 120 meters. **(This is a provisional item.)**

Based upon a number of discussions between the Municipality of Jericho, PIEFZA, the PWA, UNDP, and JICA representatives, this proposed scope of works which is agreed to by all, is the most efficient option to ensure continuous water supply as per the requirement of the PIEFZA. The new line will be able to provide the necessary quality and quantity of water per day, which is well within the acceptable 30 cubic meters of water requirement of PIEFZA.

**Budget & Time Schedule:**

The expected total budget for the project is US\$859,531.76. It is planned that all works will be implemented between 10 & 12 months from date of project document signature. This includes recruitment of staff, tendering of design and construction works, and actual project implementation.

<b>Description:</b>	<b>Estimated Amount:</b>	<b>Expected Duration including Tendering:</b>
Project Personnel: (Coordinator (UNV) + Site Engineer)	\$ 48,000	Entire Duration of Project.
Design Works:	\$ 15,000	1.5 Months
Construction of Water Transport Line:	\$ 420,000	8 Months Concurrently
Construction of a Water Line Extension:	\$ 60,000	
Construction of a 500 cubic meter elevated water tank:	\$ 222,048	
Miscellaneous:	\$ 38,252	Entire Duration of Project.
Programmable Amount:	\$ 803,300	
GMS 7%:	\$ 56,231	
Total Amount:	\$ 859,531	
Provisional Item Including 7% GMS: Digging & Testing of Shallow Well.	\$ 107,000	4 Months. In parallel with the above works.



التاريخ: 2011-2-28

الرقم: 15-11-2011

Dear Ms. Najjar:

After extensive discussions between the Municipality of Jericho, the Palestinian Industrial Estate Free Zone Authority (PIEFZA), the Palestinian Water Authority (PWA); UNDP, JICA, and the Government of Japan Deputy Representative, and in light of the meeting held on the 21<sup>st</sup> of February 2011, kindly be advised that once the agreed to scope of works are completed, in particular the 2.15 kilometer transport line between the Ein Al Sultan Water Tank and the Coptic Church in Sabiha Neighborhood, the Municipality of Jericho is committed to provide the Jericho Agro Industrial Park (JAIP)-Project 30 cubic meters per hour of acceptable water starting January 2012 at the rate of 2.5 NIS/ single cubic meter which will be subject to revise in accordance with the general Municipal Water Tariff Structure and through prior consultations with PIEFZA .

The JAIP project is an important and strategic project that will enhance the economic conditions of the Jericho district and Jordan Valley region. It is in our interest that such projects that will possibly create thousands of new job opportunities for our community becomes a reality in the near future. Our role as a Municipality is to provide the JAIP the essential municipal services that are available and will allow it to be functional and sustainable. We see ourselves and the community as partners with PIEFZA in this is important endeavor.

Best Regards.

Mayor of Jericho

Mr. Hassan Saleh



Copy to:

- Head of PWA (Dr. Shdad Atili)
- Representative of Japan to the PNA
- Special Representative of the UNDP



## Nader Atta

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**From:** Cuenca, Elodie [Elodie.Cuenca@paris.fr]  
**Sent:** Thursday, February 24, 2011 11:20 AM  
**To:** Nader Atta  
**Subject:** RE : Jericho Municipality Project

Dear Nader,

Further to our phone call, kindly note that in terms of timeframe, we are targeting to finalize the works by January 2012.

As we discussed, I will appreciate that you share with us the technical details of your intervention once ready. To be operationally sustainable, it's highly relevant that we coordinate, especially for the connexion between our two pipes.

Looking forward to meeting you during our next mission

Best Regards

Elodie

**Elodie CUENCA**

Chargée de Coopération décentralisée / Project manager City to city cooperation

Ville de Paris - Délégation générale aux relations internationales  
9, place de l'Hôtel de Ville - 75196 PARIS RP  
Tél : +33 1 42 76 69 32 Fax : +33 1 42 76 77 35



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-----Message d'origine-----

**De :** Nader Atta [mailto:nader.atta@undp.org]  
**Envoyé :** mardi 22 février 2011 21:18  
**À :** Cuenca, Elodie  
**Cc :** GOUTNER Simon  
**Objet :** RE: Jericho Municipality Project

Dear Elodie,


Thank you very very much for your immediate feedback. It is greatly appreciated.

If you don't mind, I would like to give you a call sometime tomorrow at a time convenient for you . Is 3 PM Jerusalem time convenient for you?

Have a wonderful evening.

Best Regards....

Nader Atta

	<b>Nader Atta</b> Program Analyst - Infrastructure, Youth, & Culture Economic Development, Poverty Reduction & Governance Unit United Nations Development Programme Programme of Assistance to the Palestinian People Tel: +972 2 626 8266 Mobile: +972 (0) 54 817 3956 E-mail: <a href="mailto:nader.atta@undp.org">nader.atta@undp.org</a> Website: <a href="http://www.undp.ps">http://www.undp.ps</a> Address: 4A Ya'qubi Street, P.O. Box 51359, Jerusalem
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**From:** Cuenca, Elodie [mailto:Elodie.Cuenca@paris.fr]  
**Sent:** Tuesday, February 22, 2011 9:10 PM  
**To:** Nader Atta  
**Cc:** GOUTNER Simon  
**Subject:** RE : Jericho Municipality Project

Dear Nader,

I am pleased to hear from you. To summarize, we have just finalized a Water Master Plan in Jericho through AFD financing (the final workshop was held on February 7<sup>th</sup>) and we are now contemplating the funding of a new investment project based on the outputs of this study. We are at an early stage of the identification, the formal commitment will come later on, once the technical design and operational implementation will be finalized. At the time being, we just have a pre-approval for a global budget of around 200 000 € (please do not disclose this amount).

Indeed, one of the main options we are studying is to fund a 12 inch steel transport pipe to service the Keft El Wad area. What we discussed two weeks ago with the Municipality was to replace the existing 8 and 6 inch pipes by a 12 one that will be connected to the existing 10 inch pipe from Al Qassam street til the southern tank. So, the total length we plan to fund is about 1.5km. We are currently working with the Municipality (Eng Jalal Bsharrat) on the hydraulic feasibility of this option.

We plan to conduct an appraisal mission before the summer, I will keep you posted on the dates. Then, if we agree technically and financially, we need at least two months to formalize our commitment. So, if everything is going smoothly ( especially the call for tenders), the works could start before the end of this year.

As I understood so far, the JAIP supply will be done trough the domestic network only during the first phase of the project (2012-2014) ? I will be pleased to have further details on your third intervention, to see how we could find a way to coordinate our activities.

I remain at your disposal for any further information

I will be in Jordan starting next Monday and will be back to the office on March 7<sup>th</sup>. Do not hesitate to call me.

Best regards

**Elodie CUENCA**

Chargée de Coopération décentralisée / Project manager City to city cooperation

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-----Message d'origine-----

**De :** Nader Atta [mailto:nader.atta@undp.org]

**Envoyé :** mardi 22 février 2011 18:34

Q



**À :** Cuenca, Elodie  
**Cc :** GOUTNER Simon  
**Objet :** Jericho Municipality Project

Dear Elodie:

Hello, my name is Nader Atta from UNDP Jerusalem. Our friend in AfD Jerusalem whom I a copying provided me with your contact information.

I hope you can help me. The Government of Japan has funded through UNDP a number of works related to the construction of the future Jericho Agro Industrial Park (JAIP). Under phase I, we constructed a 1.8 kilometer road leading to the JAIP project site and for the second phase which is currently ongoing, we are excavating and leveling approximatley 115 dunums of land which will encompass the first stage of the three stage JAIP.

Currently, we are finalizing a proposal for third intervention to bring water resources to the stage one JAIP site. During our discussions with the Municipality of Jericho, they requested that we fund the remaining length (about 2.15 kilometers) of a 10 to 12 inch transport line which would also service the JAIP location. We were informed that your Municipality will be funding the remaining portion of the approximate 3.5 kilometer line.

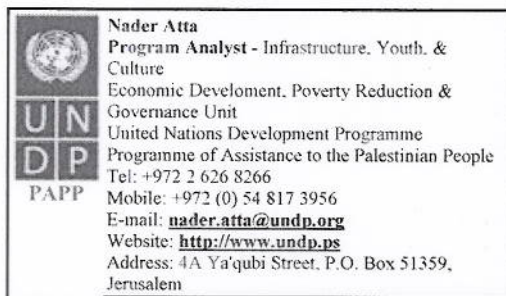
Can you kindly advise me if the Municipality of Paris has committed formally to this intervention with the Municipality of Jerich, and if so, when you expect to start works? Also, have you thought about how you will implement the works?

If you could share your phone number, I would be happy to call you and discuss in greater detail. I am really under a tight schedule and any feedback is greatly appreciated.

Look forward to your earliest response.

Thanks and best regards.

Nader



## MoM- JAIP Water Issue

Hall: Jericho Municipality Meeting Hall- Jericho Municipality

Date: 21<sup>st</sup>, Feb, 2011.

Time: 11:00 am

Subject: JAIP Water Supply- Final Proposal

Attendance:

<Japanese Representatives>

Mr.Hideaki Yamamoto	Deputy Representative of Japan to the Palestinian Authority
Mr. Eiji Kubo	JICA - Representative
Dr. Abdel Naser Makki	JICA-Jericho Representative

< PIEFZA >

Mrs. Reem Najjar	Acting Director General -PIEFZA
Eng. Alaa Melhim	JAIP Project Manger- PIEFZA
Eng. Ramziyeh Jaayssa	JAIP Offsite Infrastructure- PIEFZA
Eng.Hafez Ashhab	JAIP Onsite Infrastructure - PIEFZA

Mr. Takeo Matsuzawa	Chief Advisor- JICA
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<Jericho Municipality>

Mr. Hasan Saleh	Mayor- Jericho Municipality
Eng. Basel Hijjazi	Engineering Manger- Jericho Municipality
Eng. Ghazi Al-Naje	Utilities Manager- Jericho Municipality
Eng. Jalal Bsharrat	Head of Waster Networks Section - Jericho Municipality

<PWA>

Eng. Deeb Saleh	Resources Development Manger- PWA
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<UNDP>

Mr. Nader Atta	Program Analyst -UNDP
Mr. Musa Al-Khatib	Engineering Analyst -UNDP

Absence: No one was absent

Below are the main points raised in today's meeting (21<sup>st</sup>, Feb, 2011) held at Jericho municipality meeting hall to finalize JAIP stage 1- water supply scenario.

- Firstly Mr. Hasan Saleh, the Mayor of Jericho Municipality welcomed the attendants and emphasized the role that municipalities play in development projects, however; water is not free and all consumers must pay according to their consumption. The mayor then expressed his happiness that Al-Awqaf has approved to lease land for the WWTP.
- Mr. Yamamoto expressed his thanks to the mayor and the audience; then he explained:
  - ✦ Today's agenda is Japanese funded projects of water supply to JAIP, Aqbat Jabal Camp and Jericho City. The Government of Japan has different pockets of budget for the implementation of the projects.
  - ✦ To utilize the remaining budget of this fiscal year's grant to UNDP which is (\$ 859,000±) a final proposal is needed to be submitted in a perfect manner before the end of this month and due to this time constrain we should not stick to project if its formulation is not finalized within this time frame.
  - ✦ PWA had asked the Japanese government to grant assistance in order to provide water for Aqbat Jaber Camp and Jericho Municipality in addition to Jericho Agro-Industrial Park, utilizing Jericho Well #1 and a new shallow well.
  - ✦ JICA had studied in preparatory study water quality and quantity of Jericho Well #-1, however, the results are not finalized yet and expected to be available at the end of this month so that we can't wait to get the results of the testing to utilize the remaining budget of the UNDP grant. Therefore, Well #1 can't be a part of the project to be implemented by UNDP in this fiscal year.
  - ✦ We have three other options to be included in the coming UNDP project: the first option is to construct a water tank at the Stage I site of JAIP in accordance with the F/S, the second option is to use Mekorot water supply but we need to construct a pipeline near from the Intercontinental Hotel, for which we need to get the approval from Israeli side and the third option is to procure water tankers to be owned by PIEFZA and operated by the Developer, if it's feasible.
  - ✦ Testing and drilling for a new shallow well could be included but it might need an approval from the Joint Water Committee. However, we can't proceed further in the coming UNDP project since a result of the testing is not known.
- The options floated by Mr. Yamamoto was then discussed by the audience:
  - ✦ The Mayor commented on Mekorot option we are not willing to allow Israelis to get in to our water network.
  - ✦ Eng. Jalal: Mekorot is not a secure supply of water and the water quality is not very good, water need further treatment.
  - ✦ Mr. Yamamoto commented that through the 4-Parties committee we can assure the Israeli commitment to supply water for JAIP.
  - ✦ Eng. Jalal: our proposal in Jericho municipality is that in order to supply JAIP with 30m<sup>3</sup>/ hr we need to build a connection pipeline from the nearest point of

existing municipality water network (near the block factory) to JAIP, drill a new shallow well next to Hisham's Palace connect it to network and mix it's brackish water with Ain-Sultan spring water, and construct a supply pipeline connecting main equalizer tank near Ain-Sultan to Kef El-wad (southern part of the Jericho city) to reinforce the existing transport line especially during summer time. These two projects can increase the brackish water supply volume to the farmers. As a result, the share of the pure water from Ain-Sultan spring to the system can be increased.

- ⊕ Eng. Deeb: according to the pumping test results of Well #. 1 that was conducted since 2 weeks ago at pumping rate of 166 m<sup>3</sup>/hr with a total drawdown of 9.5 m, These results shows that the water quantity is excellent; the well could produce about 180 m<sup>3</sup>/hr with reasonable drawdown. . Based on these results, We can install a high capacity pump (180 m<sup>3</sup>/hr) for the well and utilize it for all beneficiaries according to the following suggested allocations: 1.Aqbat Jaber Camp about (60 m<sup>3</sup>/hr), 2. JAIP about (100 m<sup>3</sup>/hr), 3.Jericho Municipality about (20 m<sup>3</sup>/hr). As for water quality, the initial PWA lab result shows relatively good water quality except chloride contents (the results shows a chloride content of 370-390ppm, while the WHO standards for drinking purposes is about 250ppm). This problem could be solved through mixing this water with other fresh water (like Ein Sultan Spring that is characterized with very low content of chloride, about 20 to 30 ppm). I presumed that this solution will solve the water supply problem for JAIP at least for the first and second stages.
- ⊕ Mr. Yamamoto's concern: how we can assure stable water supply to JAIP if it is connected to Jericho water network??
- ⊕ Eng. Jalal: we in Jericho Municipality are willing to sign any agreements you wish to guarantee a continuous supply of water, however, from a technical point of view and since JAIP is downstream the natural flow of water due to hydraulic pressure will supply JAIP with water first.
- ⊕ Mr.Kubo: our colleagues in Tokyo can't understand how we can assure continuous stable water supply to JAIP without shortage, however; they are coming soon and can discuss technical issues with you.  
Also, if the Government of Japan extends a grant assistance for Well No. 1 and New Well, JICA need to conduct basic study and the results will propose a proper pump capacity for Well No.1, the measure to improve the water quality if necessary, the layout of the pipeline roots from Well No.1 and New Well, etc. We cannot commit to accepting all the ideas raised today.
- ⊕ The Mayor: since the only fresh water in Jericho is produced from Ain-sultan spring, the only way to get drinkable water is to connect to our water network.

Ain-Sultan which produces 650 m<sup>3</sup>/hr is used for both domestic and agricultural use on a 50:50 ratio at present.

- Mr. Atta then concluded that our final proposal will include the following components:
  1. Construct a 500 m<sup>3</sup> elevated water tank (Square tank)
  2. Construct a 3 inches diameter transport pipeline from the block factory to the elevated water tank at JAIP.
  3. Construct a 2.15km long a 10 - 12 inches diameter supply pipeline from Ain-Sultan to the main tank to Ketf el-wad
  4. Drill a shallow well next to Hisham's Palace (as a provisional item)
- Mr. Yamamoto: we will consult with Tokyo and reply to this final proposal within 2 days.
- The Mayor thanked the audience and the meeting ended.



**Jericho Water Network**  
**Municipal Water Supply to The JAIP**  
**DRAFTED BY: Eng. JALAL BSHARAT**

Legend	
○	Dam_Valves
●	Dam_Junctions
—	Dam_Pipes

## Nader Atta

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**From:** YAMAMOTO HIDEAKI [hideaki.yamamoto@mofa.go.jp]  
**Sent:** Sunday, March 06, 2011 7:13 PM  
**To:** Nader Atta; 'reemn@piefza.org'; 'a.milhem@piefza.org'; 'jalal bsharrat'  
**Cc:** Musa Al-Khatib; 'Kubo.Eiji@jica.go.jp'; 'Tanaka.Izumi@jica.go.jp';  
'Mukai.Naoto@jica.go.jp'; 'Takeo Matsuzawa'; HASHIMOTO NAOFUMI  
**Subject:** RE: Feb 28 2011 draft 2 Project Document for water works JAIP.docx

Dear Partners,

I'm so glad to inform you that my HQs has just decided to allocate the amount of USD 859,531 for the execution of the captioned project. I anticipate the project is going to be implemented timely, smoothly, efficiently and effectively as proposed through excellent cooperation among the stakeholders. An official announcement of the funding will be made in the form of a press release to be issued by the Representative Office of Japan to the PNA right after completing the necessary procedures for the disbursement between the Government of Japan and UNDP.

Dear Reem and Jalal,

Your comments to the draft project document have dully been reflected or taken note.

Dear Nader,

Please communicate with your HQs to accelerate the necessary procedures for the disbursement, namely signing the Note Verbale and issuing a request letter for payment in time.

My best,

Hideaki

Hideaki Yamamoto  
Deputy Representative of Japan to the PNA

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**From:** Nader Atta [mailto:nader.atta@undp.org]  
**Sent:** Monday, February 28, 2011 4:06 PM  
**To:** reemn@piefza.org; a.milhem@piefza.org; jalal bsharrat  
**Cc:** YAMAMOTO HIDEAKI; Musa Al-Khatib  
**Subject:** Feb 28 2011 draft 2 Project Document for water works JAIP.docx

Dear Partners:

Kindly find attached the draft project document that was forwarded to Mr. Yamamoto that pertains to the JAIP water project intervention. The document includes all the components that we discussed and agreed to during our 21<sup>st</sup> of February 2011 meeting.

If you have any questions please do let me know.

Thanks..Nader



3 March 2011

Dear Mr. Osuga,

In reference to the Note Verbale No. SC/11/077 on the "Expansion of a Water Network to Service Jericho Southern Area Mainly the Future Jericho Agro-Industrial Park (JAIP)", I would like to take this opportunity to thank the Government of Japan for the contribution of eight hundred and fifty nine thousand and five hundred and thirty one US dollars (US\$859,531) to the United Nations Development Programme for the project mentioned above. We wish to confirm that UNDP has the honor to accept this proposed contribution. In accordance with the decisions and directives of UNDP's Executive Board, the contribution shall be subject to cost recovery for General Management Support (GMS) services at the rate of 7%.

It would be appreciated if arrangements could be made to deposit the contribution into the following bank account:

Bank:	JP Morgan Chase Bank
Address:	International Agencies Banking 270 Park Avenue, 43rd Floor New York, NY, 10017-2014 USA
Account Title:	UNDP Contributions Account
Bank account Number:	015002284
SWIFT Code:	CHASUS33
ABA Number:	021000021
Currency:	USD

It would also be very much appreciated if "PAPP" could be clearly stated when payment instructions are transmitted to the Bank in order for us to apply the payment to the fund as intended.

Please accept our sincere appreciation for your continued support to the activities of UNDP.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Sigrid Kaag', is written over a faint, circular official stamp.

Sigrid Kaag  
Assistant Administrator and Director  
Partnerships Bureau

Mr. Takeshi Osuga  
Minister  
Permanent Mission of Japan  
to the United Nations  
New York, NY



PERMANENT MISSION OF JAPAN  
TO THE UNITED NATIONS  
NEW YORK

SC/11/077

The Permanent Mission of Japan to the United Nations presents its compliments to the United Nations Development Programme (UNDP) and, in response to the latter's request, has the honor to inform it that the Government of Japan has decided to make a contribution of eight hundred and fifty nine thousand and five hundred and thirty one US dollars (US\$859,531; hereinafter referred to as the "Grant") to the UNDP Programme of Assistance to the Palestinian People (PAPP) for the execution of the project entitled "Expansion of a Water Network to Service Jericho Southern Area Mainly the Future Jericho Agro-Industrial Park (JAIP)."

The Permanent Mission of Japan has further the honor to request UNDP to be good enough to ensure the following:

- (1) The Grant will be used appropriately and exclusively for the project "Expansion of a Water Network to Service Jericho Southern Area Mainly the Future Jericho Agro-Industrial Park (JAIP)."
- (2) The Grant will be financially managed as a stand-alone cost-sharing project for the PAPP and in accordance with UNDP's Financial Rules and Regulations.
- (3) A project report and a financial report for this Grant will be provided to the Permanent Mission of Japan upon the completion of the expenditure of this Grant.
- (4) The interest accrued on the Grant will be credited back to the same stand-alone cost-sharing project and will be used in accordance with the objectives of the above-mentioned project. This will be reflected in the Certified Financial Report to the Government of Japan.
- (5) Unused balance of the Grant will be refunded to the Government of Japan as soon as possible after completion of the above-mentioned project.
- (6) The Government of Japan and the UNDP will consult with each other regarding any remaining monies or shortfalls in connection with the Grant.

The Permanent Mission of Japan to the United Nations avails itself of this opportunity to renew to the United Nations Development Programme the assurances of its highest consideration.

3 March 2011



Recorded

GID | 1950

Sameer Jebril

From: Claire Adrien  
 Sent: Monday, March 21, 2011 6:20 PM  
 To: Mishiko Seino; Sameer Jebril  
 Cc: Jiro Usui; Hitoshi Aoyagi; Nader Atta; Yuna Badaker  
 Subject: RE: Feb 28 2011 draft 2 Project Document for water works JAIP.docx  
 Attachments: DR\_PAPP.PDF; NV\_PAPP.PDF; PAPP\_NV\_.pdf; image001.gif; image002.jpg; oledata.mso

Mo: Ivan


Thanks, Mishiko.

Pleased to confirm receipt of the funds as follows:

Deposit ID	Received	Name	Dep Descr	Currency	Amount
30184	3/18/2011	GOVERNMENT OF JAPAN	JPN/PAPP	USD	859,531.00

Dear Sameer,  
 Kindly create pending item GID using fund code 30000 and provide GID for prompt application of the funds.  
 Thanks and regards,

Project 78092  
 fund 30000  
 Dower 00141

 **CLAIRE M. ADRIEN**  
 Accounts Examiner  
 BOM/GACS/Contributions Unit  
 claire.adrien@undp.org  
 Tel No. (212) 906-6778  
 Fax No. (212) 906-6377


∞

From: Mishiko Seino  
 Sent: Monday, March 21, 2011 12:11 PM  
 To: Claire Adrien  
 Cc: Jiro Usui; Sameer Jebril; Hitoshi Aoyagi  
 Subject: RE: Feb 28 2011 draft 2 Project Document for water works JAIP.docx

Dear Claire,  
 The agreements were already signed and we are waiting for the deposit. We are expecting a total of \$859,531 apart from the \$204,288.24 already applied. Attached please find the related documents. I apologize for not sending this earlier.

With kind regards,  
Mishiko Seino

Mishiko Seino (Ms.)  
 Programme Associate  
 Partnerships Bureau  
 United Nations Development Programme (UNDP)  
 One United Nations Plaza, DC1-1947  
 New York, NY 10017  
 Tel: 212-906-5685, Fax: 212-906-3633  
 mishiko.seino@undp.org



From: Claire Adrien  
 Sent: Monday, March 21, 2011 10:48 AM  
 To: Mishiko Seino