

FOR BOARD ACTION

Agenda Item # 8

Meeting Date:

4/26/05

SUBJECT:

General Construction RPU Steam Supply Project Contract 02-28-C
Change Order 002

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 is being presented for additions to the scope, adjustments to Change Order 001 costs or items that were not represented accurately in the original bid documents and field adjustments were required. The total being requested in Change Order 002 is \$100,726.48

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.

UTILITY BOARD ACTION REQUESTED:

Staff recommends that the Utility Board approve Change Order 002 to the contract with Knutson Construction Services in the amount of \$100,726.48 for the General Construction RPU Steam Supply Project. This brings the total amount of the contract to \$5,986,676.48

Wally Schlink

Wally Schlink
General Manager

4-22-05

Date

ROCHESTER PUBLIC UTILITIES

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
3-037	Concrete Pier Elevation Modification		\$ 8,192.00
3-038	Rail Road Protective Insurance		\$ 1,798.00
3-041	Additional Costs for Uncharted Utilities		\$ 2,259.00
		\$ 1,305,950.00	\$ 100,726.48



Stanley Consultants co.

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

March 17, 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 3-002

The following proposal has been received by Stanley Consultants:

Proposal #	Description	ITC #	Amount
PCO 020	Increase Insulation Thickness on Perma Pipe	3-020	\$229,415.00
	Total of Change Order		\$229,415.00

The following ITC has been recognized as a no cost issue:
ITC 3-007 RPU Provided Office Space

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 \$229,415.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): KCS Proposed Change Order 20

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

GLP

This document was sent electronically



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 Knutson Construction Services
 Tel: Fax:

9/2/2004 Increase thickness of insulation from 5.5" to 7" on steam line

Change Order Architect/Engineer Directive ITC #20

Provide additional insulation on the steam line to increase the thickness from 5.5" to 7". This is not happened under Broadway.

2/8/05 - Chnged Himecs prices to reflect deletion of additional handling

Summary:

Requested Days	0	Budget	228,415
Approved Days	0	Budget	0

Itemized Details:

Change Order Description	Quantity	Unit	Unit Price	Total Price	Approved	Budget
001 - HMMNC -	9/2/2004		Budget: Apprx Rev	214,185	0	214,185
Increased Insulation Thickness						
Level 002 - KNUJCON -	9/2/2004		Budget: Apprx Rev	10,769	0	10,709
5.00% Subcontractor Markup						
Level 003 - KNUJCON -	9/2/2004		Budget: Apprx Rev	2,249	0	2,249
1.00% Insurance Markup						
Level 004 - KNUJCON -	9/2/2004		Budget: Apprx Rev	2,271	0	2,271
1.00% Bond Markup						



Mechanical Contractor

1400 N.W. 7th Street
Rochester, MN 55901
Phone # 507-281-4000
Fax # 507-281-5206
www.himec.com

1901 N.W. 4th Street
Austin, MN 55912
P: 507-437-4591 F: 507-437-4593

32938 Northfield Blvd.
Northfield, MN 55057
P: 507-645-8414 F: 507-645-4869

Fax #: 280-9797

3 PAGES

Tuesday, February 8, 2005

Derek O'Connor
Knutson Construction
1907 2nd Street SW
Rochester, MN 55902

RE: RPU Steam Supply
CO#2R - Change Perma Pipe Insulation Thickness (ITC#002) - Revised

Dear Derek,

The following is the revised price associated with increasing the insulation thickness on the 12" underground steam line from 5.5 inches to 7 inches. The additional material handling labor has been omitted per Gary Phillips.

Exclusions:

- Excavation
- Backfill

Total Proposed Contract Add: \$214,185.00

Please see the attached sheets for a detailed breakdown of the associated costs. Should you need or desire additional information please feel free to contact me.

Sincerely,


Timothy J. Jungers

TO: Knutson Construction

DATE: 2/8/05

CHANGE ORDER PROPOSAL 2R
 SUBMITTED: _____
 TIME EXTENSION: NONE

JOB #: 6135-02
 NAME: RPU Steam Supply
 ARCHITECT: _____

JOB DESCRIPTION: ITC #002 - Change Insulation Thickness From 5.5 inches to 7 inches
 (Revised per Gary Phillip's comments)

1.	MATERIAL			<u>118,880.00</u>	
2.	EQUIPMENT			<u>0.00</u>	
3.	FREIGHT	0 %		<u>0.00</u>	
4.	SUBTOTAL ON MATERIAL				<u>118,880.00</u>
5.	SALES TAX	7 %			<u>8,321.66</u>
6.	P & O ON MATERIAL	15 %			<u>19,000.37</u>
7.	LABOR	830.1	HOURS @ 51.09	<u>42,466.81</u>	
	LABOR		HOURS @	<u>0.00</u>	
	LABOR		HOURS @	<u>0.00</u>	
8.	INSURANCE	%		<u>0.00</u>	
9.	TRAVEL & SUBSISTENCE			<u>0.00</u>	
10.	DRAYAGE		2 %	<u>2,591.52</u>	
11.	TEST & CLEANUP		3 %	<u>1,274.23</u>	
12.	TOOLS & EQUIPMENT		3 %	<u>1,274.23</u>	
13.	SUPERVISION		10 %	<u>4,246.88</u>	
14.	LABOR SUBTOTAL				<u>51,739.43</u>
15.	P & O ON LABOR	15 %			<u>7,760.91</u>
16.	SUBCONTRACTS				
	A. MECHANICAL INSULATION			<u>4,000.00</u>	
	B. CRANE / LULL				
	C. TEMPERATURE CONTROL				
	D. TEST & BALANCE				
	E. SEWER & WATER				
	F. FIRE PROTECTION				
	G. GENERAL CONSTRUCTION				
17.	SUBCONTRACTOR SUBTOTAL				<u>4,000.00</u>
18.	SUBCONTRACTOR P & O	5 %			<u>200.00</u>
19.	PERMITS	1 %			<u>2,099.83</u>
20.	SPECIAL INSURANCE				<u>2,099.83</u>
21.	BONDS	1 %			<u>2,099.83</u>
22.	MODIFIER				<u>2.17</u>
23.	TOTAL CHANGE				<u>214,185.00</u>

SUBMITTED BY: Tim Jungers



Stanley Consultants co.

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

March 17, 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 3-003

The following proposal has been received by Stanley Consultants:

Proposal #	Description	ITC #	Amount
PCO 014	Additional 3" Conduit To Substation From Broadway	3-014	\$ 21,644.00
PCO 021	4" Conduit from Vault 1 to Existing Business Office	3-026	\$ 5,559.00
PCO 022	XHD Electrical Hand Hole Covers	3-027	\$ 1,589.52
PCO 023	Increase Conduit Size to 4" on ITC014, Add 4" Conduit Run From Electric Manhole to Hand Hole At Vault 3	3-028	\$56,955.00
PCO 025	Communication AND Low Voltage Conduits From Source Transfer Switch Into WTP.	3-029	\$3,765.00
PCO 026	Four Inch Conduit From WTP to Broadway	3-030	\$14,702.00
PCO 029	NEMA 4 Pull Box @ Vault 10 Location	3-035	\$ 2,693.00
	Total Proposed Change Orders		\$106,907.52

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 \$106,907.52.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

This document was sent electronically

Tom Williamson
March 17, 2005
Page 2

Attachments(s): KCS Proposed Change Order 14
KCS Proposed Change Order 21
KCS Proposed Change Order 22
KCS Proposed Change Order 23
KCS Proposed Change Order 25
KCS Proposed Change Order 26
KCS Proposed Change Order 29

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

GLP



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 **Knutson Construction Services**

Tel: Fax:

PCO #: 074 9/31/2004 Additional 3" conduit from fiber ductbank to substation

Category: Reason: ITC #14

Change Order Architect/Engineer Directive

Notes: Estimated Revenue: \$0.00

Additional 3" conduit from fiber duct bank to substation.

2/23/05 - Added cost to get HD hand hole box covers.

Summary:

Requested Date	Approved Date	Approved	Applied
0	0	21,844	21,844

Itemized Details:

Item Description	Date	Budget	Apprx Rev
001 - FRACON -	9/1/2004	0	0
Excavation changes			
002 - FOSELE -	9/1/2004	18,893	18,893
Electrical changes			
003 - KNUCON -	9/14/2004	1,200	1,200
Concrete rings around Hand Hole covers, Labor and material of \$200 each			
004 - KNUCON -	9/14/2004	180	180
15% Knutson OH & P			
Level 002 - KNUCON -	9/1/2004	845	845
5.00% Subcontract Markup			
Level 003 - KNUCON -	9/1/2004	212	212
1.00% Insurance Markup			
Level 004 - KNUCON -	9/1/2004	214	214



Potential Change Orders
Detailed, Grouped by Each Number

1.00% Bond Markup



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 014

Date August 30, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

From the existing fiber duct bank manhole at the southwest corner of Broadway and Sixth Street NW, the Contractor is to install a 3" conduit to the substation. This conduit shall terminate in close proximity to the other fiber at the substation.

While the new 3" conduit does not need to have hand holes at each steam manhole, the Contractor shall install the appropriate number of hand holes to pull fiber cable.

This 3" conduit shall not cross Civic Center Drive.

The Contractor shall install another 2" conduit, crossing Civic Center Drive, from the Prospect plant to the substation. This 2" conduit shall follow the route of the existing conduit.

Conduit specifications shall match that of the currently specified communications conduit.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 

Gary L. Phillips

Foster Electric Company

538 6th Avenue NW
Rochester MN
(507) 289-4571 Fax: (507) 289-4572

Fax

Derek
 To: *Knutson Const Services* From: *Buster*
 Fax: *280-9700* Pages: *1*
 Phone: _____ Date: *2-23-05*
 Re: *JTC-14 + JTC-31* CC: *Steamline Project*
 Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

*JTC-14 Add For ⁴⁰ Boxes & Covers *107 Ea \$256.⁰⁰*

JTC 31 Add For 3 Box W.D. Cans. 107 Ea \$321.⁰⁰

Buster

Foster Electric Company

538 6th Avenue NW

Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

FAXED

To: Depek Kautzen From: Buster

Fax: 280-9797 Pages: 2

Phone: 280-9788 Date: 9-20-04

Re: Break down CC: Stream Line

Urgent For Review Please Comment Please Reply Please Recycle

JTC-014

• Comments:

2100' - 3" PVC Conduit	2076. -
3" - 90° Elbs.	17. -
Couplings, glue, Tie Wire, Spacers	156. -
Pull Wire	40. -
6 Hand holes & Covers.	3400. -
2" PVC Conduit	97. -
90° Elbs	14. -
DRILL Prospect Well + Seal Conduit	110. -
Labor	9360. -
Sale Tax	415. -
15% MARK-UP	2354. -
	<u>18037. -</u>



Potential Change Orders

Detailed, Grouped by Each Number

Project # 2045 Knutson Construction Services

Tel: Fax:

RPU Steam Supply

11/18/2004 3" Conduit from communication to utility

Category: 021 Stanley Consultants ITC #28

Change Order: Architect/Engineer Directive

Notes: Contractor is to install one 4" conduit from the communication manhole at visit 1 to inside the old business office. Locate the entry point into the old business office approximately 23 feet from the south wall of the building. Conduit specifications shall match that of his currently specified communications conduit.

2/23 - Removed concrete sidewalk replacement. There is added pavement removal and replacement due to the additional layback area required for digging in this conduit.

Summary:

Approved	0	Budget:	5,559
0	0		5,559

Itemized Details:

General Description	11/18/2004	1/3/2005	Budget:	Apprx Rev
001 - FOSELE - Electrical Revisions			5,180	0
002 - FRACON - Excavation Revisions			0	0
Level 003 - KNUGCON - 5.00% Profit Markup			280	0
Level 003 - KNUGCON - 1.00% Insurance Markup			55	0
Level 004 - KNUGCON - 1.00% Bond Markup			55	0



INSTRUCTION TO CONTRACTOR

RPU Steam Supply

Project

Project No. 15545.03

Knutson Construction Services

Contractor

Contract No. 3A

General Construction

Contract Description

Instruction No. 026

Date November 10, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Contractor is to install one 4" conduit from the communication manhole at Valve Vault 1 to inside the old business office. Locate the entry point into the old business office approximately 23 feet from the south wall of the building. Conduit specifications shall match that of the currently specified communications conduit.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY:

Gary L. Phillips

Foster Electric Company

538 6th Avenue NW

Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

To: Derek From: Buster
 Fax: _____ Pages: 1
 Phone: _____ Date: 12-20-07
 Re: Pieces, Metal CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

Hand hole to old office Bldg - New P.C.O. # 0231

• Comments:

2011 Bldg Wall 6" - (1)	50. ⁰⁰
Link seals (1-Double)	100. ⁰⁰
7" P.V.C. Conduit (210')	315. ⁰⁰
Steel 4" Ell (1)	45. ⁰⁰
4" Steel Cond (10')	160. ⁰⁰
PVC to Steel Coup. (2)	8. ⁰⁰
Bell Ends (4)	14. ⁰⁰
4" PVC Coup. (20)	60. ⁰⁰
4" PVC 45° Bend (2)	22. ⁰⁰
Tapes & Rope Pull Lot	50. ⁰⁰
glue + Misc Lot	15. ⁰⁰

MAT 924.⁰⁰
 3588

 4512.⁰⁰
 678. 15 70

 \$5190.⁰⁰ = Total

370
 790 TRK

 839.
 25 -
 864
 60

 924.⁶⁶



1907 2nd Street SW
 Rochester, MN 55902
 507/280-9788
 507/280-9797 Fax
 www.knutsonconstruction.com

November 22, 2004

Mr. Gary Phillips
 Stanley Consultants
 % RPU
 4000 East River Road
 Rochester, MN 55906-2813

RE: Notice to Proceed
 Potential Change Order # 022
 Document Number 037
 RPU Steam Supply-2045

Dear Mr. Phillips,

This letter is to request authorization to proceed with the following extra work:

PCO Number: 022
 Date: 11-Nov-04
 Description: Manhole Covers Details
 Proposed Amt: \$1,589.52
 Days Requested: 0
 Reference: Stanley Consultants ITC #27
 Notes: Reference : E321, Quazite Hand hole Detail.

In Lieu of the Quazite heavy duty cover (part #PG2436HA00) with a design load rating of 15,000#s and test load rating of 22,568#, the contractor is to install the Quazite Extra Heavy Duty Cover (w/two bolts), part #PG2436EH00, with a design load rating of 22,500# and a load rating of 33,750#.

The three covers around valve vault 1 shall remain the heavy duty cover, part #PG2436HA00.

This PCO is comprised of the following items:

Item Number	Description	Proposed Amt	Contractor
001	Manholes covers	\$1,484.00	Foster Electric Co.
Level 002	5.00% Profit Markup	\$74.20	Knutson Construction Services
Level 003	1.00% Insurance Markup	\$16.58	Knutson Construction Services
Level 004	1.00% Bond Markup	\$16.74	Knutson Construction Services

Total: \$1,589.52

Please sign below and return a copy of this letter to indicate your acceptance of this extra work and to authorize us to proceed immediately. As per the terms and conditions of our contract we will incorporate these changes into a formal change order to be issued at a later date. If you have questions or concerns please contact the undersigned at 507-280-9788.

Respectfully,

Derek O'Connor

Accepted by:

Date: _____

Minneapolis, MN • Iowa City, IA • Rochester, MN

AN EQUAL OPPORTUNITY EMPLOYER



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 027

Date November 10, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: E321, Quazite Handhole Detail

In lieu of the Quazite heavy duty cover (Part #PG2436HA00) with a design load rating of 15,000#s and test load rating of 22,568#, the contractor is to install the Quazite Extra Heavy Duty Cover (with two bolts), Part #PG2436HH00, with a design load rating of 22,500# and a test load rating of 33,750#.

The three covers around Valve Vault 1 shall remain the heavy duty cover, Part #PG2436HA00.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 
Gary L. Phillips

Foster Electric Company

538 6th Avenue NW
Rochester MN
(507) 289-4571 Fax: (507) 289-4572

Fax

Denk

To: *Kautzer Const Co* From: *Buster*

Fax: *280-~~977~~9797* Pages: *1*

Phone: *280-9708* Date: *11-18-04*

Re: _____ CC: _____

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

• Comments: *PCO. Number #022*

Reference: *E321*

Change Quarzite Box Covers

From PG 2436 HA00 To PG 2436 WH00

\$ 92.⁰⁰ Each Cost

+15% $\frac{14}{106.^{00}}}$ Each X 14 Boxes

\$ 1484.⁰⁰ TOTAL

Buster



1907 2nd Street SW
Rochester, MN 55902
507/280-8788
507/280-8787 Fax
www.knutsonconstruction.com

Thursday, November 11, 2004

Mr. Miner Bussell
Foster Electric Co.
538 5th Avenue N.W.
Rochester, MN 55901

RPU STEAM SUPPLY- K.C.S. #2045

Dear Mr. Bussell,

We request Foster Electric Co. provide a quotation referencing the following PCO Number 022 for changes in scope as follows:

Reference : E321, Quazite Handhole Detail.

In Lieu of the Quazite heavy duty cover (part #PG2436HA00) with a design load rating of 15,000#s and test load rating of 22,568#, the contractor is to install the Quazite Extra Heavy Duty Cover (w/two bolts), part #PG2436HH00, with a design load rating of 22,500# and a load rating of 33,750#.

The three covers around valve vault 1 shall remain the heavy duty cover, part #PG2436HA00.

Please forward a detailed written quotation to my attention no later than 11/19/2004. Failure to reply by this date will be interpreted as a "NO COST / NO SCHEDULE IMPACT" response from your organization. If during your review of enclosed information questions arise, please do not hesitate to telephone.

Respectfully Submitted,

KNUTSON CONSTRUCTION SERVICES, INC.

Derek O'Connor
Project Manager

Enclosure: Stanley Consultants ITC #27

c: P.C.O. File #022



Potential Change Orders

Detailed, Grouped by Each Number

Project # 2045
Tel: Fax:

RPU Steam Supply
Knutson Construction Services

PCO# 024	11/12/2004	Financial Changes
CA# 001	Rabbit	Electrician
Change Order	Architect/Engineer Directive	Utility Consultants ITC #28
NO#		Revamp

Reference: ITC#14, dated August 30, 2004

1. The contractor is to install 4" conduit rather than the 2" and 3" originally requested.
2. The contractor, before installation of the manholes, is to define the location of the handholes.
3. The contractor is to add a 4" conduit from the electric manhole on the west side of roadway to the handholes added by ITC #14.
4. The handholes should be Quazite part # PG24388B30, with the covers being Quazite part #PG24395H100. The covers should be identified "Utility" in the logo area.
5. The handholes shall be installed per details E321.

2/23 - Changed to include Concrete around handhole boxes

Summary:

Requested by	0	Budget:	58,855
Approved by	0	Budget:	0
Approved	0	Budget:	58,855

Itemized Details:

Code	Description	Date	Budget	Apprx Rev
001 - FOSELE -	Electrical Revisions	11/18/2004	51,348	0
002 - FRACON -	Excavation Revisions	11/18/2004	0	0
003 - KNUJCON -	Concrete ring around handhole boxes. Labor and material of \$200 each	11/25/2004	1,800	0
004 - KNUJCON -	16% Knutson OH & P	11/25/2004	240	0



Potential Change Orders
Detailed, Grouped by Each Number

	1/31/2005	Budget:	Apprx Rev	2,844	0	2,844
Level 002 - KNUJCON -						
5.00% Profit Markup						
Level 003 - KNUJCON -	1/31/2005	Budget:	Apprx Rev	588	0	588
1.00% Insurance Markup						
Level 004 - KNUJCON -	1/31/2004	Budget:	Apprx Rev	584	0	584
1.00% Bond Markup						



INSTRUCTION TO CONTRACTOR

RPU Steam Supply

Project

Project No. 15545.03

Knutson Construction Services

Contractor

Contract No. 3A

General Construction

Contract Description

Instruction No. 028

Date November 10, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: ITC 014, Dated August 30, 2004

1. The contractor is to install 4" conduit rather than the 2" and 3" originally requested.
2. The contractor, before installation of the handholes, is to define the location of the handholes.
3. The contractor is to add a 4" conduit from the electrical manhole on the west side of Broadway to one of the handholes added by ITC 014.
4. The handholes should be Quazite Part Number PG2436BB30, with the covers being Quazite Part Number PG2436HH00. The covers should be identified as "Utility" in the logo area.
5. The handholes shall be installed per details on E321.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY:

Gary L. Phillips

ITC #28

Foster Electric Company

538 6th Avenue NW

Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

To: Dennis From: Buster

Fax: _____ Page: 1

Phone: _____ Date: 12-20-04

Ref: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

ITC-28-PC028 Add 4" PVC Prospect To Sub Station

• Comments:

220'	4" PVC Conduit	330.00
2	Bell Ends	14.-
4	4" Steel Elbs	180.00
8	PVC to steel Comp	24.00
3	Link Seals	300.-
1	DRILL 6" Hole Prospect ^{Wells}	100.-
20'	4" PVC Comp	60.-
20'	4" Rigid steel Cond	300.-
2	4" " " 45° Bends	90.-
Lot	Chairs - Spacers - Pull Rope	300.-
	Magnetic Tape	50.-
		<u>1768.-</u>
Material Costs	390.-	53.-
	STAX	127.60
	Mat Cost	<u>2948.50</u>
Labor		4940.-
		<u>6588.50</u>
1570		1033.27
Total		<u>5975</u>

Total 7922 -
 (deduct) 2600 -
 (2" Cond)
5322 =

ITC #28

Foster Electric Company

538 6th Avenue NW
Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

To: Derrek From: Bush
 Fax: _____ Pages: 1
 Phone: _____ Date: 12-20-04
 Rec: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

Substation To Hand Box - Broadway & 6th

• Comments:

2200'	4" PVC Conduit	3300.-
	Bell Ends	114.-
8	4" Steel 90° Elbs	360.00
32	PVC to Steel Comp.	96.00
50	4" PVC to PVC Comp	150.00
8	Hand Hole Boxes	4200.-
8	+ H. D. Covers	1440.-
16	4" Rigid Steel Cond	800.-
16	4" Rigid 45° Bends	720
20	Chairs - Magnetic Tapes, Rope	1000
20	Link Seals	2000
16	2-PVC + fittings To Hand Box	800.
		<u>14980</u>
	3% -	450
	Tax	75430
		1080
		<u>16510</u>
	Labor	35821
		<u>52291</u>

52391.00 Extra
 7858.56 net off
 60250 Total
 - 18150

 \$42,100.00

Added Handholes

Item Number	Item Description	Quantity	Unit	RS Means Material Cost	Total RS Means Material Cost	RS Means Unit Labor	RS Means Cost/Unit	Total Labor Cost/Unit	Reported Material Costs	Reported Labor Costs	Variance Material	Variance Labor
1	4" PVC Conduit	2200	ft	\$ 7.45	\$ 16,390.00	0.178	391.60	\$ 20,167.40	\$ 3,300.00	\$ -	\$ (13,090.00)	\$ -
2	4" Bell Ends	16	ea	\$ 7.00	\$ 112.00	0.727	11.63	\$ 599.05	\$ 114.00	\$ -	\$ 2.00	\$ -
3	4" Steel 90 Degree Elbows	8	ea	\$ 128.00	\$ 1,024.00	2	16.00	\$ 824.00	\$ 360.00	\$ -	\$ (664.00)	\$ -
4	4" pvc to Steel Coupling	32	ea	\$ 11.80	\$ 377.60	0.727	23.26	\$ 1,188.10	\$ 96.00	\$ -	\$ (281.60)	\$ -
5	4" PVC to PVC Couplings	50	ea	\$ 11.80	\$ 590.00	0.727	36.35	\$ 1,872.03	\$ 150.00	\$ -	\$ (440.00)	\$ -
6	Hand Hole Boxes	8	ea	\$ 625.00	\$ 4,200.00	10.526	84.21	\$ 4,338.71	\$ 4,200.00	\$ -	\$ -	\$ -
7	HD Hand Hole Lids	8	ea	\$ 180.00	\$ 1,440.00	0	0.00	\$ -	\$ 1,440.00	\$ -	\$ 352.00	\$ -
8	4" rigid Steel Conduit	16	ft	\$ 28.00	\$ 448.00	0.4	6.40	\$ 329.60	\$ 800.00	\$ -	\$ (1,328.00)	\$ -
9	4" Rigid 45 Degree Bands	16	ea	\$ 128.00	\$ 2,048.00	2	32.00	\$ 1,648.00	\$ 720.00	\$ -	\$ (6,900.00)	\$ -
10	Link Seals	20	ea	\$ 445.00	\$ 8,900.00	4	80.00	\$ 4,120.00	\$ 2,000.00	\$ -	\$ -	\$ -
11	2" PVC fittings to vaults	16	ea	\$ 50.00	\$ 800.00	0	0.00	\$ -	\$ 800.00	\$ -	\$ -	\$ -
12	Misc	1	ft	\$ 1,000.00	\$ 1,000.00	0	0.00	\$ -	\$ 1,000.00	\$ -	\$ -	\$ -
								\$ 35,084.88	\$ 14,980.00	\$ 35,881.00	\$ (22,349.80)	\$ -

Material 14,980
 Adder 448
 Tax 1,080
 Total Material 16,508
 Labor 35,881
 Total Material and Labor 52,390
 OH & P 7859
 Total Change Order 60,249

ITC #28

Foster Electric Company

538 6th Avenue NW

Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

Knutson

To: <i>Fleck -</i>	From: <i>Foster</i>
Fax:	Pages: <i>1</i>
Phone:	Date: <i>12-20-04</i>
Ref:	CC:

Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

Hand Del To Com. Man. Mr. Brennan, 6th Fl.

• Comments:

60/4" PVC Conduit	90. ⁰⁰
4 Couplings	12. ⁰⁰
2 Bell Ends	14. ⁰⁰
1 Steel 90° Elb.	45. ⁰⁰
2 Steel 45° Bends	90
1 Drill Man. hole Wall 6"	50.-
2 Link seals	2.00 -
4 PVC To Steel Comp.	12 -
20 1/2" Rigid Steel Cond	320.-
4 Magnetic Tape - Rope	50.-
	<hr/>
	883. ⁰⁰
	26. ⁰⁰
	63.70
	<hr/>
	973.-
	50.-
	<hr/>
	1023. ⁰⁰
	2391.-
	<hr/>
	2414.-

\$1023⁰⁰ Mat
2391⁰⁰ Labor

\$3414 -
512 - 15%

\$3926⁰⁰

Trucks Hauling

Installation Fee

Item Number	Item Description	Quantity	Unit	RS Means Material Cost	Total Material RS Means	RS Means Unit Labor	Total Labor RS Means	Total Labor w/ Contractor Costs / hour	Reported Material Costs	Reported Labor Costs	Variance Material	Variance Labor
1	4" PVC Conduit	60	ft	\$ 7.45	\$ 447.00	0.178	10.68	\$ 550.02	\$ 90.00	\$	\$ (357.00)	
2	4" Couplings	4	ea	\$ 11.80	\$ 47.20	0.727	2.91	\$ 148.76	\$ 12.00	\$	\$ (35.20)	
3	4" Bell Ends	2	ea	\$ 7.00	\$ 14.00	0.727	1.45	\$ 74.88	\$ 14.00	\$	\$	
4	4" Steel 90 Degree Elbow	1	ea	\$ 128.00	\$ 128.00	2	2.00	\$ 103.00	\$ 45.00	\$	\$ (83.00)	
5	4" Steel 45 Degree Elbow	2	ea	\$ 128.00	\$ 256.00	2	4.00	\$ 206.00	\$ 80.00	\$	\$ (186.00)	
6	Core Drill 6" Hole	1	ea	\$ 8.80	\$ 8.80	1.43	1.43	\$ 73.65	\$ 50.00	\$	\$ 41.20	
7	Link Seals	2	ea	\$ 445.00	\$ 890.00	4	8.00	\$ 412.00	\$ 200.00	\$	\$ (680.00)	
8	PVC to Steel Coupling	4	ea	\$ 11.80	\$ 47.20	0.727	2.91	\$ 148.76	\$ 12.00	\$	\$ (35.20)	
9	4" Ridgid Steel Conduit	20	ft	\$ 28.00	\$ 560.00	0.4	8.00	\$ 412.00	\$ 320.00	\$	\$ (240.00)	
10	magnetic tape	100	ft	\$ 1.43	\$ 143.00	0.063	5.30	\$ 272.95	\$ 50.00	\$	\$ (93.00)	
									\$ 883.00	\$ 2,391.00	\$ (1,658.20)	\$ (13.02)

Derek OConnor

From: Gary Rueter [gary@fraserconstruction.com]

Sent: Tuesday, November 30, 2004 5:21 PM

To: Derek OConnor

Subject: PCO #23

No Impact

12/2/2004



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply **Knutson Construction Services**
 Project # 2045
 Tel: Fax:
 PCO #: 025 Control to Transfer Switch
 Category: Stanley Consultants RFI #14 and ITC #29
 Change Order: Architect/Engineer Directive

See the attached RFI #14 and ITC #29

Summary:

Requested Days:	0	Budget:	3,765
Approved Days:	0	Approved:	3,765

Itemized Details:

003 - FOSELE -	11/23/2004	1/3/2005	Budget:	Approx Rev	3,516	0	3,516
Electrical Costs							
Level 002 - KNUJCON -	1/3/2005		Budget:	Approx Rev	176	0	176
5.00% Profit Markup							
Level 003 - KNUJCON -	1/3/2005		Budget:	Approx Rev	37	0	37
1.00% Insurance Markup							
Level 004 - KNUJCON -	1/3/2005		Budget:	Approx Rev	37	0	37
1.00% Bond Markup							



INSTRUCTION TO CONTRACTOR

RPU Steam Supply

Project

Project No. 15545.03

Knutson Construction Services

Contractor

Contract No. 3A

General Construction

Contract Description

Instruction No. 029

Date November 11, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: RFI #014, Stanley Drawing E303, Rev 2.

The contractor is to install 2 - 2" conduits from the source transfer switch to inside the building. Route one of these conduits to the main service switchgear area. The second conduit should be routed to the communications and control panel area. Installation and materials should conform to contract specifications, Minnesota and Municipal Codes, and generally accepted industry installation practices.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY:


Gary L. Phillips



REQUEST FOR INFORMATION

RFI No.: 14

Contract No. and Name:	3A General Construction	Date:	November 11, 2004
Contractor:	Knutson Construction	Owner:	RPU
Engineer:	Stanley Consultants		

Subject:	Control to Transfer Switch		
Drawing Reference:		Spec Section:	16000
Information Required (Be Specific):			
There has to be some conduit for the RPU Control to the new source transfer switch. Conduit must be put in concrete base - before concrete is poured. Let us know - size and routing to where RPU will have control & low Voltage power to make it operate..			
Contractor Representative Derek O'Connor		Date 11/10/04	
Reply: Install 2 - 2" Conduits from the source transfer switch are to inside the building. Route one of these conduits to the main service switchgear area. The second conduit should be routed to the communications and control panel area. Installation and materials should conform to contract specifications, Minnesota and Municipal Codes, and generally accepted Industry installation practices.			
		November 11, 2004	
Gary L. Phillips Engineer Representative		Date	

THIS IS NOT A CHANGE IN SCOPE AUTHORIZATION. IF, IN YOUR OPINION, THIS RESPONSE INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR A NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

Foster Electric Company

538 6th Avenue NW
Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

Derek

To: <i>Knutson Co</i>	From: <i>Buster</i>
Fax: <i>280-7779 9797</i>	Pages: <i>1</i>
Phone: <i>280-9788</i>	Date: <i>11-18-04</i>
Re:	CC:

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

Instruction No. 029

• Comments:

R.F.I #014 - Communication Conduits A.C. Switch

2" PVC Conduit, Elb. Caps. + Plugs - Drill holes thru Foundation

Material + Labor \$ 3057.⁰⁰

+1570 458.⁰⁰

\$3515.⁰⁰

No Costs Included For FRASER or Knutson work -

Buster



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2043 Knutson Construction Services
 Tel: Fax:

PCO # 028 4" concrete form walls to maintain size of box area
 Change Order Architect/Engineer Directive ITC #31

Please refer to attached ITC #31
 Revised for General Conditions, Heavy Duty handholds box lids and concrete rings around handholes.

Summary:
 Requested Budget: 0 Budget: 14,702 0 14,702

Itemized Details:

Item Description	Date	Budget	Approx Rev
001 - KNUJCON - Concrete rings around Handholes, Labor and Materials of \$200 each	11/24/2004	600	0
002 - FRAACON - Concrete rings around Handholes, Labor and Materials of \$200 each	11/24/2004	1,382	0
Excavation Changes			
003 - FOSELE - Excavation Changes	11/24/2004	11,877	0
Electrical Changes			
004 - KNUJCON - Electrical Changes	12/2/2004	80	0
15% Knutson OH & P			
Level 002 - KNUJCON - 15% Knutson OH & P	1/3/2005	888	0
6.00% Profit			
Level 003 - KNUJCON - 6.00% Profit	1/3/2005	144	0
1.00% Insurance Markup			
Level 004 - KNUJCON - 1.00% Insurance Markup	1/3/2005	148	0
Total		14,702	0



**Potential Change Orders
Detailed, Grouped by Each Number**

1.00% Bond Markup

Foster Electric Company

538 6th Avenue NW
Rochester MN
(507) 289-4571 Fax: (507) 289-4572

Fax

Derek
 To: *Knutson Const Services* From: *Buster*
 Fax: *280-9700* Pages: *1*
 Phone: _____ Date: *2-23-05*
 Re: *JTC-14 + JTC-31* CC: *Streamline Project*

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

~~JTC-14 Add for Boxes + Covers 107 Ea \$56.⁰⁰~~

JTC 31 Add for 3 Box W.D. Cans. 107 Ea \$31.⁰⁰

Buster

Foster Electric Company

538 6th Avenue NW
Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

To: Knudsen - Derek From: B. Watson
Fax: _____ Pages: 1
Phone: _____ Date: 12-20-04
Rec: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

P.C.O.-026-etc-31- C&T Handled To W.T. Bldg -

• Comments: All Drilling Under Bldg & Runway + Cement Work By Knudsen

800'	4" PVC Conduit Lch 40	12.00
	4" PVC Conduit 20' x 2' CAPS	27.00
20	4" PVC 10' Steel 20'	12.00
4	4" Steel 90° Elb	184.00
4	4" Steel 45° Elb	22.00
6	4" Steel 45° Elb	28.00
4	Ball SW	20.00
	Spare + Misc. Tools (1)	187.00
3	Added Quantity Runway + Bldg	50.00
	Drill W.T. Bldg Wall - 6" Dia	150.00
	Full wire. g. + Track	577.00
	3" x 6" x 12" Jct	102.00
	5" x 5" x 12" Jct	27.00
	10' x 10' x 12" Jct	110.00
	2" x 2" x 12" Jct	27.00
	3" x 3" x 12" Jct	27.00
	4" x 4" x 12" Jct	27.00
	5" x 5" x 12" Jct	27.00
	6" x 6" x 12" Jct	27.00
	7" x 7" x 12" Jct	27.00
	8" x 8" x 12" Jct	27.00
	9" x 9" x 12" Jct	27.00
	10" x 10" x 12" Jct	27.00
	11" x 11" x 12" Jct	27.00
	12" x 12" x 12" Jct	27.00
	13" x 13" x 12" Jct	27.00
	14" x 14" x 12" Jct	27.00
	15" x 15" x 12" Jct	27.00
	16" x 16" x 12" Jct	27.00
	17" x 17" x 12" Jct	27.00
	18" x 18" x 12" Jct	27.00
	19" x 19" x 12" Jct	27.00
	20" x 20" x 12" Jct	27.00

1215.00
+ 1080.00
792.00
3749.00
DTC# - 3749
5 \$11,356



FRASER CONSTRUCTION CO.

3725 Enterprise Dr. SW Rochester, MN 55902 507/288-6583 Fax: 507/282-1148

Knutson Construction Services
RPU Steam Tunnel
PCO #25, ITC #31 - 4" Directional Bore Across Broadway
Rochester, Minnesota

CHANGE REQUEST

COST SUMMARY

PCO #25

- Credit (3) 2" Directional Bores Across Broadway
- Bore (2) 2" and (1) 4" Conduits Across Broadway

a.	Subcontractor Credit	-	\$4560.00
b.	Subcontractor New Quote		\$5886.16
c.	Net Difference		\$1326.16
d.	Subcontractor Markup (5% x f)	\$	66.31
h.	Total Change for PCO #25, ITC #31	ADD	\$ 1392.00

If you have any questions, please call me at (507) 288-6583.

Sincerely,

Gary J. Ruelter
Project Manager



December 1, 2004

Mr. Gary Rueter
Fraser Construction Co.
3725 Enterprise Dr. SW
Rochester, MN. 55902

Project Quotation

RE: Project Directional Bore Broadway (Hwy 63) Mayo Steam Project

Mr. Gary Rueter:

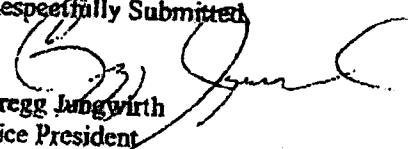
We are pleased to quote the above project as follows:
Directional Bore 2-2" HDPE SDR-11 & 1-4" HDPE SDR-13.5
Total : \$ 5,886.15

Special Conditions:

- > Mastec to furnish and install 2" & 4" HDPE Pipe
- > Any and All excavation and Restoral by others if needed.
- > Rock is NOT included in quote, if encountered it will be an extra cost.

If you have any questions please feel free to contact me at the office at 651-426-2068.

Respectfully Submitted


Gregg Jungwirth
Vice President

REFERENCE ITC #15 FOR DIRECTIONAL BORE CREDIT.



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 Knutson Construction Services
 Tel: Fax:

1/3/2005
 Category: Architect/Engineer Directive Stanley Consultants ITC #35
 Change Order
 Notes:

Contractor to install 1 NEMA 4 rated junction box, above ground, on or about the precipitator, at an location and orientation that is agreeable w/ the owner and is accessible.

Summary:

0	0	2,683	0	2,683
---	---	-------	---	-------

Itemized Details:

001 - FOSELE -	1/17/2005	1/3/2005	Budget:	Apprx Rev	2,514	0	2,514
Electrical Changes							
Level 002 - KNUCON -	1/3/2005		Budget:	Apprx Rev	126	0	126
5.00% Profit Markup							
Level 003 - KNUCON -	1/3/2005		Budget:	Apprx Rev	26	0	26
1.00% Insurance Markup							
Level 004 - KNUCON -	1/3/2005		Budget:	Apprx Rev	27	0	27
1.00% Bond Markup							



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 035

Date December 22, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: Stanley Drawing E302, RFI #028 Response

Contractor is to install one (1) NEMA 4 rated junction box, above ground, on or about the precipitator, at a location and orientation that is agreeable with the OWNER and is accessible. This accessory should be sized sufficiently to allow for two 3" conduits to enter the bottom of the box and two 3" conduits to exit the top of the box.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 
Gary L. Phillips

Foster Electric Company

538 6th Avenue NW
Rochester MN

(507) 289-4571 Fax: (507) 289-4572

Fax

Derek O'Conner

To: Knutson Const Co From: Buster

Fax: 280-9797 Pages: 1

Phone: 280-9788 Date: 1-3-05

Re: JTC-035 CC: ~~Re: Mem~~ - Mem 4 J Box at Percipitation

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

30" H. - 24" W X 8" D - NEMA 4 Junction Box
Cutting - 4 - 3 1/2 Holes In Box - (2 in Top + 2 in Bottom)
Furnish + Install 3" WaterTite Nuts In Top.
Locknuts + Bushings as required,
Steel Angle Iron To Hold Box + Welding By Nines Included.

Material Costs	1212. ⁰⁰
3% Misc	36. ⁰⁰
7% Sales Tax	88. ⁰⁰
Foster Installation	850. ⁰⁰
	<hr/>
	2186. ⁰⁰
+ 15% Off + Markup	328. ⁰⁰
	<hr/>
	\$2514. ⁰⁰ Total

Buster



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

March 22, 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 3-004

The following proposal has been received by Stanley Consultants:

Proposal #	Description	ITC #	Amount
PCO 011	Public Works Comments	3-011	\$ 4,193.00
PCO 027	Hard Ware Modification	3-032	\$ 210.96
PCO 032	Rail Road Protective Insurance	3-038	\$ 1,798.00
PCO 104	Concrete Pier Elevation Modifications	3-037	\$ 8,192.00
	Total Proposed Change Orders		\$14,393.96

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 \$14,393.96.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): KCS Proposed Change Order 011
KCS Proposed Change Order 027
KCS Proposed Change Order 032
KCS Proposed Change Order 104

This document was sent electronically



Potential Change Orders

Detailed, Grouped by Each Number

Project # 2045
 Tel: Fax: Knutson Construction Services

RPU Steam Supply

7/28/2004 (No revisions to drawings per public works comments)

Change Order Architect/Engineer Directive

Incorporating latest public works comments.

2/8 - Revised number to delete electrical changes per Busbar.

Summary:

Requested Days	0	Budget:	4,183	0	4,183
----------------	---	---------	-------	---	-------

Itemized Details:

General Description	Original Date	Original Budget	Original Apprx Rev	Original Budget	Original Apprx Rev		
001 - KNUTCON -	7/28/2004	8/31/2004	Budget	Apprx Rev	1,486	0	1,486
Concrete revisions (additional 86 LF curb and Gutter)	7/28/2004	9/1/2004	Budget	Apprx Rev	2,277	0	2,277
002 - FRACON -	7/28/2004	9/1/2004	Budget	Apprx Rev	0	0	0
Excavation revisions	7/28/2004	9/1/2004	Budget	Apprx Rev	0	0	0
003 - HIMINC -	7/28/2004	9/1/2004	Budget	Apprx Rev	0	0	0
Mechanical revisions	7/28/2004	9/1/2004	Budget	Apprx Rev	224	0	224
004 - FOSELE -	7/28/2004	9/1/2004	Budget	Apprx Rev	114	0	114
Electrical revisions	7/28/2004	9/1/2004	Budget	Apprx Rev	41	0	41
Level 001 - -			Budget	Apprx Rev			
15.00% Knutson Work Markup			Budget	Apprx Rev			
Level 002 - -			Budget	Apprx Rev			
5.00% Subcontractor Markup			Budget	Apprx Rev			
Level 003 - -			Budget	Apprx Rev			

Potential Change Orders
Detailed, Grouped by Each Number



	Budget	Apprx Rev	
1.00% Insurance Markup			
Level 004 - -		42	42
1.00% Bond Markup			



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 011

Date July 15, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other – For submittal to Public Works for Water Treatment Building construction permit.

1. Incorporate the following revision to the Project Manual:

DRAWINGS

The following drawings have been revised, as indicated by revision number, and are reissued herewith.

<u>Drawing No.</u>	<u>Title</u>	<u>Rev. No.</u>
15545-C303	Utility Relocation Plan – Sheet 3	2
15545-C313	Utility Relocation Plan – Sheet 13	2
15545-C314	Utility Relocation Plan – Sheet 14	2
15545-C316	Utility Relocation Details – Sheet 2	1
15545-C317	Utility Relocation Details – Sheet 3	1
15545-C320	Surface Restoration and Landscaping Plan – Sheet 3	2

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: _____
Mark Henthorn

15545-C321	Surface Restoration and Landscaping Plan – Sheet 4	3
15545-C331	Water Treatment Building Site Plan	4
15545-C332	Surface Restoration Details – Sheet 1	1
15545-D303	Surface Demolition Plan – Sheet 3	2
15545-D304	Surface Demolition Plan – Sheet 4	2
15545-D319	Utility Demolition Plan – Sheet 3	2
15545-D320	Utility Demolition Plan – Sheet 4	3
15545-M312	Mechanical Plan and Profile – Sheet 3	3
15545-M313	Mechanical Plan and Profile – Sheet 4	3
15545-S304	Water Treatment Building Slab On Grade Plan	1

The above drawing, 15545-C331 Water Treatment Building Site Plan, is intended for submittal to the Public Works Department in response to their review comments on the relocation of the Water Treatment Building. The remaining drawings are modified to reflect the 0.5 foot increase in building floor elevation to resolve a plan check comment.



FRASER CONSTRUCTION CO.

3725 Enterprise Dr. SW Rochester, MN 55902 507/288-6583 Fax: 507/282-1148

Knutson Construction Services
RPU Steam Tunnel
ITC #11 Incorporate Latest Public Works Comments
Rochester, Minnesota
9-1-04

CHANGE REQUEST

COST SUMMARY

ITC #11

	<ul style="list-style-type: none"> • Raise the Floor Slab Elevation of the Water Treatment Building and Surrounding Grades to Elevation 99'1" - 6". • 510 lineal feet of Silt Fence was anticipated and included in Base Bid 	
a.	Materials (180 cy/v of sand)	\$1350.00
b.	Labor & Equipment	\$ 630.00
c.	Subtotal	\$1980.00
d.	Overhead and Profit (15% x c)	\$ 297.00
e.	Total Change for ITC #11	ADD \$2277.00

If you have any questions, please call me at (507) 288-6583.

Sincerely,

Gary J. Ryeter
Project Manager



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 Knutson Construction Services
 Tel: Fax:

2/17/2005 Railroad protective insurance
 Knutson
 Architect/Engineer Directive Stanley Consultants ITC #36

Change Order

Additional cost for railroad protective insurance above the \$300 in addendum #1.

Summary:
 0 1,788 0 1,788
 Budget:

Itemized Details:

Item	Date	Budget	Apprx Rev
001 - KNUSON -	3/3/2005	2/17/2005	2,057
Total cost of Railroad protective Insurance			0
002 - KNUSON -	3/3/2005	2/17/2005	(300)
Cost that Knutson included per Addendum #1			0
Level 003 - KNUSON -	2/17/2006	Apprx Rev	20
1.00% Insurance Markup			0
Level 004 - KNUSON -	2/17/2006	Apprx Rev	21
1.00% Bond Markup			0
			21



INSTRUCTION TO CONTRACTOR

RPU Steam Supply

Project

Project No. 15545.03

Knutson Construction Services

Contractor

Contract No. 3A

General Construction

Contract Description

Instruction No. 038

Date February 17, 2005

This instruction is issued to:


- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: Addendum 1

Contractor is to provide railroad protective coverage for the project at the increased price of \$2,057 less the contract amount of \$300 per addendum 1.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 
Gary L. Phillips

ITC #38.

CHECK REQUEST

DATE: February 7, 2005

PAYABLE TO: DAKOTA, MINNESOTA & EASTERN RAILROAD CORPORATION

AMOUNT: \$2,057.07

CODE #	DESCRIPTION	\$ AMOUNT
Job 2045 011-040-M	Permit for Protective Liability Insurance for work under RR on the RPU Steam Supply Project	\$2,057.07
	TOTAL	\$2,057.07

REQUESTED BY: DAO APPROVED: *DAO*

SPECIFIC DATE /TIME CHECK NEEDED: Can it be mailed today?

PLEASE INDICATE WHICH OF THE FOLLOWING YOU PREFER:

MAIL CHECK: YES, TO TIM CARLSON @ ADDRESS ON THE NEXT PAGE. PLEASE ALSO SEND THAT APPLICATION WITH IT AND COPY BE ON THE CHECK. THANK YOU (PLEASE INCLUDE ANY ATTACHMENTS TO GO WITH CHECK)

RETURN CHECK TO: _____

To: Derek

Received 5/10/05
Tim Carlson

DAKOTA, MINNESOTA & EASTERN RAILROAD CORPORATION
RAILROAD PROTECTIVE LIABILITY INSURANCE

Please fill out below and send check for \$9.50 per \$1,000.00 of contract cost (with a minimum of \$300.00 for the 2004-2005 construction year) for work performed within 50 feet of railroad with maximum job cost of \$500,000.00 to:

TIM CARLSON, MANAGER SIGNALS & REAL ESTATE
PO BOX 1260
SIOUX FALLS, SD 57101
PHONE (605) 782-1551 FAX (605) 782-1561

Limits: \$2,000,000.00 per occurrence and \$6,000,000 aggregate per job.

POLICY TERM: MAY 3, 2004 to MAY 3, 2005			
ADMINISTRATOR: AON RISK SERVICES, INC. OF ILLINOIS			
CARRIER: LEXINGTON INSURANCE COMPANY			
POLICY # 356-6376			
Name of Contractor	Description of Job	Location of Job	Cost of Job
Tim Carlson	Track - Box 1260 & 1261	area of Tim Carlson, SD	\$216,745
	Apex number 1261/1262	r Carlson Office	

→ X .0095 = \$ 2,057.07

- Ineligible jobs not automatically included under program:
- Jobs where more than 10% of the work within 50 feet of the tracks is blasting
- Structural Bridges Work/Tunneling Work
- Work over navigable waters
- Jobs with costs in excess of \$500,000.00

TMC:carl(tmc)\timcarlson.doc



Potential Change Orders

Detailed, Grouped by Each Number

Project # 2046 **Knutson Construction Services**
 Te: Fax:
10/27/2004 **Change in Pier Elevation to allow Building Foundation to be installed prior to steam p**
Category **Reason** **RFI #** **Task Name** **Revenue Code**
Change Order

Change in Pier Elevation to allow building foundation to be installed prior to steam pipe being installed.

Summary:

Requested Days	Approved Days	Proposed	Applied
0	0	8,192	0
		Budget:	Applied
			8,192

Itemized Details:

General Description	Start Date	End Date	Budget	Apprx Rev	Applied
001 - FRACON -	11/1/2004	10/27/2004	Budget: Apprx Rev	1,570	0
Excavation Changes					1,570
002 - BURCOM -	11/1/2004	10/27/2004	Budget: Apprx Rev	965	0
Rebar Material					965
003 - HAWSON -	11/1/2004	10/27/2004	Budget: Apprx Rev	650	0
Rebar Installation					650
004 - KNUJCON -	11/1/2004	10/27/2004	Budget: Apprx Rev	4,075	0
Concrete Forming and Material					4,075
Level 001 - KNUJCON -	10/27/2004		Budget: Apprx Rev	611	0
16.00% Overhead Markup					611
Level 002 - KNUJCON -	10/27/2004		Budget: Apprx Rev	159	0
5.00% Subcontractor Markup					159
Level 003 - KNUJCON -	10/27/2004		Budget: Apprx Rev	80	0
1.00% Insurance Markup					80



Potential Change Orders
Detailed, Grouped by Each Number

Level 004 - KNUJCON - 1.00% Bond Markup	10/27/2004	Budget	Apprx Rev	81
				0
				81



INSTRUCTION TO CONTRACTOR

RPU Steam Supply

Project

Project No. 15545.03

Knutson Construction Services

Contractor

Contract No. 3A

General Construction

Contract Description

Instruction No. 037

Date January 26, 2005

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: Stanley Consultants RFI 004

Contractor is lower Pier Elevations to 981'6" to allow for the foundations to be installed prior to the steam pipe being installed.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME,
YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY:

Gary L. Phillips

BURY COMPANIES, INC
QUALITY CONSTRUCTION PRODUCTS
REINFORCING STEEL DIVISION

14210 Northdate Blvd.
Rogers, MN. 55374
(763) 428-4540
(763) 428-4518 Fax

Contract Change

C.O.# 2

Date: 10-19-04

Job Name: RPU STEAM TUNNEL

Attn: DEREK O'CONNOR

Job Address: ROCHESTER, MN

Company Name: KNUTSON CONSTRUCTION SERVICES

Description of Change: ADDITION OF BAR PER FAX RECVD 10-15-04;
DELIVERY OF BAR FOR 10-20-04.

Original Contract Amount: \$ 18,174.00

Change Order # 1 \$ 15,984.01

Change Order # 2 \$ 1,583.32

Change Order # 3 \$ _____

Change Order # 4 \$ _____

Change Order # 5 \$ _____

Change Order # 6 \$ _____

Adjusted Contract Amount to Date: \$ 35,742.13

1,086.69 STEEL
400.00 DELIVERY
96.63 TAX

1,583.32 TOTAL

\$ 965 for extending piers down

This change order must be signed dated and faxed back before we will begin fabrication.

Change Accepted by:

[Signature]

Date: 10/19/04

Bury Companies, Inc.

[Signature]

Date: 10-19-04

Please Fax ASAP.
[Signature]

Derek OConnor

From: Gary Rueter [gary@fraserconstruction.com]
Sent: Wednesday, October 27, 2004 3:25 PM
To: Derek OConnor
Subject: RPU Steam Supply - Added Footing Depth

Derek, here's our tabulated change for the added depth of the footings at Grids A1, B1, A4, B4, C4, D4.

Description	Excavation	Displacement	Backfill	
Revised Quantity, cylv	407	51	356	
Base Bid Quantity, cylv	277	48	229	
Delta, cylv	130	3	127	
Cost per cylv	\$5.00	\$5.00	\$6.00	
	\$650.00	\$15.00	\$762.00	\$1427.00
10% OH & P				\$142.70
TOTAL				\$1569.70

10/28/2004



SUB-LIST

Sheet No. _____
 Estimate No. _____
 Estimator _____
 Checker _____
 Date Due _____

Building extending Piers
 Location _____
 Architect _____
 Area _____

DESCRIPTION	Units	Quantity	Unit Price Labor	Labor	Unit Price Mat'l	Material	Subs.
<i>Concrete Forming</i>							
<i>15 yds Concrete</i>		<i>15</i>		<i>1500</i>		<i>1500-</i>	
<i>Labor / Form Ren</i>				<i>1400</i>		<i>250</i>	
				<i>1550</i>		<i>1750</i>	
				<i>725</i>			
				<i>2275</i>			
				<i>1750</i>			
				<i>4025</i>			



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

March 28, 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 3-005

The following proposal has been received by Stanley Consultants:

Proposal #	Description	ITC #	Amount
PCO 018	Additional Costs For Uncharted Utilities @ Vault 10	3-041	\$ 2,259.00
PCO 030	Relocate 10 Inch Gas Main at Silver Lake Plant	3-034	\$ 19,686.00
PCO 034	Jack & Bore Casing Omitted From Pricing	3-020	\$ 9,096.00
	Total Proposed Change Orders		\$ 31,041.00

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 \$31,041.00.

Sincerely,

Stanley Consultants, Inc.

Gary L. Phillips
Resident Project Representative

Attachments(s): KCS Proposed Change Order 18
KCS Proposed Change Order 30
KCS Proposed Change Order 34

This document was sent electronically

Tom Williamson

March 17, 2005

Page 2

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

GLP



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 Knutson Construction Services

Tel: Fax:

PO # 029 1/19/2005 10' High Pressure Steam Line - Vent #10
 Change Order Architect/Engineer Directive Stanley Consultants ITC #84

See Attached Stanley Consultants ITC #10

Summary:

Request	0	Budget:	18,886	0	18,886
---------	---	---------	--------	---	--------

Itemized Details:

001 - KNUTSON - Knutson	1/15/2005	Budget:	0	0	0
002 - FRACON - Excavation Changes	1/15/2005	Budget:	5,044	0	5,044
003 - HANING - Mechanical Changes	1/15/2005	Budget:	13,336	0	13,336
Level 002 - - 5.00% Profit & OH Markup		Budget:	919	0	919
Level 003 - - 1.00% Insurance Markup		Budget:	183	0	183
Level 004 - - 1.00% Bond Markup		Budget:	186	0	186



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 034

Date December 2, 2004

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

Reference: Stanley Drawing C301 R 0, RFI 013
Stanley Specification Section 02556 (Attached)

The 10" High Pressure gas main has been found to intersect Vault 10, intruding approximately 30" into the vault area. The contractor is to relocate this gas main ten (10) feet to the west of the vault area by the use of four 45 degree elbows. Approximately 30 feet of existing gas main is to be removed for the vault installation. A 1/4" steel plate is to be seal welded on each end of the remaining pipe to guarantee interior cleanliness of the gas main.

After the vault has been installed, the gas main is to be re-connected. All piping work is to comply with the attached Specification Section 02556. Radiographic examination is to be required on all of the welds.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 
Gary L. Phillips

DEC-09-2004 13:59



Mechanical Contractor

1400 N.W. 7th Street
Rochester, MN 55901
Phone # 507-281-4000
Fax # 507-281-5206
www.himec.com

P.01

1901 N.W. 4th Street
Austin, MN 55912
P: 507-437-4591 F: 507-437-4593

32938 Northfield Blvd.
Northfield, MN 55057
P: 507-645-8414 F: 507-645-4859

Fax #: 260-9797

3 PAGES

Thursday, December 9, 2004

Derek O'Connor
Knutson Construction
1907 2nd Street SW
Rochester, MN 55902

RE: RPU Steam Supply
CO#6 - Reroute 10" gas main around vault #10 (ITC #034)

Dear Derek,

The following is the price associated with rerouting the 10" gas main around vault #10 in accordance with Stanley Consultant's ITC#034.

Price Includes:

- Demo of existing gas main and capping of pipe
- Fabrication and installation of new offset gas main piping
- Crane / lull time for setting piping
- Wrapping of piping w/ required utility tape
- X-ray testing of all new welds

Total Proposed Contract Add:

\$13,335.00

Exclusions:

- Excavation & backfill

Please see the attached sheets for a detailed breakdown of the associated costs.
Should you need or desire additional information please feel free to contact me.

Sincerely,


Timothy J. Jungers

DATE: 12/9/04

TO: Knutson Construction

CHANGE ORDER PROPOSAL 6

SUBMITTED #:

TIME EXTENSION: NONE

JOB #: 6135-02

NAME: RPU Steam Supply

ENGINEER: Stanley Consultants

JOB DESCRIPTION: ITC#034 - Relocate gas main around Vault #10

1.	MATERIAL			<u>2,698.79</u>
2.	EQUIPMENT			
3.	FREIGHT	0 %		<u>0.00</u>
4.	SUBTOTAL ON MATERIAL			<u>2,698.79</u>
5.	SALES TAX	7 %		<u>188.92</u>
6.	P & O ON MATERIAL		15 %	<u>433.16</u>
7.	LABOR	104	HOURS @ 50.53	<u>5,255.12</u>
	LABOR		HOURS @	<u>0.00</u>
	LABOR		HOURS @	<u>0.00</u>
8.	INSURANCE		%	<u>0.00</u>
9.	TRAVEL & SUBSISTENCE			<u>0.00</u>
10.	DRAYAGE		2 %	<u>67.76</u>
11.	TEST & CLEANUP		3 %	<u>157.66</u>
12.	TOOLS & EQUIPMENT		3 %	<u>157.66</u>
13.	SUPERVISION		10 %	<u>525.51</u>
14.	LABOR SUBTOTAL			<u>6,153.69</u>
15.	P & O ON LABOR		15 %	<u>923.05</u>
16.	SUBCONTRACTS			
	A. MECHANICAL INSULATION			
	B. CRANE / LULL			<u>450.00</u>
	C. TEMPERATURE CONTROL			
	D. TESTING (X-RAY)			<u>2,100.00</u>
	E. SEWER & WATER			
	F. FIRE PROTECTION			
	G. GENERAL CONSTRUCTION			
17.	SUBCONTRACTOR SUBTOTAL			<u>2,550.00</u>
18.	SUBCONTRACTOR P & O		5 %	<u>127.50</u>
19.	PERMITS	1 %		<u>130.75</u>
20.	SPECIAL INSURANCE			
21.	BONDS	1 %		<u>130.75</u>
22.	MODIFIER			<u>-1.61</u>
23.	TOTAL CHANGE			<u>13,336.00</u>

SUBMITTED BY: Tim Jungers



FRASER CONSTRUCTION CO.

3725 Enterprise Dr. SW Rochester, MN 55902 507/289-6583 Fax: 507/282-1148

Knutson Construction Services
RPU Steam Tunnel
ITC #34 Re-route 10-inch Gas Main at Vault 10
Rochester, Minnesota

CHANGE REQUEST

COST SUMMARY

ITC #34

- Sheet C301 R0, RFI 013 – Reroute Gas to 10' West of Vault 10
- Requires Pounding and Removing Frozen Soil and Importing Unfrozen Sand Fill
- Includes Labor and Equipment Standby Time from December 17, 2004

a.	Materials	\$ 359.16
b.	Equipment	\$2351.00
c.	Labor	\$1676.00
d.	Subtotal	\$4386.16
e.	Overhead and Profit (15% x d)	\$ 657.92
e.	Total Change for ITC #34	ADD \$5044.08

If you have any questions, please call me at (507) 288-6583.

Sincerely,

Gary J. Rueter
Project Manager

ITC #34 Re-Route 10" Gas Main at Vault 10

Materials	Quantity	Rate	Extension
MnDOT Select Granular Borrow, cylv	41	\$8.76	<u>\$ 359.16</u>
		SUBTOTAL	\$359.16
Equipment			
Case 9030 Backhoe with Hammer, hr	7	\$136.00	\$ 952.00
Cat 235C Backhoe, hr	7	\$126.00	\$ 882.00
Wacker Jumping Jack, hr	3	\$15.00	\$ 45.00
Tandem Dump Truck with Driver, hr	8	\$59.00	<u>\$ 472.00</u>
		SUBTOTAL	\$2351.00
Labor			
Superintendent, hr	4	\$49.00	\$ 196.00
Foreman, hr	10	\$46.00	\$ 460.00
Operator, hr	14	\$45.00	\$ 630.00
Laborer, hr	10	\$39.00	<u>\$ 390.00</u>
		SUBTOTAL	\$1676.00



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2046 Knutson Construction Services

Tel: Fax:

3/23/2005 Added cost to increase the jack and bore casing under the Railroad to 36" PCC Number

Category Reason COR Number

Change Order Stanley Consultants ITC #20 Revenue Code

Costs to increase the jack and bore casing to 36" that was missed on PCC #20 pricing

Summary:

Requested	Days	Approved	Days	Proposed	Approved	Applied
0		0		8,068	0	9,068

Itemized Details:

General Description	Change Order	Approved	Days	Proposed	Approved	Applied
001 - FRACON -	4/6/2005	3/23/2005		Budget: Apprx Rev	0	8,487
Increase jack and bore pricing				Budget: Apprx Rev	423	423
Level 002 - KNUTCON -				Budget: Apprx Rev	89	89
5.00% Profit Markup				Budget: Apprx Rev	90	90
Level 003 - KNUTCON -				Budget: Apprx Rev	0	0
1.00% Insurance Markup				Budget: Apprx Rev	0	0
Level 004 - KNUTCON -				Budget: Apprx Rev	0	0
1.00% Bond Markup				Budget: Apprx Rev	0	0



FRASER CONSTRUCTION CO.

3725 Enterprise Dr. SW Rochester, MN 55902 507/288-8583 Fax: 507/282-1148

DATE: June 3, 2003

TO: Derek O'Connor

FROM: Gary Ructor

SUBJECT: Increase Casing Diameter for Additional Insulation Thickness, RPU Steam Tunnel Project, Rochester, Minnesota

Attached is the response from Tunnels, Inc. for the increased casing size. Their cost for the increased size is \$8,064.00. With 5% markup, the total change is \$8467.20.

"We are an equal opportunity employer"

JUN-03-2003 14:29

507 282 1148

97%

P.01

TUNNELS, INC.

21370 John Miles Drive South, Suite 107 * PO Box 286, Rogers MN 55374-0286 USA
 Phone 763.428.5280 Fax 763.428.1771 Lcinvinc@aol.com

Jackings * Borings * Tunneling * Shafts * Structures

30 years experience providing services and consulting to North American engineers, contractors and municipalities.

GARY RUETER

BORING / JACKING QUOTATION

We are pleased to present the following proposal for:

RPU STEAM TUNNEL, ROCHESTER, MN.

FOR 12" UTILITY CASING AND ALSO THE EXTRA COSTS

FROM 30" CASING TO 36" CASING

Items INCLUDED in the bid are:

A) _____	E) _____
B) _____	F) _____
C) _____	G) _____
D) _____	H) _____

Items NOT included in the bid are:

A) _____	E) _____
B) _____	F) _____
C) _____	G) _____
D) _____	H) _____

PLEASE
 100' STEEL
 16"

112	LF	12" STEEL CASING	112.00	12,544.00
252	LVF	36" CASING Additional Costs	32.00	8,064.00

GRAND TOTAL \$

This document must be included in contract documents. This quotation valid for no longer than 6 months from quote date.

Authorized by:

TUNNELS, INC.

Ron Lundberg

It's

president

Dated:

05/30/03

-END-

VIEW



Potential Change Orders

Detailed, Grouped by Each Number

RPU Steam Supply Project # 2045 Knutson Construction Services
 Tel: Fax:

PO # 018 Additional excavation costs for uncharted utilities
 Category: CORNUMB 77 POCO Number

Change Order Revenue Code
 Notes:

Additional costs encurred by Fraser Construction for uncharted utilities near vault #10

Summary:

Requested Days	Approved Days	Proposed	Approved	Applied
0	0	2,259	0	2,259

Itemized Details:

General Description	Quantity	Unit	Proposed	Approved	Applied
001 - FRACON -	4/9/2005	3/23/2005	2,106	0	2,109
Excavation costs					
Level 002 - KNUTCON -	3/23/2005	3/23/2005	105	0	105
5.00% Profit Markup					
Level 003 - KNUTCON -	3/23/2005	3/23/2005	22	0	22
1.00% Insurance Markup					
Level 004 - KNUTCON -	3/23/2005	3/23/2005	22	0	22
1.00% Bond Markup					



INSTRUCTION TO CONTRACTOR

RPU Steam Supply
Project

Project No. 15545.03

Knutson Construction Services
Contractor

Contract No. 3A

General Construction
Contract Description

Instruction No. 041

Date March 28, 2005

This instruction is issued to:

- Clarify drawings, specifications, or procedures.
- Request a proposal.
- Transmit drawings or documents for incorporation into the work.
- Other

An uncharted sanitary sewer has been found to be in the excavation path of the main steam line in the vicinity of Vault Ten in two locations. The contractor is to repair the sanitary line as per the specifications.

IF, IN YOUR OPINION, THIS INSTRUCTION INVOLVES WORK WHICH CHANGES THE CONTRACT PRICE OR TIME, YOU MUST SUBMIT A PROPOSAL OR NOTICE AS REQUIRED IN THE CONTRACT DOCUMENTS.

STANLEY CONSULTANTS

BY: 
Gary L. Phillips



**FRASER
CONSTRUCTION CO.**
3725 Enterprise Dr. SW
Rochester, Minnesota 55902
Phone 507/288-8583
FAX 507/282-1148

№ 38408

Date: February 1, 2005
To: Knutson Construction
1907 2nd Street SW
Rochester, MN 55902
Attn: Accounts Payable
Fraser Job # 4027
Re: Work At RPU Steam Line, Rochester, MN

VENDOR # _____	CO. # _____	50 _____	DATE _____
DESCRIPTION _____			
KCS RECEIVED: FEB 03 2005			
JOB _____	SUB _____	CODE _____	
AMT _____	APV _____	APV _____	QTY _____

The following tabulations summarize work which was performed by Fraser Construction on the above-referenced project.

12/13/2004	Repair Of Uncharted Sanitary Sewer Near Vault 10				
	330BL Backhoe w/ Operator	1.00 Hr	x	137.00 =	137.00
	Ford F250 Pickup	1.50 Hr	x	27.00 =	40.50
	Superintendent	1.50 Hr	x	57.00 =	85.50
	Laborer	3.00 Hr	x	44.00 =	132.00
	6" clay x 6" PVC Femco	2.00 Ea	x	17.41 =	34.82
	6" SDR 26 PVC Pipe	13.00 LF	x	2.31 =	30.03
	12" clay x 12" PVC Femco	2.00 Ea	x	46.03 =	92.06
	12" SDR 26 PVC Pipe	13.00 LF	x	9.30 =	120.90
					672.81
12/17/2005	Repair Of Uncharted Sanitary Sewer Near Vault 10				
	Ford F250 Pickup	1.00 Hr	x	27.00 =	27.00
	235C Backhoe w/ Operator	1.00 Hr	x	172.00 =	172.00
	Wacker BTS1036 Cut-Off Saw	0.50 Hr	x	7.00 =	3.50
	Wacker BS600 Jump in Jack	2.00 Hr	x	12.00 =	24.00
	Superintendent	1.50 Hr	x	57.00 =	85.50
	Leadman	4.00 Hr	x	54.00 =	216.00
	Operator	3.00 Hr	x	52.00 =	156.00
	Laborer	8.00 Hr	x	44.00 =	352.00
	6" SDR 26 PVC Pipe	39.00 LF	x	2.31 =	90.09
	6" clay x PVC Femco	2.00 Ea	x	17.41 =	34.82
					1,160.91
				Sub Total	\$1,833.72
				15% O&P	\$ 275.06
				Total	\$2,108.78

If you have any questions or comments, please call me at (507) 288-8583.

Sincerely,

Brenda Lovelace

Brenda Lovelace
Accounts Receivable Specialist

All balances over 30 days will be subject to a 1 1/2% per month Finance Charge. This is an ANNUAL PERCENTAGE RATE of 18% per year. Minimum Finance Charge \$1.50 per month.

INVOICE COPY

TIME AND MATERIAL AUTHORIZATION

FRASER CONSTRUCTION COMPANY

3725 Enterprise Drive, S.W.
Rochester, MN 55902

Phone (507)288-6583
Fax (507)282-1148

Company Name <i>Knutson</i>	Phone	Date <i>12-13-04</i>
Street	Job Name <i>RPU storm supply</i>	
City	State	Job No. <i>4027</i>
		P.O. No.

Employees				Equipment			
No.	Name	Hrs.	O/T Hrs.	No.	Description	Rented	Hrs.
<i>13</i> <i>117</i>	<i>Brad Kohn</i>	<i>1</i>		<i>1443</i>	<i>pickup</i>		<i>1/2</i>
<i>31</i>	<i>Mark ...</i>	<i>1</i>					
<i>59</i>	<i>Richard Whitcomb</i>	<i>1/2</i>					<i>10</i>
	<i>Kyle Spida</i>	<i>1</i>					

Trucks			
Name	Origin	Material	Hrs.

Material			
Qty.	Materials Received	Qty.	Material Used
		<i>2</i>	<i>6" clay x 6" PVC fence</i>
		<i>13 L.F.</i>	<i>6" x 26"</i>
		<i>2</i>	<i>12" clay x 12" PVC fence</i>
		<i>13 L.F.</i>	<i>12" x 26"</i>

Subcontractors	
Name	Work Performed

Description of Work Performed: *replaced section of 6" sanitary sewer that didn't show on plans*
picked up pipe and fence from yard for same - then pipe for other
replaced section of 12" storm out shown on original plan

Comments:

[Signature]
Fraser Representative

[Signature]
Customer

TIME AND MATERIAL AUTHORIZATION

FRASER CONSTRUCTION COMPANY

3725 Enterprise Drive S.W.
Rochester, MN 55902

Phone (507)288-6563
Fax (507)282-1148

Company Name Kristen	Phone	Date 12-17-04
Street	Job Name RPU Stone Supply	
City	State	Job No. 4027 P.O. No.

Employees				Equipment			
No.	Name	Hrs.	O/T Hrs.	No.	Description	Rented	Hrs.
157	Steve Hunter	4		1445	pickup		1
117	Brad Kuhn	4		1446	pickup		1
31	Walter Schmitt	4		1409	235 loader		1/2
13	Mark Stammen	4		1260	1400 saw		1
18	Steve [unclear]	1 1/2		1232	grapple, fork		1
				1235	grapple, fork		1

Name	Origin	Material	Qty.	Hrs.

Material		Qty.	Material Used
	Materials Received	38 L.F.	6" sub 26
		2	6" day x 6" PUC fence

Subcontractors	
Name	Work Performed

Description of Work Performed:
 replaced section sewer line not shown on plan.
 last 3 hrs waiting for verification of old footing remains in place
 of new water main - ~~excavated~~ - thought it might be 1/2 in dia.
 picked up pipe from yard - fence from Minn. Pipe
Comments: replace footing - had compact to replace sewer
 trenching and disposal to be charged when hauled out -

[Signature]
Fraser Representative

[Signature]
Customer



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 RPU Steam Supply Project Contract 02-28-C between Rochester Public Utilities and Knutson Construction Services in the amount of \$100,726.48. This brings the total amount of the contract to \$5,986,676.48.

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

President

Secretary