## CONTRACT TASK ORDER NO. 0096 DEVELOP AN IMPLEMENTATION PLAN FOR CONSTRUCTION OF A PUMP AND TREAT SYSTEM AT THE GM-38 OFFSITE AREA NWIRP, BETHPAGE, NY

NTR: Lora Fly Project Manager: Stavros Patselas

## WORK ACCOMPLISHED DURING THE PERIOD OF JULY 26 THRU AUGUST 22, 2008:

- Attend RAB meeting on July 30, 2008 and provide update on GM-38 construction.
- Building subcontractor maintained the E&S controls for access road and building earthwork. Installed forms, set steel, and poured concrete for air stripper sump bottom and walls. Begin backfill and compaction around the air stripper sump. Received submittal from building manufacturer, Ceco. Forward color chart for building exterior to Town of Oyster Bay to select. Untimely submittal of steel fabrication drawings caused delay to order to steel which resulted in schedule delay.
- Electrical subcontractor mobilized trailer, installed electrical panels for temporary service to trailers, prepared for installation of temporary service poles, and prepared technical submittals required.
- Mechanical subcontractor mobilized trailer, installed temporary site security fence around the perimeter of project area, clear/grub along Route 135 right of way, and prepared technical submittals required.
- Maintained communication with Nassau County DPW regarding request to discharge into NC Basin #495. Received draft letter on August 12, 2008 that grants permission based on certain conditions such as an annual fee and scarification of the basin bottom near the outlet. Await final letter as formal approval prior to responding. Discharge into the basin will then be primary and eliminate the need to install three (3) additional injection wells.
- Received water availability response letter dated August 11, 2008 from H2M on behalf of Bethpage Water District. A 6" size potable water line is required based on the highest period of water use which is during liquid phase carbon change-outs. The preferred connection location on BWD property is acceptable but will require an easement. BWD is to design the connection and install at a cost to the project.
- Communicated with Navy regarding budget update letter on June 6, 2008 followed by basis of estimate with proposal on June 17, 2008. Received contract medication for scope growth. Provided additional information as requested.

- Maintained communication with Navy real estate and MTA Real Estate Department toward real estate agreement for Long Island Railroad property. Entry permit is to be issued by mid-September 2008.
- Conducted weekly progress meetings with Navy ROICC every Wednesday at 1:30 p.m. Navy's Chris Shukis, NYSDEC's Steve Scharf, and TtEC PM attend the August August 13 meeting.
- Meet with third party consultant, Arcadis, to review existing budget and upcoming scope of work.
- Complete review of six proposals and pricing for PLC and instrumentation. Proceed to issue award to the vendor that best displayed technical understanding of the RFP at best value.
- Issue award to Product Recovery Management for all pumps.
- Coordinate with vendors on the delivery of treatment equipment in September.

## WORK PLANNED DURING THE PERIOD OF AUGUST 23 THRU SEPT 26, 2008:

- Building subcontractor constructs building sump, piers, and grade beam. Building submittal to be revised and resubmitted for review based on structural engineer comments.
- Electrical subcontractor is to install the temporary electric for trailers, forwards technical submittals for review, and begin installation of required conduits in process system trench.
- Mechanical subcontractor will install E&S controls for process pipe trenches, address any review comments on technical submittals and begin trench excavation and installation of process piping.
- Proceed to issue purchase order to Advantech Corporation to provide PLC and instrumentation.
- Continue procurement process for drilling. Receive and evaluate quotations followed by negotiating and issuing purchase orders and subcontracts.
- Continue to coordinate with vendors on the delivery of treatment equipment.

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- Continue communications with Nassau County Department of Health (sodium hydroxide drum and treatment vessels) and Fire Marshal (fire alarm and automatic sprinkler).
- Continue communications with Nassau County Department of Public Works requesting permission to discharge into county recharge basin #495 on the western side of Broadway Ave.
- Navy technical direction to complete changes to design drawings impacted by TOB/BWD compromises, third party consultant comments (flowrate balance and control with air stripper), elimination of the Sophia St access road, and transmission line location.
- Continue oversight of any activities to be performed by third party consultant, Arcadis.
- TtEC representatives to attend weekly progress meetings w/ Navy ROICC and others every Wednesday at 1:30 p.m.
- Continue periodic updates to TOB and NYSDEC.
- Continue updates to Navy on budget and schedule.
- Continue project management of existing subcontracts and purchase orders.

## TASKS REMAINING:

- Continue to complete and issue RFPs for bid to eventually issue subcontracts and purchase orders.
- Complete Phase 2 Full Construction of the Groundwater Remedial system.
- Start-up, testing, and shakedown of the treatment plant.
- Perform six months operation and maintenance of the treatment system.

Early Start	Early Finish	% Comp	2003 2004	2005	2006	2007	2008	2009	2010
	undwater Remed	•							
12SEP03A	12SEP03A	100	NAVY APPROVAL TO B	EGIN PREP OF COST ESTIMATE					
23SEP03A	23SEP03A	100	COST ESTIMATE PROV	TIDED TO NAVY FOR REVIEW			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
25SEP03A	25SEP03A	100	NOTIFIED FROM NAVY	Y FUNDS NOT AVAILABLE FY2003					
19FEB04A	19FEB04A	100	DATE OF MO	DIFICATION AWARD					
23FEB04A	19MAR04A	100	COMPLETE	DOCUMENT REVIEW (TASK 1)					
22MAR04A	21MAY04A	100		PRAFT WORKPLAN(LETTER REPO	ORT)/ SHSP TO NAVY				
03MAY04A	28JAN05A	100		BASIS DSGN TSK2/PREP	OF DRFT RMDL DSG	N PLN TK3			
24MAY04A	03SEP04A	100	1	REG REVIEW OF DRAFT WORKPI	AN (LTR RPT)/SHSP				
07SEP04A	28SEP04A	100		REV'S DRAFT WRKPLN LTR RPI	/HASP BAS D REG CO	M'TS			
18OCT04A	24NOV04A	100		SBMT FNL WKPLN(LTR RPT)	TO NAVY/ REGULAT	ORS			
17NOV04A	19NOV04A	100		OPT. TSK2 MOB/ SETUP DECO	ON PAD				
22NOV04A	28DEC04A	100		OPT. TSK2 DRILL, CONST	& DEVELOP 3 MW'S	AT RW-2			
22NOV04A	13MAY05A	100			HANDLING AND SAM	IPLING			
20DEC04A	31DEC04A	100		OPTIONAL TASK 1 GEOTE	CHNICAL				
03JAN05A	07JAN05A	100		OPT. TSK2 DRILL, CONST	1 MW ON S. HERMA	N ST			1
10JAN05A	28JAN05A	100		□ OPT. TSK2 DRILL & CO	NST & RW-2				
31JAN05A	08FEB05A	100		SUBMIT DRAFT REMED	IAL DESIGN PLAN TO	NAVY			
07FEB05A	24FEB05A	100		□ OPT. TSK2 DRILL & CO	ONST IW-1				
Start Date Finish Date		30SEP03 31DEC09	Early B	CONTRACT	ASK ORDER NO. 96	Sheet 1 of 5			
Data Date Run Date	27	22AUG08 AUG08 12:08	Progres	ss Bar RETHPAG	GE, NEW YORK				
			Critical	Activity					
				GM-38 PUMP A	ND TREAT SYSTEM	l			
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Early	Early	%	2003	2004	2005	2006	2007	2008		2009	2010
Start	Finish	Comp	2003					2008		2009	2010
08FEB05A	14MAR05A	100			NAVY & 3RD PA	RTY REV'W OF DRFT R	MDL DSGN PLN				
24555054	053 (4 D054	100									
24FEB05A	07MAR05A	100			CLEAR GRUB	INST'L ACCESS RD ON	NYSDOT ROW (PA)				
14MAR05A	11NOV05A	100				REV'S DRFT RMDL DSN	I PA S'D ON NAVY CO	MITS & ELD			
141111110371	1111010311	100				REV S DRIT RIVIDE DSIN	BASDONNAVICE	7VI 13 & PLD			
14MAR05A	08APR05A	100	1		OPT.TSK2 DRI	ILL & CONST RW-1 & M	IW IN NYSDOT				
18APR05A	24JUN05A	100	1		OPTIONA	L TASK 3 SAMPLING T	REATABILITY STUD	<b>)Y</b>			
25APR05A	29APR05A	100	]		RECOVERY V	WELL PUMP TESTS & IN	NJECTION WELL TE	ST			
02MAY05A	20MAY05A	100			OPT. TSK2 S	SITE PREDESIGN RESTO	<b>DRATION</b>				
02MAY05A	19MAY05A	100			DDII I INCI	DEMOBE OF PHASE 1					
02MAT03A	19MA103A	100				DEVIOUSE OF PHASE I					
11NOV05A	11NOV05A	100	1 1 1 1 1			SBMIT REVISED DRFT I	PLN & SPECS TO NY	SDEC & RAB			
14NOV05A	18JAN06A	100	1 1 1 1 1			REGULATOR/ PUBI	LIC REVIEW PERIO	<b>)</b>			
Tentative Mee											
04AUG04A	04AUG04A	100		ME	ETINGS W/REG/ NAVY						
23SEP04A	23SEP04A	100	1								
233EI 04A	233EF 04A	100			COMMUNITY WORK SHOP						
02NOV04A	02NOV04A	100	1		MEETINGS W/REG/ NAV	v					
06APR05A	06APR05A	100			MEETINGS W/J	REG/ NAVY					
16JUN05A	16JUN05A	100	1 1 1 1 1		PUBLIC M	<b>IEETING</b>					
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Start	Finish	Comp	2003	2004	2005 2006 2007 2008 2009	2010
Phase 2 Groun	ndwater Remed	diation				
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16MAY05A	26AUG05A	100			PROJ PLNS SHSP/QCP/TRAFFIC/WMP/E&S	1   1   1   1   1   1   1   1   1   1
29AUG05A	14OCT05A	100			NAVY REVIEW	
17OCT05A	28OCT05A	100			© RESPOND TO NAVY COMMENTS	1
31OCT05A	11NOV05A	100			SUBMIT PROJECT PLANS TO REGULTOR	
14NOV05A	18JAN06A	100			NYSDEC, RAB/TAC/ &PUBLIC REVIEW PERIOD	
19JAN06A	23MAR06A	100			RESPOND TO COMMENTS AND FINALIZE	
24MAR06A	08MAY06A	100	-		FINALIZE AND SUBMIT DESIGN	1
Groundwater	Pomodiation					
17OCT06A	17OCT06A	100	-		I TOWN BOARD MEETING (INITIAL ACCESS APPROVAL)	
18DEC07A	18DEC07A	100	_			
30JAN08A	30JAN08A	100			TOWN BOARD APPROVES REAL ESTA	
	16APR08A	100	_		NAVY'S AUTHORIZATION TO PROC	JEED
16APR08A					RAB Meeting	
29MAY08A	29MAY08A	100			PRE-CONSTRCTION MEETI	NG
02JUN08A	06JUN08A	100			AIR STRIPPER RECON	
23JUN08A	03JUL08A	100			TOWN SITEWORK (ACCESS RD AND E&S CONTROLS)	
07JUL08A	11JUL08A	100			I BLDG EXCAVATION	
14JUL08A	24OCT08	39			EXT. MECH. & ELI	EC ON TOWN NYDOTONL
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31JUL08A	31JUL08A	100									WHM CO	NTRACT AWARD	
11AUG08A	19SEP08	28									(WHN	I) MOBILIZATION & S	SUBMITTALS
22AUG08A	27AUG08	0	1 1 1 1 1								(WHM)	TEMPORARY FENCE	
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	0.5055500												
05SEP08	05SEP08	0									(MUA)	COMPLETE BUIDING	FLOOR SUMP
08SEP08	17NOV08	0				(WHM) I	EXCAV/INS	STALLATION O	F HDPE PI	PING/TEST	ING 🗀 🗎		
08SEP08	12SEP08	0									I (MUA)	COMPLETE BLDING	SUMP WALLS
22SEP08	10OCT08	0	-								□ tNS1	ALL EXTERIOR WAT	FR & SEWER
22521 00	1000100												
2005500	20055000												
30SEP08	30SEP08	0									(MUA	A) COMPLETE BUILD	ING GRADE BEAM
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