ISN-23265

PD-AAQ-633

279-11-521-017	March 8, 1973 - June 30, 1975	Yemen Arab Republic	76-017-1

John F. Kennedy Water System for Taiz (Rehabilitation)

Date: Begin. 73 Date: 76	2. DATE LATEST PROP Feb. 13, 1973	3. DATE LATEST PIP -	4. DATE PRIOR PIP N/A
5. Cumulative Obligation Thru Prior FY: $491,000	6. Current FY Estimated Outlays: $ None	7. Estimated Budget to completion After Current FY: $ 491,000	

8. KEY ACTIVITIES (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Paul Tolson	PSC
Taiz Municipal Water & Sewerage System (J.F.K. System)	Host Country - Y.A.R.

9. ACTIVITIES PLANNED AND REPORTED AS A RESULT OF THIS EVALUATION

A. ACTION (X) NOW	AHEAD	NEXT	B. LIST OF ACTIONS	C. ESTIMATED DATE COMPLETION
			NONE - Project Terminated on June 30, 1975 as scheduled.	

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10. DATE OF MISSION: [ ] Prep [ ] [ ] [ ] [ ] [ ] [ ] [ ]		11. DATE OF REPORT: 10-15-75
12. NAME OF MISSION LEADER: Jack R. Snead	13. SIGNATURE: 11/8/75	14. NAME OF MISSION MEMBER, EXPERTISE: Abdelmo Raiz

PROJECT NO. 4	PROJ. TITLE 279-11-521-017	PERIOD COVERED March 8, 1973 to June 30, 1975	COUNTRY Yemen Arab Republic	PAR SERIAL NO. 76-017-1

N/A

B. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Ratio/Amount) CUMULATIVE PRIOR FY	CURRENT FY TO DATE	CURRENT FY TO END	FY 74	FY 75	PLAN OF EOP
1. Water supply increased from previous capacity of about .6 mgd to 1.2 mgd.	PLANNED	1.2 mgd			1.2		1.2 mgd
	ACTUAL PERFORMANCE	1.35					
	REPLANNED			-	-	-	-
2. Existing meters repaired or new meters installed show increased per capita supply.	PLANNED	As reqd.	-	-	As reqd.	-	As reqd.
	ACTUAL PERFORMANCE	7,400	-				
	REPLANNED						0
3. Water laboratory processing both chemical and biological samples indicate potability of water supply.	PLANNED	as required				continuing	
	ACTUAL PERFORMANCE	continuing					
	REPLANNED						0
4. Personnel trained in operations, maintenance, management, and sanitary engineering techniques. a. abroad b. On-the-job	PLANNED a.	12				12	12
	PLANNED b.	as required				continuing	
	ACTUAL PERFORMANCE a.	5	5				
	ACTUAL PERFORMANCE b.	continuing					
	REPLANNED a.						0
	REPLANNED b.						0

C. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENTS
Taiz water supply system operating at full capacity.	At the end of project JFK Water System was producin and distributing 1.35 mgd or 113% of target.
People getting additional if not sufficient water.	Although the distribution has increased the system is operating above its 1972 design capacity. Plans for system redesign are underway and expansion planned for the future.
People getting better quality water.	The number of water samples being analyzed has reduced since the departure of a PCV chemist, but analysis does continue on a regular basis.
4. Trained waterworks personnel for key positions.	4. On-the-job maintenance training is carried on routinely. Individuals trained at Amiliel Technical Institute and in the U.S. under Project 020 are now working at the J.F.K. Memorial System, Taiz.

[illegible]	[illegible] No.	[illegible]	[illegible]	[illegible]
[illegible] 4	279-11-521-017	March 8, 1973 June 30, 1975	Yemen Arab Republic	76-017-1

[illegible] PURPOSE

[illegible] 2 [illegible] PROP? ☒ YES [illegible]

To rehabilitate the John F. Kennedy Memorial Water System for Taiz, Yemen to its original project design capacity of supplying 1.2 million gallons per day and strengthen the managerial and technical capabilities of the personnel.

[illegible]	[illegible]
a) All process and mechanical units of Taiz Water System operating at full capacity.	a) The system is operating above its design c[illegible]city.
b) All water usage metered to provide basis for charging for water.	b) Meters installed are read and customers a[illegible]eing billed for water used. In addition 2,000 mete[illegible] connections are being billed at a flat rate.
c) Capability of monitoring chemical and biological quality of water.	c) An operating lab exists within the JFK Sy[illegible], and samples are being taken and analyzed.
d) Fully trained staff to manage and operate system by end of 1975.	d) The present system is being totally manag[illegible]y the Yemeni. Additional training is still need[illegible] in the management and administrative areas. Howe[illegible], qualified candidates with English language capa[illegible]ility were not available.

V. PROGRAMMING GOAL

[illegible]

The goal of the project is to assist the YARG in its national development priori[illegible] of reducing incidences of impure-water-related diseases and aiding its principal [illegible]an centers in establishing adequate potable water systems.

[illegible]

YES. The rehabilitation of the JFK Memorial Water System has made it possible to reduce incidences of impure water related diseases, also since Taiz is a principal [illegible]ban center, the JFK system rehabilitation has helped to establish an adequate urban [illegible] system.