

## FOR BOARD ACTION

Agenda Item # 5.c.

Meeting Date:

10/25/05

**SUBJECT:**

General Construction Silver Lake Plant Modification Project Contract 03-23-E  
Change Order 003

**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. The value of the initial contract was \$2,687,000.

Due to the delay in the start in construction and the procurement of materials related to construction permit issuance RPU staff requested that Stanley Consultants update this contract to include any changes in scope or delay impacts associated with the revised schedule. Those changes were included in Change Order 001 for an amount of \$399,420 which was approved by the Board at the September 28, 2004 meeting. This brought the total contract amount to \$3,086,420. Changes in scope required Change Order 002 which was submitted to and approved by the Board in July 2005 for the amount of \$65,845 which brought the total approved contract amount to \$3,152,265.


RPU Change Order 003 is being presented for additions to the scope and field adjustments that are required. The total being requested in Change Order 003 is \$114,305.

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. This change order is in the 2005 budget as project contingency funds.

UTILITY BOARD ACTION REQUESTED:

Staff recommends that the Utility Board approve RPU Change Order 003 to the contract with Himec Inc. in the amount of \$114,305 for the General Construction Silver Lake Plant Modifications Project. This brings the total amount of the contract to \$3,266,570.

  
General Manager

  
Date

**ROCHESTER PUBLIC UTILITIES**

Rochester Public Utilities  
Silver Lake Modification Project  
ITC Recap Sheet  
As of October 19, 2005

ITC Number	ITC Description	RPU CO	RPU CO	RPU CO
		Number 1	Number 2	Number 3
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			
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	Liseqa Hanger Issue - First Set Resolution			
2-021	Liseqa Hanger Issue - Second Set Resolution			
2-022	Liseqa 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			\$ 6,905
2-033	Tempered Water for EWS in WTB			\$ 23,170
2-034	Make Up Water Modification			
2-035	PCV001 Control Valve			
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			
2-041	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
Unassigned	Auto Recirculation Valves			
Unassigned	Non Return Valves			
Unassigned	By Pass on Control Valve			
Unassigned	Addition Scope Changes for Insulation			
	Totals	\$ 399,420	\$ 65,845	\$ 114,305



# Stanley Consultants co.

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

September 14, 2005

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 2-004

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

COP #	ITC #	Description	Amount
COP - 010	ITC 011	Supports for Relief Vent Piping	\$ 13,080.00
COP - 021	ITC 030	6" Bypass Of Control Valve OES01FCV	\$ 10,505.00
COP - 028	ITC 038	Flex Connectors @ TWP	\$ 3,350.00
COP - 029	ITC 039	Two Inch Bypass Of EDI Unit	\$ 865.00
COP - 033	ITC 042	Install Repeater for OSI Buss Power Supply	\$ 1,390.00
		Total Amount of Change Order Proposals	\$ 29,190.00

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 \$29,190.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips  
Resident Project Representative

Attachments(s): HiMec Change Order Proposal 10  
HiMec Change Order Proposal 21  
HiMec Change Order Proposal 28

This document was sent electronically



# Stanley Consultants CO.

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

September 20, 2005

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 2-005

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

COP #	ITC #	Description	Amount
COP - 034	ITC 053	Pressure Tap Modifications	\$ 3,485.00
		Total Amount of Change Order Proposals	\$ 3,485.00

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 \$3,485.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips  
Resident Project Representative

Attachments(s): HiMec Change Order Proposal 53

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

This document was sent electronically



# Stanley Consultants CO.

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

October 12, 2005

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 2-006

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

COP #	ITC #	Description	Amount
COP - 018	ITC 024	Stair Re-orientation	\$ 1,065.00
COP - 020	ITC 027	WTB Steam Modifications	\$ 28,910.00
COP - 022	ITC 031	Platform and Grating Modifications	\$ 2,970.00
COP - 023	ITC 033	Emergency Eye Wash	\$ 6,905.00
COP - 025	ITC 034	Make Up Water Modifications	\$ 23,170.00
COP - 035	ITC 041	Wiring for Make Up Water Tanks	\$ 5,500.00
COP - 037	ITC 043	Bypass for OCN01PCV	\$ 3,395.00
COP - 038	ITC 003	Bypass for OCN02LCV	\$ 9,715.00
		Total Amount of Change Order Proposals	\$ 81,630.00

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 \$81,630.00.

Sincerely,

Stanley Consultants, Inc.

Gary L Phillips  
Resident Project Representative

This document was sent electronically

Mr. Tom Williamson  
March 25, 2005  
Page 2

Attachments(s): HiMec Change Order Proposal 018  
HiMec Change Order Proposal 020  
HiMec Change Order Proposal 022  
HiMec Change Order Proposal 023  
HiMec Change Order Proposal 025  
HiMec Change Order Proposal 035  
HiMec Change Order Proposal 037  
HiMec Change Order Proposal 038

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



## RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve Change Order 003 to the contract with Himec Inc. in the amount of \$114,305.00 which brings the total approved contract amount to \$3,266,570.00 for the General Construction Silver Lake Plant Modifications Project.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 25<sup>th</sup> day of October, 2005.

---

President

---

Secretary