

FOR BOARD ACTION

Agenda Item # 7. a.

Meeting Date:

1/31/06

SUBJECT:

General Construction Silver Lake Plant Modification Project Contract 03-23-E
Change Order 004

PREPARED BY:

Wally Schlink, Director of Power Resources

ITEM DESCRIPTION:

Background: At the regularly scheduled March 25, 2003 Utility Board meeting, a contract with Himec Inc. was approved for the modification of the Silver Lake Plant to provide steam to Prospect Utility Plant from the existing facilities. The contract was signed in August 2003 and substantial completion was scheduled for May, 2004.

Due to the delay in the start in construction, increases in the cost of procurement of materials and changes in the scope of work there have been various change orders to the contract requested and approved. The contract history is in the following table.

Action	Date Submitted	Cost	Adjusted Contract Total
Original Contract	March 2003	\$2,687,000	
Change Order 001	September 2004	\$399,420	\$3,086,420
Change Order 002	July 2005	\$65,845	\$3,152,265
Change Order 003	October 2005	\$114,305	\$3,266,570
Change Order 004	January 2006	\$123,148	\$3,389,718

RPU Change Order 004 is being presented for additions to the scope and field adjustments that are required. The total being requested in Change Order 004 is \$123,148.

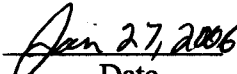
These changes are for the portion of the project that will be recovered through the "steam rate" and will be incorporated into the final rate charged to the end customer for the commodity.

Attached is the recommendation from Stanley Consultants and the support documentation which specifically defines the changes and related costs.

UTILITY BOARD ACTION REQUESTED:

Staff recommends that the Utility Board approve RPU Change Order 004 to the contract with Himec Inc. in the amount of \$123,148 for the General Construction Silver Lake Plant Modifications Project. This brings the total amount of the contract to \$3,389,718.


General Manager


Date

ROCHESTER PUBLIC UTILITIES



Stanley Consultants co.

A Stanley Group Company
Engineering, Environmental and Construction Services - Worldwide

January 10, 2006

Mr. Tom Williamson
Rochester Public Utilities
4000 East River Road NE
Rochester, MN 55906-2813

Dear Mr. Williamson:

Subject: Silver Lake Modification Project
Change Order Packet 2-007

The following change order proposals have been received by Stanley Consultants:

COP - 011	ITC 014	89" HPS HIU Pipe Support	\$ 980.00
COP - 032	ITC 040	Export Condensate DA Overflow Protection	\$ 2,155.00
COP - 042	ITC 046	Steam Trap off MS in WTB	\$ 7,925.00
COP - 044	ITC 047	Filling Tees on Export Steam	\$ 1,985.00
COP - 045	ITC 048	Amine System to Condensate Polisher	\$ 3,400.00
COP - 046	ITC 050	Pressure Regulator at Polisher Skid	\$ 895.00
COP - 050	ITC 052	Relocate OCN01FT	\$ 7,290.00
COP - 047	ITC 053	Trap Station at OES01PCV	\$ 7,925.00
COP - 049	ITC 054	Additional Flow Meter @ Condensate Polisher	\$ 470.00
COP - 048	ITC 055	Inspection Vent	\$ 6,650.00
COP - 052	ITC 057	By-pass Vent on DA	\$ 735.00
COP - 051	ITC 058	RPU Water Meter Installation	\$ 12,850.00
COP - 040	ITC 059	Adjust Export Steam DA Relief Valve	\$ 1,480.00
COP - 024	ITC 060	Install 4" Strainer in Water Line @ WTP	\$ 590.00
COP - 036	ITC 061	LPR to DA Modification in WTP	\$ 2,915.00
COP - 041	ITC 062	Chemical Injection and Sample Port ES DA	\$ 1,740.00
COP - 039	ITC 063	Additional Insulation Scope	\$ 41,215.00
COP - 027	ITC 064	Auto Recirculation Valves	\$ 4,850.00
COP - 031	ITC 065	Non Return Valves	\$ 17,098.00
		Total Amount of Change Orders	\$ 123,148.00

This document was sent electronically

Mr. Tom Williamson
March 25, 2005
Page 2

After review of the attached proposals, it is the recommendation of Stanley Consultants that these proposals be accepted as additions to the contract documents and HiMec Mechanical's contract be increased an additional \$123,148.00.

Sincerely,

Stanley Consultants, Inc.



Gary L. Phillips
Resident Project Representative

Attachments(s): HiMec Change Order Proposal 011
HiMec Change Order Proposal 032
HiMec Change Order Proposal 042
HiMec Change Order Proposal 044
HiMec Change Order Proposal 045
HiMec Change Order Proposal 046
HiMec Change Order Proposal 050
HiMec Change Order Proposal 047
HiMec Change Order Proposal 049
HiMec Change Order Proposal 048
HiMec Change Order Proposal 052
HiMec Change Order Proposal 051
HiMec Change Order Proposal 040
HiMec Change Order Proposal 024
HiMec Change Order Proposal 036
HiMec Change Order Proposal 041
HiMec Change Order Proposal 039
HiMec Change Order Proposal 027
HiMec Change Order Proposal 031

cc: Mr. Mark Browning, Mayo
Mr. Tim Jungers, HiMec
Mr. Mark Henthorn, SCI

Rochester Public Utilities
Silver Lake Modification Project
ITC Recap Sheet
As of January 10, 2006

2-001	Insulate Wrigley Installed Pipe and Valves	\$ 31,980			
2-002	Revise Dirty Condensate Pump Impeller And Motor	\$ -			
2-003	Revise Clean Condensate Control Valves	\$ 14,710		\$ 9,715	
2-004	Additional Nova Spec Instruments	\$ 7,230			
2-005	Incorporate Public Works Comments on WTB	\$ -			
2-006	Environmental Appeal Denied. Reprice Work	\$ 345,500			
2-007	Office Spaces Furnished by RPU	\$ -			
2-008	Relief Valves - Discharge Routing				
2-009	Relief Valves - Drip Pan Elbows		\$ 4,845		
2-010	Instrument Air Tubing Material and Thickness		\$ 5,070		
2-011	Vent Pipe Support			\$ 13,080	
2-012	DA Structural Steel Support Modification		\$ 18,340		
2-013	Pipe Supports				
2-014	89" HPS H1U Pipe Support				\$ 980
2-015	Drip Legs		\$ 1,285		
2-016	Supplemental Steel Relocation		\$ 665		
2-017	Nozzle Tube Extension on 1, 3, and 4 Flow Tubes		\$ 19,510		
2-018	Relocate Valve 04MS02FV to Turbine Floor		\$ 2,340		
2-019	#4 Valve Assembly Relocation		\$ 6,295		
2-020	Lisega Hanger Issue - First Set Resolution				
2-021	Lisega Hanger Issue - Second Set Resolution				
2-022	Lisega Hanger Issue - Third Set Resolution				
2-023	Steam Nozzle Longer on Unit 1		\$ 3,395		
2-024	Reorient Three Step Stairs on DWG M216			\$ 1,065	
2-025	Pipe Spool Piece at 03ES01PCV at Unit Three				
2-026	Steel Beam Change				
2-027	WTB HPS Reroute to Miss Pre-engineered BLD Steel			\$ 28,910	
2-028	Housekeeping Pad for Delta V Panel				
2-029	Chemical System Electrical Services				
2-030	HPS Bypass line around OES01FCV			\$ 10,505	
2-031	Catwalk Around Pipe Hangers			\$ 2,970	
2-032	Delete Valve OCN01FV at Unit 1 and DA Extract Stm				
2-033	Tempered Water for EWS in WTB			\$ 6,905	
2-034	Make Up Water Modification			\$ 23,170	
2-035	PCV001 Control Valve				Rejected
2-036	Relocate VFD's On RO Skid		\$ 2,765		
2-037	Tie In to Boiler Three		\$ 1,335		
2-038	Flex Connectors on TW Pumps			\$ 3,350	
2-039	By Pass on EDI Skid			\$ 865	
2-040	Export Condensate DA Overflow Protection				\$ 2,155
2-041	Control Wiring for WTB			\$ 5,500	
2-042	OSI Wiring for WTB			\$ 1,390	
2-043	Control Valve OCN01PVC			\$ 3,395	
2-044	Pressure Tap 3MS20PT			\$ 3,485	
2-045	Void				
2-046	Steam Trap off MS in WTB				\$ 7,925
2-047	Filling Tees on Export Steam Line				\$ 1,985
2-048	Amine System to Condensate Polisher				\$ 3,400
2-049	Seal Replacement on Cond. Transfer Pump (RPU)				
2-050	Pressure Regulator at Condensate Polisher Skid				\$ 895
2-051	Relief Valves OES01PSV and OES02PSV (RPU)				
2-052	Relocate OCN01FT				\$ 7,290
2-053	Trap Station @ OES01PCV				\$ 7,925
2-054	Additional Flow Meter @ Condensate Polisher				\$ 470
2-055	Inspection Vent				\$ 6,650

Rochester Public Utilities
 Silver Lake Modification Project
 ITC Recap Sheet
 As of January 10, 2006

2-056	Treated Water Modification				Declined
2-057	By Pass Vent on DA				\$ 735
2-058	RPU Water Meter Installation				\$ 12,850
2-059	Adjust Export Steam DA Relief Valve				\$ 1,480
2-060	Install 4" Strainer in Water Line @ WTP				\$ 590
2-061	LPR to DA Modification in WTB				\$ 2,915
2-062	Chemical Injection and Sample Port EX Strm DA				\$ 1,740
2-063	Additional Insulation Scope				\$ 41,215
2-064	Auto Recirculation Valves				\$ 4,850
2-065	Non Return Valves				\$ 17,098
	Totals	\$ 399,420	\$ 65,845	\$ 114,305	\$ 123,148



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve Change Order No. 004 to the General Construction Silver Lake Plant Modifications Project Contract 03-23-E between Rochester Public Utilities and Himec Inc. in the amount of \$123,148.00. This brings the total amount of the contract to \$3,389,718.00.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 31st day of January 2006.

President

Secretary