

1 of 2
FOR BOARD ACTION

Agenda Item # 4. a.

Meeting Date: 7/26/05

SUBJECT:

General Construction RPU Steam Supply Project Contract 02-28-C
Change Order 003

PREPARED BY:

Wally Schlink, Director of Power Resources

ITEM DESCRIPTION:

Background: In May, 2001 RPU staff presented the initial project concept of a steam supply project to the RPU Utility Board for consideration. In June, 2001 the Board approved the project at their regularly scheduled Board meeting. At that time the commercial operation of the project was anticipated to be December, 2002.

On October 29, 2002 the RPU Utility Board approved a contract with Knutson Construction Services for the installation of a high pressure steam supply and condensate return system connecting the Silver Lake Plant with the Prospect Utility Plant portion of the project. The initial value of the approved contract was \$4,580,000. The contracts were signed in January 2003 with the anticipation that construction was to begin in the early spring of 2003 and substantial completion was to be by November 14, 2003.

Due to various significant delays primarily related to permitting and the associated administrative process; a change order was presented to the Board for approval for change in scope items and for the delays. In September 2004 the Utility Board approved Change Order 001 to the contract in the amount of \$1,305,950 which brought the total contract amount to \$5,885,950.

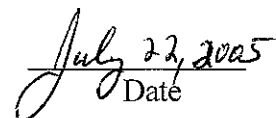
Change Order 002 was presented and approved by the Board at the April 26, 2005 Utility Board meeting. The total amount approved in Change Order 002 was \$100,726.48 which brought the total contract amount to \$5,986,676.48

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 \$94,279.00

These changes are connected to the portion of the project that is a "pass through" cost and will be recovered as incurred from the end customer.

Attached is a matrix showing all change order costs to date, the engineer's review and recommendations as well as support documentation defining the specifics applied to determine the changes


General Manager


Date

2 of 2
FOR BOARD ACTION

Agenda Item # 4. a.

Meeting Date:

7/26/05

UTILITY BOARD ACTION REQUESTED:

Staff recommends that the Utility Board approve RPU Change Order 003 to the contract with Knutson Construction Services in the amount of \$94,279.00 for the General Construction RPU Steam Supply Project. This brings the total amount of the contract to \$6,080,955.48

General Manager

Date

Rochester Public Utilities
 Steam Condensate Project
 ITC Recap Sheet
 As of July 19 2005

ITC Number	ITC Description	RPU CO	RPU CO	RPU
		Number 1	Number 2	Number 3
3-001	Delete Field Insulation	\$ (69,362.00)		
3-002	Vault and WTP Coordinates	\$ -		
3-003	First Revised Project Start	\$ -		
3-004	Revisions to M330	\$ -		
3-005	Conduit Under Broadway to RPU	\$ (4,452.00)	\$ (5,250.00)	
3-006	Delete Railroad Signal	\$ -	\$ -	
3-007	Move RO Skid	\$ -	\$ -	
3-008	Building Code Revisions to Metal Building	\$ -	\$ 5,518.00	
3-009	Relocation of WTP Due to Right of Way Requirement	\$ 14,873.00	\$ (5,364.00)	
3-010	Modify WTP Due to Zoning Requirements	\$ 13,025.00		
3-011	Public Works Comments	\$ 9,066.00	\$ (4,873.00)	
3-012	Revised Second Start	\$ 995,085.00		
3-013	Fall Crossing at Civic Center Drive	\$ -		
3-014	Additional 3" Conduit To Substation From Broadway	\$ 19,320.00	\$ 2,324.00	
3-015	C322 & C333 Drawing Clarifications	\$ -		
3-016	Site Offices	\$ -		
3-017	3" PVC Conduit - WTP to RPU Manhole	\$ 9,132.00	\$ (9,132.00)	
3-018	Delete Alternate 2 From Original Contract	\$ (4,973.00)		
3-019	Relocate and Insulate Water Services on 6th Street	\$ 84,744.00		
3-020	Increase Mineral Wool Insulation to 7"	\$ 239,492.00	\$ (981.00)	
3-021	Contract Unit Pricing			
3-022	Pipe Procurement Direction for WTP		\$ -	
3-023	Transformer and Transfer Switch Location		\$ -	
3-024	Provide 4" Isolation Valve at WTP		\$ 1,075.00	
3-025	Parking Light Removal and Replacement		\$ -	
3-026	4" Conduit to Substation From Broadway		\$ 5,559.00	
3-027	XHD Hand Hole Lids		\$ 1,589.52	
3-028	Increase Conduit Size to 4" on ITC 014, etc		\$ 56,955.00	
3-029	Communication and Low Voltage Conduits		\$ 3,765.00	
3-030	Electrical Revisions		\$ -	
3-031	4" Conduit from WTP to Broadway		\$ 14,702.00	
3-032	Hardware Modifications		\$ 210.96	
3-033	Delete Cap on 6" CIP Water Main		\$ -	
3-034	Relocate 10 Inch Gas Main at SLP		\$ 19,686.00	
3-035	Nema 4 Pull Box at Vault 10 Location		\$ 2,693.00	
3-036	Buried Pipe Anchor at WTP			
3-037	Concrete Pier Elevation Modification		\$ 8,192.00	
3-038	Rail Road Protective Insurance		\$ 1,798.00	
3-039	Buried Pipe Anchors			
3-040	Main Steam at Prospect Plant			\$ 86,619.00
3-041	Additional Costs for Uncharted Utilities		\$ 2,259.00	
3-042	Dewatering at 6th Street			
3-043	Power for Door Opener			
3-044	Civic Center Drive Opening			
3-045	RR Signalman			
3-046	Remove RR Signal			
3-047	EJ 681 W/Longer Travel			\$ 3,910.00
3-048	Unit Heater Circuit Breaker			
3-049	Vault 8 Revision - Interference with 48" Storm Sewer			
3-050	Not Used			
3-051	City Water Department Directed Broadway Mod			
3-052	Asphalt At Collins Feed			
3-053	City Water Main 6th Street NW and Second Avenue			
3-054	Additional Water Services Along 2nd Avenue			
3-055	Supercedes ITC 039 on Pipe Anchors			
3-056	Vault Three Location Due to Skewd Casings			
3-057	Aluminum Jacket on Exposed Perma Pipe			
3-058	Vault 9 Modifications Due to Skewd Casings			
3-059	Sixth Street Co-ordinates			
3-060	Change Species and Trunk Sizes of Trees			\$ (1,324.00)
3-061	Additional Signage At CVC Drive			\$ 412.00
3-062	Replace Sanitary Sewer at Oakridge Apts.			\$ 372.00
3-063	Additional Insulation of Buried Water Lines			\$ 4,290.00
	Totals	\$ 1,305,950.00	\$ 100,726.48	\$ 94,279.00



Stanley Consultants co.

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

July 12, 2005

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

Dear Mr. Williamson:

Subject: RPU Steam and Condensate Project
Change Order Packet 3-006

The following proposal has been received by Stanley Consultants:

Proposal #	Description	ITC #	Amount
PCO 043	Electrical Duct Bank at Prospect Plant	3-040	\$ 86,619.00
PCO 036	Change Size and Species of Trees	3-060	< \$ 1,324.00 >
PCO 044	Additional Signage at Civic Center Drive	3-061	\$ 412.00
PCO 041	Modify Travel of EJ681	3-047	\$ 3,910.00
PCO 046	Sanitary Sewer at Oakridge Apts	3-062	\$ 372.00
PCO 050	Additional Insulation of Water Mains	3-063	\$ 4,290.00
	Total Amount of Change Order		\$ 94,279.00

After review of the above proposals, it is the recommendation of Stanley Consultants that these proposals be accepted as additions to the contract documents and Knutson Construction Services contract for the RPU Steam and Condensate Project be increased an additional \$ 94,279.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): KCS Proposed Change Order 43
KCS Proposed Change Order 36
KCS Proposed Change Order 44
KCS Proposed Change Order 41

This document was sent electronically

Tom Williamson
March 17, 2005
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KCS Proposed Change Order 46
KCS Proposed Change Order 50

cc: Mr. Derek O'Connor, KCS
Mr. Mark Henthorn, SCI
Mr. Mark Browning, Mayo

GLP



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve Change Order No. 003 to the General Construction RPU Steam Supply Project Contract 02-28-C between Rochester Public Utilities and Knutson Construction Services in the amount of \$94,279.00. This brings the total amount of the contract to \$6,080,955.48.

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

President

Secretary