

FOR BOARD ACTION

Agenda Item # 4.b.

Meeting Date:

7/26/05

SUBJECT:

General Construction Silver Lake Plant Modification Project Contract 03-23-E
Change Order 002

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

RPU Change Order 002 is being presented for additions to the scope and field adjustments that are required. The total being requested in Change Order 002 is \$65,845

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 002 to the contract with Himec Inc. in the amount of \$65,845 for the General Construction Silver Lake Plant Modifications Project. This brings the total amount of the contract to \$3,152,265


General Manager


Date

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

1 of 1

ITC Number	ITC Description	RPU CO	RPU CO
		Number 1	Number 2
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	
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		
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	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		
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		
2-028	Housekeeping Pad for Delta V Panel		
2-029	Chemical System Electrical Services		
2-030	HPS Bypass line around OES01FCV		
2-031	Catwalk Around Pipe Hangers		
2-032	Delete Valve OCN01FV at Unit 1 and DA Extract Stm		
2-033	Tempered Water for EWS in WTB		
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		
2-039	By Pass on EDI Skid		
	Totals	\$ 399,420	\$ 65,845



Stanley Consultants co.

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

March 25, 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 2-002

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

COP #	ITC #	Description	Amount
COP - 005	ITC's 12 & 13	Modify DA Steel and Piping	\$ 18,340.00
COP - 006	ITC 015	Supply Two Inch Drip legs	\$ 1,285.00
COP - 007	ITC 010	SS Tubing Substitution	\$ 5,070.00
COP - 008	ITC 009	Drip Pan Elbow Requirement	\$ 4,845.00
COP - 009	ITC 016	Relocate Beam and Change Hanger Type	\$ 665.00
Total Amount of Change Order Proposals			\$ 30,205.00

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 \$30, 205.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): COP 5 - DA Steel and Piping Changes
COP 6 - Drip Leg Modification

This document was sent electronically

Mr. Tom Williamson

March 25, 2005

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COP 7 - SS Tubing Substitution

COP 8 - Drip Pan Elbows

COP 9 - Relocate Hanger & Hanger Modification

cc: Mr. Mark Browning, Mayo

Mr. Tim Jungers, HiMec

Mr. Mark Henthorn, SCI

GLP



Stanley Consultants co.

A Stanley Group Company
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July 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 2-003

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

COP #	ITC #	Description	Amount
COP - 015	ITC 019	Lower Valve Assembly For Boiler 4 Tie In	\$ 6,295.00
COP - 014	ITC 037	Tie In to Boiler 3	\$ 1,335.00
COP - 013	ITC 018	Relocate Control Valve to Turbine Floor	\$ 2,340.00
COP - 012	ITC 017	Nozzles Off Boilers 1, 2 and 4	\$ 19,510.00
COP - 026	ITC 036	Relocate VFD's on R/O Skid	\$ 2,765.00
COP - 019	ITC 023	Steam Connection Modification	\$ 3,395.00
Total Amount of Change Order Proposals			\$ 35,640.00

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 \$35,640.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): HiMec Change Order Proposal 15
HiMec Change Order Proposal 14
HiMec Change Order Proposal 13

This document was sent electronically

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March 25, 2005

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HiMec Change Order Proposal 12

HiMec Change Order Proposal 26

HiMec Change Order Proposal 19

cc: Mr. Mark Browning, Mayo

Mr. Tim Jungers, HiMec

Mr. Mark Henthorn, SCI

GLP



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve Change Order No. 002 to the General Construction Silver Lake Plant Modifications Project Contract 03-23-E between Rochester Public Utilities and Himec Inc. in the amount of \$65,845.00. This brings the total amount of the contract to \$3,152,265.00.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 26th day of July 2005.

President

Secretary