SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM: 3.7 (ID # 13371)

MEETING DATE:

Tuesday, November 03, 2020

FROM: FACILITIES MANAGEMENT AND RIVERSIDE UNIVERSITY HEALTH SYSTEM:

SUBJECT: FACILITIES MANAGEMENT (FM) AND RIVERSIDE UNIVERSITY HEALTH SYSTEM: Riverside University Health System Heat Exchangers Replacement Project - Approval of Change Order No. 1 and the Notice of Completion for GKK Works, Inc., District 5. [\$137,571 - RUHS Enterprise Fund 40050 - 100%] (Clerk to Record Notice of Completion)

RECOMMENDED MOTION: That the Board of Supervisors:

- Ratify and approve Change Order No. 1 for GKK Works, Inc. (GKK) of Irvine, California, for the Riverside University Health System (RUHS) Heat Exchangers Replacement Project, in the amount not to exceed of \$79,367 for unforeseen conditions and essential scope omissions to ensure the hospital continued the care for the safety of its patients; find that the work was integral to the Project and that competitive bidding would not produce an advantage and is impractical for the work;
- 2. Authorize the Chairman of the Board (Chairman) to execute Change Order No. 1 for GKK on behalf of the County;
- 3. Accept the RUHS Heat Exchangers Replacement Project constructed by GKK as complete and authorize the Chairman to execute the Notice of Completion;
- 4. Direct the Clerk of the Board record the attached Notice of Completion; and

Continued on Page 2

ACTION: CIP, Policy

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Spiegel, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes:

Jeffries, Spiegel, Washington, Perez and Hewitt

Nays:

None

Absent:

None

Date:

November 3, 2020

XC:

FM, RUHS

Kecia R. Harper

Clerk of the Board

Deputy

SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

RECOMMENDED MOTION: That the Board of Supervisors:

 Approve the reduction of the contract retention for GKK, from 5% to 2.5% for the Project and authorize the release of undisputed retained funds in the amount of \$58,204, in accordance with the contract terms and applicable law, per the General Conditions of the contract.

FINANCIAL DATA	Curre	ent Fiscal Year:		Next Fiscal Year:		Total Cost:	Ongoing Cost	
COST	\$	137,571	\$	0	\$	137,571	\$	0
NET COUNTY COST	\$	0	\$	0	\$	0	\$	0
SOURCE OF FUNDS	: RUHS	Enterprise F	und	40050 - 100%	Bud	lget Adjustm	ent: No	
(Previously approved but	dget)				For	Fiscal Year:	2020/2	1

C.E.O. RECOMMENDATION: Approve.

BACKGROUND:

Summary

On December 11, 2018, (Item 3.16), the Board of Supervisors (Board) approved a project budget in the amount of \$1,532,967 and ratified the construction contract between the County of Riverside (County) and GKK through the Easy Indefinite Quantity Construction (EZIQC) Contract, in response to the emergency work for the RUHS Heat Exchangers Replacement Project in the amount of \$1,084,718.

During construction, a single change order was negotiated to include but not limited to the replacement of faulty valves, installation of bypass valves, installation of additional expansion tanks, and field modifications to adjust to existing conditions which occurred during the course of construction; bidding of this work would have been impractical to expediently perform and complete the work as requested. Change Order No. 1 exceeds the single change order dollar authority, therefore Facilities Management (FM) is seeking Board approval for Change Order No. 1 to compensate GKK in the not to exceed amount of \$79,367 for a new contract value of \$1,164,085.

Pursuant to the general conditions of the contract, FM is currently retaining 5% of all progress payments to GKK. The general conditions of the contract state that after the 50% completion point of the contract work, if satisfactory progress is being made, the County has sole discretion to reduce the retention to a minimum of 2.5% of the contract.

SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

GKK has completed the work to the Project and has been inspected and found to comply with all contract requirements. This Board action will release \$29,102 to GKK upon execution of this Board action, which is half of the retention to GKK; and the remaining undisputed contract retention funds in the amount \$29,102, for a cumulative total of \$58,204, after the Notice of Completion has been recorded and the 35 day lien period has expired per contract terms and applicable law.

Impact on Residents and Businesses

The RUHS Heat Exchangers Replacement Project will reduce the risk of equipment failure and improve the hospital's ability to provide hot water to the patients and personnel of the hospital. Installation will be scheduled to minimize any impact for hospital patients and personnel.

Change Order Report for GKK Works, Inc.

CHANGE ORDER	AMOUNT	PERCENT	DESCRIPTION
Construction Contract	1,084,718	0.00%	Original construction agreement.
Change Order No. 1	79,367	7.32%	Various plumbing modifications and repairs
NEW CONTRACT VALUE	\$ 1,164,085	7.32%	

Additional Fiscal Information

All costs associated with this Board action were previously approved on December 11, 2018 (Item 3.16) and are 100% funded through RUHS Enterprise Fund 40050. Change Order No. 1 in the amount of \$79,367 and the contract retention in the amount of \$58,204 are covered within the previously approved budget and will be expended in FY 2020/21; therefore, no budget adjustment is required.

Attachments:

- Change Order No. 1 for GKK Works, Inc.
- Notice of Completion for GKK Works, Inc.

RS:VC:SP:RM:NS:TY;mg FM08430009308 MT#13371
G:\Project Management Office\FORM 11'S\Form 11's_In Process\13371 - 009308_D4 - RUHS Heat Exchngrs Rplc Proj - Approval CO No.1 and NOC for GKK 110320.doc

Steven Atkeson 10/26/2020 Gregory V. Priantos, Director County Counsel 10/26/2020

Page 3 of 3 ID# 13371 3.7

PLEASE COMPLETE THIS INFORMATION RECORDING REQUESTED BY:

KECIA R. HARPER, CLERK OF THE BOARD 4080 LEMON STREET, 1ST FLOOR CAC P O BOX 1147 - RIVERSIDE, CA 92502

MAIL STOP # 1010

AND WHEN RECORDED MAIL TO:

RETURN TO:

STOP #1010

RIVERSIDE COUNTY CLERK OF THE BOARD P. O. BOX 1147 - RIVERSIDE, CA 92502

11/04/2020 08:58 AM Fee:

Page 1 of 2

Recorded in Official Records County of Riverside Peter Aldana



6080

THIS SPACE FOR RECORDERS USE ONLY

NOTICE OF COMPLETION

(California Civil Code §§ 8100-8118, 9200-9208)

To be recorded with County Recorder within 15 days after completion.

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

Project title or description of work: Riverside University Health System Heat Exchangers Replacement Project -

(FM08430009308)

Date of Completion:

Date Hereof

NOV 0 3 2020

Nature of owner:

Public Entity

Interest or estate of owner:

In Fee

Address of owner:

Clerk of the Board of Supervisors, County Administrative Center,

4080 Lemon St., Riverside, CA 92501

Name/address of direct contractor: GKK Works, Inc., 2355 Main Street, Suite 220, Irvine, CA 92614

Street or legal description of site: 26520 Cactus Ave, Moreno Valley, CA 92555

Dated: NOV 0 3 2020

Owner: County of Riverside

(Name of Public Entity)

V. Manuel Perez, Chairman, Board of Supervisors

STATE OF CALIFORNIA)

COUNTY OF RIVERSIDE)

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

ATTEST: Kecia R. Harper, Clerk

Executed at Riverside, California on

NOV 0 3 2020

V. Manuel Perez, Chairman, Board of Supervisors

FORM APPROVED COUNTY COUNSE

Updated 5/2016

NOV 0 3 2020 3.7

PETER ALDANA **COUNTY OF RIVERSIDE** ASSESSOR-COUNTY CLERK-RECORDER

Recorder P.O. Box 751 Riverside, CA 92502-0751 (951) 486-7000

www.riversideacr.com

CERTIFICATION

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below):

CLARIFICATION FOR SEAL for the Riverside County Board of Supervisors (EMBOSSED ON DOCUMENT)



Date: 11.03.2010
Signature: PUNULA RASSI

Print Name: Priscilla Rasso, Board Assistant

ACR 601P-AS4RE0 (Rev. 09/2005)

COUNTY OF RIVERSIDE ECONOMIC DEVELOPMENT AGENCY

	CHANGE ORDER NO.	1	-					
Date: 8/6/2020	Project Name:	Heat Exchanger Replacement						
To Contractor: GKK Works Construction Services	PeopleSoft Project	ct No: FM	et No: FM <u>08430009308</u>					
2355 Main Street, Suite 220 Irvine, CA 92614	Distribution: (1) Project Manager (2) Contractor (3) Fiscal	(4) Construction Manager(5) Inspector(6) Architect/Engineer						
You are directed to make the following changes.	Changes shall include labor, material a	and equipm	nent; each iten	n to include all charges or				
indirect arising out of this work:	DEADON FOR GUANGE ORDER	000#	TVDE	AMOUNT				
DESCRIPTION OF CHANGE	REASON FOR CHANGE ORDER	COR#	TYPE	AMOUNT				
1) Credit to original Not-to-Exceed amt. (1)	Department Driven	None	DEDUCT	(\$48,862.78)				
2) Additional expansion tanks (3)	Unforeseen Conditions	1	ADD	\$14,399.25				
3) Plan discrepancy - Butterfly valve vs. Linestop(4)	Plan/Essential Scope Omissions	3	ADD	\$17,622.84				
4) Piping conflict - new valves for additional pipe demo (5)	Unforeseen Conditions	4	ADD	\$7,362.15 \$14,221.06				
5) TMV-1 Bypass (6)	Unforeseen Conditions	5	ADD	\$33,174.22				
Faulty valves discovered during shutdown (7) Field Changes required due to HX custom fabrication (8)	Unforeseen Conditions Errors & Omissions	6	ADD	\$2,781.22				
8) Flexible connectors required per OSHPD (9)	Unforeseen Conditions	7	ADD	\$20,393.06				
9) Faulty victaulic flanges (10)	Unforeseen Conditions	8	ADD	\$6,914.34				
10) Flex connectors to Domestic water per OSHPD (11)	Unforeseen Conditions	10	ADD	\$11,362.09				
, , , , , , , , , , , , , , , , , , ,	8			\$79,367.45				
Original Contract Completion Date: Revised Contract Completion Date: NOTE: This change order is not effective until ALL significated per Change Order Guidelines. The undersigned contractor has given careful confor, and hereby agrees, if this change order is ap be noted above, and perform all services necessar	nsideration to the change proposed, in proved, that he will provide all equipm	cluding its ent, furnisl	effect on other	er work already contracted , except as may otherwise				
way thereto the prices shown above. Contractor oder work. 1) Contractor (Signature) Contractor's Printed Name)	expressly waives any contract right to a contract right to a contract original Contract	ADD	s peduct	1,084,718.00 0.00 1,084,718.00				
	Authorized Changes on this	Change Ord	der: \$	79,367.45				
Chairman of the Board (Signature) NOV 0 3 2 Date Of MANUEL PEREZ	Amount of Contract Authoriz Including this Change Order		\$	1,164,085.45				
Chairman of the Board Printed Name 3) 09/16/20 Architect (Signature) Date	Pursuant to:	Board Po M.O. and						
Ed Gharibans Architect's Printed Name Nakid Selbe 08/21/2020 Project Manager (Signature) Date								
Nahid Selbe								
Project Manager's Printed Name	Page 1		EDA Chang	ge Order Form - Revised 11-23-15				

ORM APPROVED COUNTY COUNSEL

NOV 0 3 2020 3.7



Work Order Signature Document

	EZIQC Contract	No.: CA-CR-GB03	3-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	per.: ezIQC-GKK-FM084300093	08.01 Work Order Date:	08/05/2020
Work Order Title: Owner Name:			Exchanger Replacement Supplemental #1 gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
	Work	to be Performed	
	med as per the Final Detailed Sc lo CA-CR-GB03-062718-GKK.	ope of Work Attached and	d as per the terms and conditions of Sourcewell
Brief Work Order	Description:		
	ween Emergency NTP amount o our Existing Hot Water Heat Exc		ailed Contractor Proposal for Removal and
Time of Perform		e: 08/05/2020 on Date: 08/05/2020	
Liquidated Dan	[V]	Will not apply:	
Work Order Fir	m Fixed Price: \$-48,862.78		
Owner Purch	ase Order Number: ezIQC-GKk	C-FM08430009308.01	
Approvals	A STATE OF THE STA		The second secon
	be 08,21,2020	Salva	Do 8/6/20
County of Riversion	de Facilities Mgmt.	Date Contracto	b Date



Detailed Scope of Work

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 ezIQC-GKK-FM08430009308.01 Work Order Number: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental #1 Work Order Title: **Brief Scope:** Reconciliation between Emergency NTP amount of \$1,084,718.00 and Detailed Contractor Proposal for Removal and Replacement of Four Existing Hot Water Heat Exchangers. Revised X **Final Preliminary** The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Contractor was issued an Emergency NTP prior to submission of a detailed ezIQC cost proposal due to the urgent need to commence work on this project. This supplemental represents the reconciliation of the original

Not-To-Exceed amount of \$1,084,718.00 and the contractors accurate, defendable cost proposal that is a reflection of the work requested and completed. This supplemental contains all the details of the accurate, defendable cost proposal. The reconciliation process resulted in a net credit back to the Owner.

Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK.

Contractor County of Riverside Facilities Mgmt. Date

Contractor's Price Proposal - Summary

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.01

Owner PO #:

ezIQC-GKK-FM08430009308.01

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental #1

Contractor:

gkkworks Construction Services

Proposal Value:

-\$48,862.78

BOND	\$22,298.32
DEMO	\$3,429.71
ELEC	\$17,327.27
FIRESTOP	\$244.59
GENERAL	\$31,467.86
INSULATION	\$12,790.51
MECH	\$92,854.22
No Category Input	-\$1,084,718.00
PLUMB	\$848,350.22
SEISMIC	\$7,092.52
Proposal Total	-\$48,862.78

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.01

Owner PO #:

ezIQC-GKK-FM08430009308.01

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental #1

Contractor:

gkkworks Construction Services

Proposal Value:

-\$48,862.78

	Sect		Ite	m	Mod.	UOM	Descri	iption	Parity a	<u> </u>				Line Total
bor	Eq	uip.	Mat	erial	(Excludes)	1								
ONE)			0	10	100				J				
1	01 2	22	16	00 00	02	EA	costs. quant = \$12 separ (e.g. s	the base cost ity to adjust the base cost ity to adjust the b 5.00 Reimbursab ately and add a cidewalk closure, ing costs, etc.). A osal.	of the Re ase cost le Fee). omment road cut	eimbursable Fee to the actual Re If there are mult in the "note" blo various permits	is \$1.00. imbursab iple Reiml ick to iden s, extende	Insert the appro- le Fee (e.g. qua bursable Fees, li tify the Reimbur d warrantee, ex	priate ntity of 125 ist each one sable Fee pedited	\$22,298.32
								Quantity		Unit Price		Factor	Total	
						Installa	tion	20,271.20	x	1.00	×	1.1000 =	22,298,32	
						2% bor	nd cost	20,2						301
ubto	otal f	or E	BON	D			e ville			5 12 3 1 1 114		ige e		\$22,298.3
EM)								140					
2	01	74	19	00 00)16	EA	40 CY cost,	Y Dumpster (5 To pick-up cost, hau	n) "Cons ling, and	truction Debris"I disposal fee. N	ncludes d on-hazard	elivery of dumps lous material.		\$3,429.71
						Installa	tion	Quantity	222	Unit Price		Factor =	Total 3,429,71	
								4.00	X	669.97	X	1.2798	3,423.71	
						ONE	NIMADOT	ED DED DUACE	4 DILA	YEC.				
ubt	otal f	or [DEM	0	3 <u>2</u> 1161	ONL	DUNIPSI	ER PER PHASE	, 4 PHAS	555				\$3,429.7
			13	00 00	002	EA	First Rollb disma	25 Miles, Equipm ack Flatbed Truc antling, loading a steer loaders (bol orm lifts, telescopi	ent Deliv	very, Pickup, Mo s delivery of equ porting away. Fo dustrial wareho	ipment, of r equipme use forkliff	ff loading on site ent such as trend ts, sweepers, sc	, rigging, chers, issor	
LEC	;				002		First Rollb disma skid-s	25 Miles, Equipm ack Flatbed Truci antling, loading a steer loaders (bol orm lifts, telescopi	ent Deliv	very, Pickup, Mo s delivery of equ porting away. Fo dustrial wareho	ipment, of r equipme use forkliff	ff loading on site ent such as trend ts, sweepers, sc	, rigging, chers, issor	
LEC	;				002		First Rollb disma skid- platfo etc.	25 Miles, Equipm ack Flatbed Trucl antling, loading a steer loaders (bol	ent Deliv	very, Pickup, Mo s delivery of equ porting away. Fo dustrial warehou articulating boom	ipment, of r equipme use forkliff	ff loading on site ent such as trend ts, sweepers, so with up to 40' bo	e, rigging, chers, issor nom lengths,	
LEC	;				002	EA Installa	First Rollb disma skid- platfo etc.	25 Miles, Equipm ack Flatbed Trucl antling, loading a steer loaders (bol orm lifts, telescopi Quantity	ent Delivichnclude and transpocats), iring and a	very, Pickup, Mo s delivery of equ poorting away. Fo dustrial warehou articulating boom Unit Price 201.32	ipment, or r equipme use forkliff n manlifts	ff loading on site ent such as trend is, sweepers, so with up to 40' bo Factor 1.2798	r, rigging, chers, issor som lengths,	
LEC	01					EA Installa	First Rollb disma skid platfo etc. ation	25 Miles, Equipm ack Flatbed Trucl antling, loading a steer loaders (bol orm lifts, telescopi Quantity 2.00	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mo s delivery of equ porting away. Fo idustrial warehor articulating boom Unit Price 201.32 DNE PER PHAS	ipment, or r equipme use forklift n manlifts x	ff loading on site ent such as trend is, sweepers, so with up to 40' bo Factor 1.2798	r, rigging, thers, issor som lengths, Total 515.30	\$515.30
3	01	71	13	00 00		EA Installa FOR E	First Rollb disma skid platfo etc. ation	25 Miles, Equipm ack Flatbed Truck antling, loading a steer loaders (bot orm lifts, telescopi Quantity 2.00 ICIAN'S SCISSO	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mo s delivery of equ porting away. Fo idustrial warehor articulating boom Unit Price 201.32 DNE PER PHAS	ipment, or r equipme use forklift n manlifts x	ff loading on site ent such as trend is, sweepers, so with up to 40' bo Factor 1.2798	r, rigging, thers, issor som lengths, Total 515.30	\$515.30
3	01	71	13	00 00		EA Installa FOR E	First Rollb disma skid-i platfo etc. ation ELECTR	25 Miles, Equipm ack Flatbed Truck antling, loading al steer loaders (bol orm lifts, telescope Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mo s delivery of equ porting away. Fo idustrial warehor articulating boom Unit Price 201.32 DNE PER PHAS c Plated Steel, V	ipment, or r equipme use forklift n manlifts x	ff loading on site ant such as trend ts, sweepers, so with up to 40' bo Factor 1.2798 PHASES. chor Expansion	r, rigging, chers, issor som lengths, Total 515.30	\$515.30
3	01	71	13	00 00	011	EA Installa FOR E	First Rollb dism: skid platfo etc. ation ELECTR 3/8"	25 Miles, Equipm ack Flatbed Truck antling, loading al steer loaders (bol orm lifts, telescopi Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mo s delivery of equ porting away. Fo idustrial warehou articulating boom Unit Price 201.32 ONE PER PHAS c Plated Steel, V Unit Price 10.98	ipment, or r equipme use forkliff n manlifts x SE, TWO I Vedge And	ff loading on site ant such as trend its, sweepers, so with up to 40' bo Factor 1.2798 = PHASES. chor Expansion Factor 1.2798 =	t, rigging, thers, issor som lengths, Total 515.30 Bolt Total 562.09	\$515.30 \$562.09
3 4	01	71	13	00 00	011	EA Installa FOR E EA Installa	First Rollb dism: skid platfo etc. ation ELECTR 3/8"	25 Miles, Equipm ack Flatbed Trucl antling, loading al steer loaders (bol orm lifts, telescopi Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mos delivery of equiporting away. Foodustrial warehold articulating boom Unit Price 201.32 DNE PER PHAS C Plated Steel, V Unit Price 10.98 HW), 600 Volt C	ipment, or r equipme use forkliff n manlifts x SE, TWO I Vedge And	ff loading on site ant such as trend ts, sweepers, so with up to 40' bo Factor 1.2798 PHASES. chor Expansion Factor 1.2798 randed, Placed Factor	r, rigging, chers, issor som lengths, Total 515.30 Bolt Total 562.09 In Conduit Total	\$3,429.7 \$515.30 \$562.09 \$1,481.07
3	01	71	13	00 00	011	EA Installa FOR E EA Installa	First Rollb dism: skid-splatfo etc. ation ELECTR 3/8"	25 Miles, Equipm ack Flatbed Trucle antling, loading a steer loaders (bolorm lifts, telescopic Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00 E12 AWG Cable - Quantity	ent Deliv kInclude nd transp ocats), ir ing and a x R LIFT, (very, Pickup, Mos delivery of equotoring away. Foodustrial warehous articulating boom Unit Price 201.32 DNE PER PHAS C Plated Steel, V Unit Price 10.98 HW), 600 Volt C	ipment, or r equipme use forkliff n manlifts x SE, TWO I Vedge And	ff loading on site ant such as trend ts, sweepers, so with up to 40' bo Factor 1.2798 PHASES. chor Expansion Factor 1.2798 randed, Placed Factor	r, rigging, chers, issor som lengths, Total 515.30 Bolt Total 562.09 In Conduit Total	\$515.30 \$562.09
3	01	71	13	00 00	011	Installa FOR E EA Installa	First Rollb dismoskid-platfo etc. ation ELECTR 3/8" ation 3/c #	25 Miles, Equipm ack Flatbed Trucl antling, loading al steer loaders (bol orm lifts, telescopi Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00	ent Deliv kInclude kInclude transpocats), ir ing and a x R LIFT, (ngth, Zin- x	very, Pickup, Mos delivery of equiporting away. Foodustrial warehold articulating boom Unit Price 201.32 DNE PER PHAS C Plated Steel, V Unit Price 10.98 HW), 600 Volt C	ipment, or requipment, or requipment use forkliff in manlifts x SE, TWO I Vedge And x Copper, St	ffloading on site ent such as trenc its, sweepers, so with up to 40' bo Factor 1.2798 = PHASES. chor Expansion Factor 1.2798 = randed, Placed	rigging, thers, issor som lengths, Total 515.30 Bolt Total 562.09 In Conduit Total 1,136.06	\$515.30 \$562.09
4	01 05 26	05	19	00 00	011	EA Installa FOR E EA Installa MLF	First Rollb disma skid-to platfor etc. ation ELECTR 3/8" ation 3/c #	25 Miles, Equipm ack Flatbed Truclantling, loading a steer loaders (bolorm lifts, telescoping Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00 E12 AWG Cable - Quantity 0.50 0.50	ent Delik kInclude kInclude transpocats), ir ing and a x R LIFT, (ngth, Zin- x XLP (XH- x	very, Pickup, Mos delivery of equotoring away. Foodustrial warehous articulating boom Unit Price 201.32 DNE PER PHAS C Plated Steel, V Unit Price 10.98 HW), 600 Volt C Unit Price 1,775.37 539.16	ipment, or requipment, or requipment, or requipments use forkliff in manlifts x SE, TWO I Vedge And x Copper, St	ffloading on site ent such as trent is, sweepers, so with up to 40' bo Factor 1.2798 = PHASES. chor Expansion Factor 1.2798 = randed, Placed Factor 1.2798 = 1.2798 =	Horizon Horizo	\$515.30 \$562.09 \$1,481.07
3	01 05 26	05	13	00 00	011	EA Installa FOR E EA Installa MLF Installa Demo	First Rollb disma skid-to platfor etc. ation ELECTR 3/8" ation 3/c #	25 Miles, Equipm ack Flatbed Truck antling, loading a steer loaders (bol orm lifts, telescope Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00 212 AWG Cable - Quantity 0.50 0.50	ent Delik kInclude kInclude transpocats), ir ing and a x R LIFT, (ngth, Zin- x XLP (XH- x	very, Pickup, Mos delivery of equotoring away. Foodustrial warehous articulating boom Unit Price 201.32 DNE PER PHAS C Plated Steel, V Unit Price 10.98 HW), 600 Volt C Unit Price 1,775.37 539.16	ipment, or requipment, or requipment, or requipments use forkliff in manlifts x SE, TWO I Vedge And x Copper, St	Factor 1.2798 PHASES. Chor Expansion Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Steel Unistrut C	rigging, thers, issor som lengths, Total 515.30 Bolt Total 562.09 In Conduit Total 1,136.06 345.01 hannel Total	\$515.30 \$562.09 \$1,481.07
3 4	01 05 26	05	19	00 00	011	EA Installa FOR E EA Installa MLF Installa Demo	First Rollb disma skid-platfor etc. ation ELECTR 3/8" ation 3/c #	25 Miles, Equipm ack Flatbed Truclantling, loading a steer loaders (bolorm lifts, telescoping Quantity 2.00 ICIAN'S SCISSO Diameter x 5" Ler Quantity 40.00 E12 AWG Cable - Quantity 0.50 0.50	ent Delik kInclude kInclude transpocats), ir ing and a x R LIFT, (ngth, Zin- x XLP (XH- x	very, Pickup, Mos delivery of equ ording away. Fo ording away. Fo dustrial warehore articulating boom Unit Price 201.32 ONE PER PHAS or Plated Steel, V Unit Price 10.98 CHW), 600 Volt C Unit Price 1,775.37 539.16 x 1-5/8" High, 1	ipment, or requipment, or requipment, or requipments use forkliff in manlifts x SE, TWO I Vedge And x Copper, St	Factor 1.2798 = PHASES. chor Expansion Factor 1.2798 = randed, Placed Factor 1.2798 = randed Unistrut C	rigging, thers, issor som lengths, Total 515.30 Bolt Total 562.09 In Conduit Total 1,136.06 345.01 hannel Total	\$515.30 \$562.09

Work Order Number: ezIQC-GKK-FM08430009308.01

EC		O.F.	20	00 0044	EA Charle	nd Can Unist	t Chennel	Eittings		X II II		6077.00
7	26	05	29	00 0041	EA Steel E	nd Cap, Unistru	t Channel				- many	\$277.01
					Installation	Quantity		Unit Price		Factor =	Total	
						15.00	×	10.08	×	1.2798	193.51	
					Demolition	15.00	x	4.35	X	1.2798 =	83.51	
3	26	05	29	00 0056	EA 2-Hole,	1-5/8" x 2-1/4",	90 Degre	e Angle, Steel,	Unistrut (Channel Fitting		\$32.79
						Quantity		Unit Price		Factor	Total	
					Installation	7.00	×	3.66	×	1.2798 =	32.79	
)	26	05	29	00 0085	EA 3/4" Dia	ameter, Steel, S	tandard P	ipe And Rigid	Conduit CI	amp For Unistrut	Channel	\$85.94
								. .				
					lastallation	Quantity		Unit Price		Factor _	Total	
					Installation	15.00	×	3.61	×	1.2798	69.30	
					Demolition	10.00	x	1.30	x	1.2798 =	16.64	
0	26	05	29	00 0149	EA 5/8-11,	Steel Lock Nut	Without S	pring For Unis	trut Chann	nel		\$350.54
						Quantity		Unit Price		Factor	Total	
					Installation	30.00	×	9.13	×	1.2798 =	350.54	
1	26	05	29	00 0160	EA 3/16" x	30" x 48", Galv	anized St	eel Back Plate	Painted			\$259.83
5	20	33	20	30 0 100	0/10 X	Quantity		Unit Price		Factor	Total	4200.0
					Installation		×		×	1.2798	259.82	
					AT CONTROL D	1.00		203.02		1.2790		
<u> </u>				700 to 100	AT CONTROL PA							040.0
2	26	05	29	00 0168	EA 3/4", O	ne Hole Steel C	onduit Str	50500 5050000			1200	\$48.3
					Installation	Quantity		Unit Price	100	Factor =	Total	
					mstallation	12.00	x	3.15	x	1.2798	48.38	
3	26	05	29	00 01680090	MOD For Wo	rk In Restricted	Working	Space, Add				\$6.3
						Quantity		Unit Price		Factor	Total	
					Installation	6.00	×	0.83	x	1.2798	6.37	
4	26	05	29	00 01680091	MOD For Ins	tallation On Cor	ncrete (Inc	cludes Drilling	And Faste	ner). Add		\$3.0
7	20	00	20	00 01000001	11100 1011110	Quantity		Unit Price		Factor	Total	7.33.3
					Installation	3.00	×	0.80	×	1.2798	3.07	
_					E4 0/#10			0.00		1.2700		654.0
5	26	05	29	00 0215	EA 3/4" Co	onduit Clip					Tatal	\$51.9
					Installation	Quantity	v	Unit Price	v	Factor =	Total 51.91	
					motanation	12.00	X	3.38	X	1.2798	01.01	
6	26	05	29	00 02150091	MOD For Ins	tallation On Co	ncrete (Ind	cludes Drilling	And Faste	ner), Add		\$12.2
					0.0000000000000000000000000000000000000	Quantity		Unit Price		Factor	Total	
					Installation	12.00	x	0.80	×	1.2798	12.29	
7	26	05	29	00 0235	EA 9/16" T	o 3/4" Flange T	hickness.	Beam Clamp	Caddy 6T	A912)		\$56.5
10 TAN			1.000	escensormacToToTo	6 (2000) (1000) (1000) (1000) (1000) (1000)	Quantity		Unit Price		Factor	Total	
					Installation	12.00	×	3.68	×	1.2798	56.52	
				00.0050	FA 0/4" D:			5.000,000				602.4
8	26	05	29	00 0253	EA 3/4" Di	ameter, Rigid S	teel Cond		Unistrut C		-	\$83.1
					Installation	Quantity	v	Unit Price	v	Factor =	Total 83.16	
				1	motanation	18.00	Х	3.61	X	1.2798	03.10	
9	26	05	29	00 02530107	MOD For We	ork In Restricted	Working	Space, Add				\$17.9
						Quantity		Unit Price		Factor	Total	
					Installation	18.00	×	0.78	×	1.2798	17.97	
20	26	05	33	13 0045	LF 3/4" Ri	igid Galvanized	Steel (RG	SS) Conduit Wi	th Thread	ed Couplina	-	\$1,905.3
	20	55	33	10 0040	E. 0/4 10	Quantity	2.001 (1.10	Unit Price		Factor	Total	- ,,
					Installation	125.00	×	6.21	×	1.2798	993.44	
					Demolition	375.00		1.90	x	1.2798 =	911.86	
					ELEC AND COM	373.00	X	1.30	^	,	311.00	

Work Order Number: ezIQC-GKK-FM08430009308.01

21	26	05	33	13 00450025	MOD	For Work I	n Restricted	Working 9	Space Add					\$549.03
. 1	20	05	33	13 00430023	WOD	I OI VVOIK I		VVOIKING C	Unit Price		Factor		Total	ψ549.05
					Installatio	n	Quantity 300.00	x	1.43	x	1.2798	=	549.03	
22	26	05	33	13 00450026	MOD	For Installa	ation Above	14', Add						\$136.30
							Quantity		Unit Price		Factor		Total	
					Installatio	n	150.00	×	0.71	×	1.2798	=	136.30	
23	26	05	33	13 0058	EA	3/4" Rigid	CONTRACTOR OF THE PARTY OF THE	Steel (RG	S) 90 Degree S	Standard				\$906.94
							Quantity	(8)	Unit Price		Factor		Total	
					Installatio	n	18.00	×	29.62	×	1.2798	=	682.34	
					Demolitio	n	18.00	×	9.75	x	1.2798	=	224.60	
24	26	05	33	13 00580025	MOD	For Work I	n Restricted		Space, Add					\$112.72
							Quantity		Unit Price		Factor		Total	
					Installatio	n	12.00	×	7.34	x	1.2798	=	112.72	
25	26	05	33	13 00580026	MOD	For Installa	ation Above	14', Add						\$28.18
							Quantity		Unit Price		Factor		Total	
					Installatio	n	6.00	×	3.67	×	1.2798	=	28.18	
26	26	05	33	13 0071	EA	3/4" Rigid		Steel (RG	S) 45 Degree 3	Standard	Radius Elbow	8		\$503.86
20	20	00	00	10 007 1		o, i i iigia	Quantity		Unit Price		Factor		Total	
					Installatio	n	10.00	×	29.62	×		=	379.08	
					Demolitio	n	10.00	×	9.75	×	1.2798	=	124.78	
27	26	05	33	13 00710025			In Restricted				G 300 300 100 7			\$75.1
	20	00	00	10 007 10020			Quantity		Unit Price		Factor		Total	
					Installatio	n	8.00	×	7.34	×	1.2798	=	75.15	
28	26	05	33	13 00710026	MOD	For Install	ation Above	14'. Add						\$37.5
20	20	00	00	10 007 10020			Quantity	100	Unit Price		Factor		Total	
					Installatio	n	8.00	×	3.67	×	1.2798	=	37.57	
29	26	05	33	13 0196	EA	3/4" Rigid	Galvanized	Steel (RG	S) Steel Insula	ated Grou	nding Bushing			\$435.5
		•••	•	14 4 155			Quantity	•	Unit Price		Factor		Total	
					Installatio	on	8.00	×	22.72	×	1.2798	=	232.62	
					Demolitic	n	20.00	×	7.93	×	1.2798		202.98	
30	26	05	33	13 01960025	MOD				Space, Add					\$48.7
00		•••					Quantity		Unit Price		Factor		Total	
					Installation	on	8.00	×	4.76	×	1.2798	=	48.73	
31	26	05	33	13 01960026	MOD	For Install	ation Above	14' Add						\$24.3
31	20	05	33	13 0 1900020	WOD	i oi ilistali	Quantity	14,7100	Unit Price		Factor		Total	,
					Installation	on	8.00	×	2.38	×	1.2798	=	24.37	
32	26	05	33	13 01960391	MOD	For Perso	0.25072) When V	Vorking On En	ergized		\$48.7
						Equipmer			n e				Total	
					Installation	nn.	Quantity	v	Unit Price	x	Factor	=	Total 48.73	
					motanati	KC000	8.00	X	4.76		1.2798			
33	26	05	33	13 0209	EA	3/4" Rigid	Galvanized	Steel (RG	SS) Box Conne	ctor With				\$509.8
					Installation	on	Quantity		Unit Price	v	Factor	=	Total 402.37	W.
							24.00	×	13.10	X	1.2798			
					Demolitie		20.00	x	4.20	×	1,2798	-	107.50	
34	26	05	33	13 0431	EA	3/4" Rigid		Steel (RC	SS) Sealing Fit	ting, Verti			T-1-1	\$239.0
					Installati	on	Quantity	×	Unit Price 69.59	×	Factor 1.2798	=	Total 178.12	
							2.00							

Work Order Number: ezIQC-GKK-FM08430009308.01

EC											-		
15	26	05	33	13 0442	EA 3/4" Ri	gid Galvanized	Steel (R	GS) Threaded Co	oupling				\$494.13
					l-stellation	Quantity		Unit Price		Factor	_	Total	
					Installation	18.00	X	14.71	x	1.2798	-	338.87	
					Demolition	18.00	×	6.74	x	1.2798	=	155.27	
36	26	05	33	13 0460	EA 3/4" Ri	gid Galvanized	Steel (R	GS) Fire Stop Fit	ting				\$285.63
						Quantity		Unit Price		Factor		Total	
					Installation	2.00	x	101.04	×	1.2798	-	258.62	
					Demolition	2.00	×	10.55	×	1.2798	=	27.00	
37	26	05	33	13 0490	EA 3/4" Ri	igid Galvanized	Steel (R	GS) Locknuts					\$74.48
						Quantity		Unit Price		Factor	-	Total	
					Installation	12.00	×	2.47	X	1.2798	=	37.93	
					Demolition	24.00	×	1.19	x	1.2798	=	36.55	
88	26	05	33	13 04900025	MOD For W	ork In Restricted	Working	Space, Add					\$9.09
						Quantity		Unit Price		Factor		Total	
					Installation	10.00	×	0.71	×	1.2798	=	9.09	
39	26	05	33	13 04900026	MOD For Ins	stallation Above	14' Add		On him				\$4.61
9	20	05	55	13 04300020	MOD TOTAL		11,7100	Unit Price		Factor		Total	13.00.00.00
					Installation	Quantity	x	0.36	×	1.2798		4.61	
						10.00		0.30		1.2730			077.40
40	26	05	33	13 0545	EA 3/4" S	nap-in Knock O	ut Seal			1222 - 1025			\$77.10
		Installation	Quantity		Unit Price		Factor	_	Total 77.10				
					installation	12.00	×	5.02	×	1.2798		77.10	
11	26	05	33	13 05450025	MOD For W	ork In Restricte	d Working	g Space, Add					\$18.30
				Quantity		Unit Price		Factor		Total			
		Installation	10.00	X	1.43	X	1.2798	=	18.30				
42	26	05	33	13 05450026	MOD For In	stallation Above	14' Add						\$9.09
42	20	05	55	15 05450020		Quantity		Unit Price		Factor		Total	0
					Installation	10.00	×	0.71	×	1.2798		9.09	
				10.0507	EA 0/4" D		Ctool /D	GS) Pulling Elbo		X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			\$237.5
43	26	05	33	13 0567	EA 3/4" R	900 BB00	Sieei (IX		W	Footor		Total	Ψ201.0
					Installation	Quantity	~	Unit Price	x	Factor 1.2798	=	173.62	
						6.00	×	22.61				63.89	
					Demolition	6.00	х	8.32	×	1.2798	-	63.69	200.0
44	26	05	33	13 05670025	MOD For W	ork In Restricte	d Workin						\$38.3
					Installation	Quantity	500	Unit Price		Factor		Total 38.39	
					Installation	6.00	×	5.00	×	1.2798		30.55	
45	26	05	33	13 05670026	MOD For In	stallation Above	14', Add						\$19.2
						Quantity		Unit Price		Factor		Total	
					Installation	6.00	×	2.50	×	1.2798	=	19.20	
46	26	05	33	13 2237	LF 3/4" F	lexible Liquid T	ight Meta	Ilic Conduit					\$300.5
40	20	03	33	10 2201	21 0/4 1	Quantity	g. it illote	Unit Price		Facto	•	Total	
					Installation	40.00	×	4.60	×	1.2798	_	235.48	
					Demolition	40.00		1.27	x	1.2798		65.01	
						disconnects and	X Leguipme		^	1.2700			
4-		0.5	00	42 00270047		Vork In Restricte					77 1/2		\$36.4
47	26	05	33	13 22370047	MOD For V		U VVOIKII	- Carlotte Control Control		Easts		Total	Ψ00.4
					Installation	Quantity		Unit Price	×	Facto 1,2798	, =	36.47	
						30.00	×	0.95		1,2/98	•	7.71 17	
48	26	05	33	13 2248	EA 3/4" \$	Straight Liquid T	ight Con					100 <u>045</u> 1999 NACC	\$281.7
					Installation	Quantity		Unit Price	9252	Facto	_	Total	
					Installation	16.00	X	10.90	×	1.2798	. =	223.20	

Work Order Number: ezIQC-GKK-FM08430009308.01

LEC								juhi en en					
49	26	05	33	13 22480047	MOD F	For Work In Restrict	ed Workir	ng Space, Add					\$27.39
					0 10 100 10	Quantity		Unit Price		Factor		Total	
					Installation	10.00	×	2.14	×	1.2798	=	27.39	
50	26	05	33	13 22480391		For Personal Protect	tive Equip	oment (Arc Flash)	When W	orking On En	ergized		\$16.43
						Quantity		Unit Price		Factor		Total	
					Installation	6.00	×	2.14	×	1.2798	=	16.43	
51	26	05	33	13 2542	EA 3	3/4" Type LB, Set Se	crew, Two	Hub Cast Alumin	um Cond	luit Body With	Cover		\$273.83
						Quantity		Unit Price		Factor		Total	
					Installation	6.00		27.73	×	1.2798	=	212.93	
					Demolition	6.00	×	7.93	×	1.2798	=	60.89	
52	26	05	33	13 25420025	MOD I	For Work In Restrict	ed Worki	ng Space, Add		7			\$45.69
						Quantity		Unit Price		Factor		Total	
					Installation	6.00	22	5.95	×	1.2798	=	45.69	
<i>F</i> 2		OF	22	16 0037	EA :	2-1/8" Depth, 4-11/1							\$106.17
53	26	US	33	16 0037	LA .					Easter		Total	\$100.17
					Installation	Quantity		Unit Price	×	Factor 1.2798	=	72.87	
					Demolition	2.00 n 2.00		28.47 13.01	x	1.2798	_	33,30	
		05	22	40 00070454				13.01	X	1.2790	-	33.50	\$0.00
54	26	05	33	16 00370451	MOD	For Stud Bracket, A				Feeter		Total	\$0.00
					Installation	Quantity	122	Unit Price	x	Factor	=	Total 0.00	
						0.00	95051	0.34	^	1.2798			
55 :	26	05	33	23 0242	EA	#3040CE Switch Co	over						\$76.22
						Quantity		Unit Price		Factor		Total	
					Installation	4.00	×	12.91	×	1.2798	-	66.09	
					Demolition	1 4.00	x	1.98	x	1.2798	=	10.14	
56	26	27	26	00 0168		15 Amp, 120 Volt, S Position	ingle Pol	e Lighted Toggle S	witch, CI	ear Toggle, Li	ghted I	n On	\$601.05
					1	Quantity		Unit Price		Factor	_	Total	
					Installation	7.00	×	54.92	×	1.2798	_	492.01	
					Demolition			14.20	X	1.2798	=	109.04	
57	34	43	26	13 0051	EA	Size 1 Junction Box	, With 4 H	Hubs, 4" Diameter	x 2" Dee	p			\$4,508.98
						Quantity	•	Unit Price		Factor	1222	Total	
					Installatio	n 11.00	×	241.01	×	1.2798	-	3,392.89	
					Demolition	n 11.00) x	79.28	×	1.2798	=	1,116.09	
		ONTACE OF THE	ELE	С		7 2 2							\$17,327.2
IRE	STC	P											
58	07	84	13	16 0003	EA	1" Diameter Intume	scent Fire	estop Sleeve (STI	FS100)				\$125.98
						Quantity	/	Unit Price		Factor	720	Total	
					Installatio	n 2.00) ×	49.22	×	1.2798	=	125.98	
					PER DET	TAIL 1/E0.02, Two a	ssemblies	s at room # P0013.					
59	07	84	13	16 0015	EA	1-1/2" Intumescent	Firestop	Pipe Collar (3M UI	LTRAPPI	D1.5)			\$79.99
						Quantity	,	Unit Price		Factor		Total	
					Installatio	n 2.00	, x	31.25	×	1.2798	=	79.99	
					PER DET	TAIL 1/E0.02, Two a	ssemblies	s at room # P0013					
			13	16 0027	LF	1/8" Thick, 1-1/2" V				Strip (STI Sp	ecSea	ISSW	\$38.62
60	07	84	15			Series)							
60	07	84	10			10.00	/	Unit Price		Factor		Total	
60	07	84	10		Installatio	Quantit		Unit Price 5.03	×	Factor 1.2798	=	Total 38.62	

Work Order Number: ezIQC-GKK-FM08430009308.01

Out to talk an EIDECTOR		\$244.59
Subtotal for FIRESTOP		Ψ 244. 33

61	01	00	00	00 0004	LS Labor - O	ff hour work							\$15,000.36
						Quantity		Unit Price		Factor		Total	
				NPP	Installation	1.00	×	11,156,00	x	1.3446		15,000.36	
					General labor to co testing of various u operations.	ver the adde	d cost of on the c	off hours labor r	ates. Off h	nours work is manner as to	likely to minin	be required for nize the impact	r shutdown and to the Hospital'
62	01	22	23	00 0270	WK 2,400 LB	Capacity, 72	" Wide, S	kid-Steer Loade	r With Ful	I-Time Opera	tor		\$6,266.10
						Quantity		Unit Price		Factor		Total	
					Installation	1.10	×	4,451.05	x	1.2798	=	6,266.10	
					3 weeks per phase heavy equipment, parea.	, two phases pipe, valves a	. Equipm and pipe	ent rental cost o assemblies, new	nly. Opera and exist	ator costs incl ting, to and fro	uded wom the	vith labor line ite workspace to t	em. Moving he laydown/tras
63	01	22	23	00 0283	MO Forklift At	tachment Fo	r Skid-St	eer Loaders					\$588.77
						Quantity		Unit Price		Factor		Total	
					Installation	1.50	×	306.70	X	1.2798	=	588.77	
					Transport of rubbis phases.	h and new m	naterial to	and from the wo	orksite and	d laydown are	a. Thr	ee weeks per p	hase, two
64	01	22	23	00 0289	MO Broom At	tachment Fo	r Skid-St	eer Loaders					\$1,222.85
		In at all attern	Quantity		Unit Price		Factor	_	Total				
		Installation	1.50	×	637.00	x	1.2798	1571	1,222.85				
					Three weeks per p of construction.	hase, two ph	ases. Pa	rking lot and hau	ıl route cle	ean up of exis	ting ho	spital hardscap	e during cours
65	01	22	23	00 0644	MO 1,000 Wa	att, 115 Volt,	2 Lamp, I	Portable Light St	and With	Tripod			\$1,197.71
					1	Quantity		Unit Price		Factor	_	Total	
					Installation	2.00	×	467.93	×	1.2798		1,197.71	
					TEMP TASK LIGH	TS, ONE MO	NTH PE	R PHASE, TWO	PHASES				
66	01	51	26	00 0004	EA Tempora	ry 10 Light S	tring With	Cages					\$390.54
					Installation	Quantity	0.00	Unit Price		Factor	=	Total 390.54	
						4.00	X	76.29	X	1.2798		330.54	
					TEMP EGRESS L								
67	01	51	26	00 0007	EA Tempora	ry High Bay	Light					-	\$734.63
					Installation	Quantity		Unit Price	v	Factor	=	Total 734.63	
						2.00	x	287.01	x	1.2798		7000	
					TEMPORARYAR								****
68	01	54	23	00 0037	SF 1" CD G	rade Plywoo	d - Tempo	orary Lumber		-			\$253.09
					Installation	Quantity		Unit Price	v	Factor	=	Total 253.09	
						64.00	×	3.09	×	1.2798		200.00	
					General cribbage		000000000000000000000000000000000000000	and hoisting of m	aterial wit	th forklift			
69	01	54	23	00 0038	LF 2" x 4" T	emporary Lu	mber	570 50052004		_			\$97.26
					Installation	Quantity	v	Unit Price	~	Factor	=	Total 97.26	
						80.00	. x	0.95	X	1.2798		07.20	
				550400000000000000000000000000000000000	General cribbage				50000 97				00 450 51
70	01	56	16	8000 00	SF 6 Mil, Fi		Plastic S	Sheeting, Applied	i io vvalis			T-4-1	\$2,150.06
					Installation	Quantity		Unit Price	×	Factor	=	Total 2,150.06	
						4,000.00	×	0.42		1.2798		2,100.00	

Work Order Number: ezIQC-GKK-FM08430009308.01

	RA	L												
71	01	56	16	00 0020	SF	6 Mil, Fire	Retardant, R	Reinforce	d, Plastic Sheeti	ng, Applie	ed To Floors			\$473.53
							Quantity		Unit Price		Factor		Total	
					Installation	on	1,000.00	x	0.37	x	1.2798	=	473.53	
					Visauee	n harrier at	equipment lo	cation						
20	04	EC	26	00 0005	LF			TO SECURITION OF THE SECURITIO	ence And Posts,	Un To 6	Months			\$1,139.02
2	01	56	26	00 0005	LF	remporar		un Link F		op 10 o			Tatal	\$1,139.02
					Installatio	on	Quantity	×	Unit Price	x	Factor	=	Total 1,139.02	
							250.00		3.56		1.2798		1,100.02	
					Jobsite a	area barrie	r for welding a	area delie	eniation and pub	lic protec	tion.			
3	01	56	26	00 00050082	MOD	For Shad	e Cloth, Add							\$815.87
							Quantity		Unit Price		Factor		Total	
					Installation	on	250.00	×	2.55	×	1.2798	=	815.87	
4	01		13	00 0004	EA	Tractor Tr rigging, d bulldozen loader-ba finishers.	railer With Up ismantling, lo- s, motor scrap ickhoes, heav straight mast ion forklifts, te	To 53' B ading an pers, hyd y duty co construct	ery, Pickup, Mob edIncludes deliv d transporting av raulic excavator onstruction loade tion forklifts, tele g and articulatin	ery of equal vay. For early some series, gradallers, tractors escoping	uipment, off lo equipment suc s, road grader irs, pavers, rol boom rough to	ading th as s, lers, b errain	on site, ridge	\$1,030.57
							0 "		Unit Drine		Footor		Total	
					Installati	on	Quantity	~	Unit Price	×	Factor	=	1,030.57	
							2.00	X	402.63		1.2798		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
					Mob and	d demob of	skidsteer. Or	nce per p	hase, two phase	98.				
75	02	90	50	00 0457	ROL	Tape - Du	uct							\$107.50
					14-11-4		Quantity		Unit Price		Factor	_	Total	
			Very Maria		Installati	ion	Quantity 12.00	х	Unit Price 7.00	x	1.2798	=	Total 107.50	004.467
su	LAT	ION		IERAL 00.0030			12.00		7.00		1.2798	=	107.50	
su	LAT	ION		00 0030	Installati		12.00				1.2798	= Jacke	107.50	
su	LAT	ION					12.00		7.00		1.2798	= Jacke	107.50	
su	LAT	ION				3/4" Dian	12.00		7.00 k, Fiberglass Ins		1.2798 With All Service	= Jacke =	107.50	
su	LAT	ION			LF	3/4" Dian	12.00 neter Pipe, 1- Quantity	1/2" Thic	7.00 k, Fiberglass Ins Unit Price	sulation V	1.2798 With All Service Factor	=	107.50 et (ASJ)	
<u>SU</u>	LAT 22	07	19	00 0030	LF Installati	3/4" Dian ion ion	neter Pipe, 1- Quantity 40.00	1/2" Thic x x	7.00 k, Fiberglass Ins Unit Price 9.39 2.35	sulation V	1.2798 With All Service Factor 1.2798	=	107.50 et (ASJ) Total 480.69	\$540.8
<u>SU</u>	LAT 22	ION			LF Installati Demoliti	3/4" Dian ion ion	neter Pipe, 1- Quantity 40.00 20.00	1/2" Thic x x	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add	sulation V	1.2798 With All Service Factor 1.2798 1.2798	=	107.50 et (ASJ) Total 480.69	\$540.8
SU '6	LAT 22	07	19	00 0030	LF Installati Demoliti	3/4" Dian ion ion For Work	neter Pipe, 1- Quantity 40.00 20.00 x In Restricted Quantity	1/2" Thic x x	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price	sulation V	1.2798 With All Service Factor 1.2798 1.2798 Factor	=	107.50 et (ASJ) Total 480.69 60.15	\$540.8
90.5560	LAT 22	07 07	19	00 0030	LF Installati Demoliti MOD	3/4" Dian ion ion For Work	neter Pipe, 1- Quantity 40.00 20.00 x In Restricted Quantity 30.00	x x x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add	sulation V	1.2798 With All Service Factor 1.2798 Factor 1.2798	=	107.50 et (ASJ) Total 480.69 60.15 Total 75.25	\$540.8- \$75.2
SU 76	22 22	07 07	19 19	00 0030	LF Installati Demoliti MOD Installat	3/4" Dian ion ion For Work	12.00 neter Pipe, 1- Quantity 40.00 20.00 In Restrictec Quantity 30.00 eter Pipe, 1-1/	x x x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu	sulation V	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service	=	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ)	\$540.8- \$75.2
SU 76	22 22	07 07	19 19	00 0030	LF Installati Demoliti MOD Installat	3/4" Dian ion For Work ion 2" Diame	12.00 neter Pipe, 1- Quantity 40.00 20.00 k In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity	1/2" Thic x x d Working x /2" Thick,	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price	sulation V x x x x lation With	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service	= = = Jacket	107.50 et (ASJ) Total 480.69 60.15 Total 75.25	\$540.8 <i>4</i> \$75.2
SU 76	22 22	07 07	19 19	00 0030	LF Installati Demoliti MOD Installat	3/4" Dian ion For Work ion 2" Diame	12.00 neter Pipe, 1- Quantity 40.00 20.00 k In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00	x x d Working x /2" Thick,	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28	x x x lation Will	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service Factor 1.2798	= = = Jacket	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45	\$540.8 <i>4</i> \$75.2
SU 76	22 22	07 07	19	00 0030 00 00300147 00 0034	LF Installati MOD Installat LF Installat	3/4" Dian ion For Work ion 2" Diame	neter Pipe, 1- Quantity 40.00 20.00 k In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00	x x d Working x //2" Thick, x x	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73	sulation V x x x x lation With	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service	= = = Jacket	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ)	\$540.84 \$75.2 \$647.3
SU 76	22 22	07 07	19 19	00 0030 00 00300147 00 0034	LF Installati Demoliti MOD Installat	3/4" Dian ion For Work ion 2" Diame	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 K In Restricted	x x d Working x //2" Thick, x x	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73 g Space, Add	x x x lation Will	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service of the control of th	= = = Jacket	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88	\$31,467. \$540.84 \$75.20 \$647.3
SU 76	22 22	07 07	19	00 0030 00 00300147 00 0034	LF Installati MOD Installat LF Installat Demolit	3/4" Dian ion For Work ion 2" Diame	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 k In Restricted Quantity	x x d Working x /2" Thick, x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73 g Space, Add Unit Price	x x x lation Wife x x x	1.2798 With All Service Factor 1.2798 1.2798 Factor 1.2798 th All Service Factor 1.2798 1.2798 Factor	= = Jacket = =	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88	\$540.84 \$75.2 \$647.3
SU 76	22 22	07 07	19	00 0030 00 00300147 00 0034	LF Installati MOD Installat LF Installat Demolit	3/4" Diam ion For Work ion 2" Diame ion For Work	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 k In Restricted Quantity 30.00	1/2" Thick x x d Working x /2" Thick, x x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73 g Space, Add Unit Price 2.27	x x x x x x x x x x x x x x x x x x x	1.2798 With All Service Factor 1.2798 Factor 1.2798 th All Service Factor 1.2798 1.2798 Factor 1.2798 Factor 1.2798	= = Jacket = =	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88 Total 87.15	\$540.84 \$75.2 \$647.3
SU 76	22 22 22 22	07 07	19 19 19	00 0030 00 00300147 00 0034 00 00340147	LF Installati MOD Installat LF Installat Demolit	3/4" Diam ion For Work ion 2" Diame ion For Work	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 k In Restricted Quantity 30.00 iameter Pipe,	1/2" Thick x x d Working x /2" Thick, x x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73 g Space, Add Unit Price 2.27 nick, Fiberglass	x x x x x x x x x x x x x x x x x x x	Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Th All Service Factor 1.2798 Factor 1.2798 Factor 1.2798	= = = = = = = = = = = = = = = = = = =	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88 Total 87.15	\$540.84 \$75.2 \$647.3
77 78	22 22 22 22	07 07 07	19 19 19	00 0030 00 00300147 00 0034 00 00340147	LF Installati MOD Installat LF Installat Demolit MOD Installat	3/4" Diam ion For Work ion 2" Diame ion For Work ion (ASJ)	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 k In Restricted Quantity 30.00 iameter Pipe, Quantity	x x d Working x x d Working x x d Working x x d Working x 1-1/2" The transfer of the transfer	7.00 k, Fiberglass Institute 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Institute 11.28 2.73 g Space, Add Unit Price 2.27 nick, Fiberglass Unit Price	x x x x x x x x x x x x x x x x x x x	1.2798 Vith All Service Factor 1.2798 1.2798 Factor 1.2798 1.2798 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798	= = Jacket = = = = = = = = = = = = = = = = = = =	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88 Total 87.15 cket	\$540.84 \$75.2 \$647.3
77 78	22 22 22 22	07 07 07	19 19 19	00 0030 00 00300147 00 0034 00 00340147	LF Installati MOD Installat LF Installat Demolit	3/4" Diam ion For Work ion 2" Diame ion For Work ion (ASJ)	neter Pipe, 1- Quantity 40.00 20.00 In Restricted Quantity 30.00 eter Pipe, 1-1/ Quantity 40.00 20.00 k In Restricted Quantity 30.00 iameter Pipe,	1/2" Thick x x d Working x /2" Thick, x x d Working	7.00 k, Fiberglass Ins Unit Price 9.39 2.35 g Space, Add Unit Price 1.96 Fiberglass Insu Unit Price 11.28 2.73 g Space, Add Unit Price 2.27 nick, Fiberglass	x x x x x x x x x x x x x x x x x x x	Factor 1.2798 Factor 1.2798 Factor 1.2798 Factor 1.2798 Th All Service Factor 1.2798 Factor 1.2798 Factor 1.2798	= = = = = = = = = = = = = = = = = = =	107.50 et (ASJ) Total 480.69 60.15 Total 75.25 (ASJ) Total 577.45 69.88 Total 87.15	\$540.8 \$75.2 \$647.3

Work Order Number: ezIQC-GKK-FM08430009308.01

7		ION	40	00 00250447	MOD For	Vark In Doctricted	Morkin	a Space Add			(A)	\$236.51
31	22	07	19	00 00350147	MOD For V	Vork In Restricted	vvorking	= 200		Faster	Tatal	\$230.51
					Installation	Quantity	x	Unit Price 2.31	x	Factor 1.2798	Total 236.51	
						80.00	0.000	\$287 P.R.S80	10000		4 /A C I)	64 000 00
32	22	07	19	00 0036	LF 3" Di	ameter Pipe, 1-1/2	2" I nick,	, Fiberglass Insul	ation vvit	h All Service Jacke	et (ASJ)	\$1,393.96
						Quantity		Unit Price		Factor	Total	
					Installation	80.00	X	12.18	X	1.2798	1,247.04	
					Demolition	40.00	x	2.87	x	1.2798 =	146.92	
83	22	07	19	00 00360147	MOD For \	Vork In Restricted	Working	g Space, Add				\$183.52
						Quantity		Unit Price		Factor	Total	
					Installation	60.00	×	2.39	X	1.2798	183.52	
84	22	07	19	00 0037	LF 4" Di	ameter Pipe, 1-1/2	2" Thick	, Fiberglass Insul	ation Wit	th All Service Jacke	et (ASJ)	\$1,185.45
						Overstite		Unit Price		Factor	Total	
					Installation	Quantity 62.00	×	13.44	x	1.2798 =	1,066.43	
					Demolition	30.00	x	3.10	x	1.2798 =	119.02	
85	22	07	19	00 00370147		Nork In Restricted	3.0	g Space, Add				\$165.09
-	-					Quantity		Unit Price		Factor	Total	
					Installation	50.00	X	2.58	X	1.2798	165.09	
86	22	07	19	00 0038	LF 6" D	iameter Pipe, 1-1/	2" Thick	, Fiberglass Insu	ation Wi	th All Service Jack	et (ASJ)	\$444.73
					Installation	Quantity	v	Unit Price	v	Factor =	Total 398.27	
						20.00	x	15.56	х	1.2798	46.46	
			- 12		Demolition	10.00 Work In Restricted	X	3.63	X	1.2798 =	40.40	\$61.64
87	22	07	19	00 00380147	MOD For		VVOIKII			Factor	Total	Ψ01.04
					Installation	Quantity 16.00	×	Unit Price 3.01	×	1.2798	61.64	
00	20	07	40	00.1012	EA 1" IC			12 887775531		tting Cover 90 Deg	ree Elbow	\$868.63
88	22	07	19	00 1213		lation Jacketing	uc (1 v c	, meenamear en				*********
						Quantity		Unit Price		Factor	Total	
					Installation	48.00	X	13.05	X	1.2798	801.67	
					Demolition	24.00	X	2.18	Х	1.2798 =	66.96	
89	22	07	19	00 1216		, Polyvinyl Chlorid lation Jacketing	le (PVC) Mechanical Gro	oved Fit	ting Cover 90 Degr	ree Elbow	\$833.97
					11100	Quantity		Unit Price		Factor	Total	
					Installation	34.00	x	18.06	x	1.2798	785.85	
					Demolition	16.00	x	2.35	X	1.2798 =	48.12	
90	22	07	19	00 1217				PVC) Mechanical	Grooved	d Fitting Cover 90 [Degree	\$791.30
					Elbo	w Insulation Jack	eting	Heit Deiss		Factor	Total	
					Installation	Quantity 30.00	x	Unit Price 19.39	x	Factor 1.2798 =	744.46	
					Demolition	15.00	x	2.44	x	1.2798 =	46.84	
91	22	0.77	10	00 1218				1230173377	9.3	tting Cover 90 Deg		\$113.75
91	24	. 07	19	00 1210		lation Jacketing	(1 70	-,			Manager III	* - 1 - 1 - 1
					14.4.0.0.0	Quantity		Unit Price		Factor =	Total	
					Installation	4.00	×	20.95	×	1.2798	107.25	
					Demolition	2.00	X	2.54	×	1.2798 =	6.50	****
92	22	2 07	19	00 1220		D, Polyvinyl Chlori ulation Jacketing	ide (PV0	C) Mechanical Gr	ooved Fi	itting Cover 90 Deg	ree Elbow	\$810.73
						Quantity		Unit Price		Factor	Total	
					Installation	24.00	×	25.01	x	1.2798	768.19	
					Demolition	12.00	X	2.77	×	1.2798 =	42.54	

Work Order Number: ezIQC-GKK-FM08430009308.01

02		ON 07	10	00 1222	EA 6"	ID, Polyvinyl Chloric	do (P)(C)	Machanical C	oved E:	ing Cover DO	Degree	Flhow	gene no
93	22	07	19	00 1222		sulation Jacketing	de (PVC)		oved Fitt	ing Cover 90	Degree		\$626.90
					Installation	Quantity	440	Unit Price		Factor	=	Total 600.94	
						12.00	×	39.13	X	1.2798			
					Demolition	6.00	×	3.38	X	1.2798		25.95	
94	22	07	19	00 1247		ID, Polyvinyl Chloric cketing	de (PVC) Mechanical Gro	oved Fitt	ting Cover Tee	Insula	tion	\$313.22
						Quantity		Unit Price		Factor		Total	
				241	Installation	12.00	×	18.76	×	1.2798	-	288.11	
				×	Demolition	6.00	×	3.27	×	1.2798	=	25.11	
95	22	07	19	00 1250		ID, Polyvinyl Chloric cketing	de (PVC)	Mechanical Gro	oved Fitti	ing Cover Tee	Insulat	tion	\$138.42
						Quantity		Unit Price		Factor	_	Total	
					Installation	4.00	×	25.29	×	1.2798	=	129.46	
					Demolition	2.00	×	3.50	x	1.2798	=	8.96	
96	22	07	19	00 1251		1/2"ID, Polyvinyl Ch	loride (P	VC) Mechanical	Grooved	Fitting Cover	Tee Ins	sulation	\$147.77
						Quantity		Unit Price		Factor		Total	
					Installation	4.00	×	27.05	×	1.2798	=	138.47	
					Demolition	2.00	×	3.63	x	1.2798	=	9.29	
97	22	07	19	00 1252		ID, Polyvinyl Chlori	de (PVC) Mechanical Gro	ooved Fit	ting Cover Tee	Insula	ation	\$159.59
						Quantity		Unit Price		Factor		Total	
					Installation	4.00	×	29.27	×	1.2798	=	149.84	
					Demolition	2.00	×	3.81	×	1.2798	=	9.75	
98	22	07	19	00 1254		ID, Polyvinyl Chlori acketing	ide (PVC) Mechanical Gro	ooved Fit	ting Cover Tee	Insula	ation	\$472.82
					an venta con	Quantity		Unit Price		Factor		Total	
					Installation	10.00	×	34.86	×	1.2798	=	446.14	
					Demolition	5.00	x	4.17	x	1.2798		26.68	
99	22	07	19	00 1256		ID, Polyvinyl Chlori acketing	ide (PVC) Mechanical Gro	ooved Fit	tting Cover Te	e Insula	ation	\$805.81
					14-11-4:	Quantity		Unit Price		Factor	_	Total	
					Installation	12.00	×	49.93	×	1.2798	_	766.80	
					Demolition	6.00	×	5.08	×	1.2798	=	39.01	
		for	INS	JLATION									\$12,790.
100		21	13	23 0403	LF 6'	' Schedule 40, Weld	ded Plain	End Black Steel	Pipe				\$3,531.84
100	20	21	10	20 0400	Li o	Quantity	200 1 10	Unit Price		Factor		Total	***************************************
					Installation	64.00	x	43.12	×	1.2798		3,531.84	
		77.0								1.2750			2400 7
101	23	21	13	23 04030112	MOD F	or Work In Restricte	ed vvorkir	and a service of					\$492.72
					Installation	Quantity		Unit Price	V	Factor	100000	Total 492.72	
					41 % 07 05 M TO COMP 0 COMO ME 30 10	50.00	X	7.70	X	1.2798		402.72	
102	23	21	13	23 0421	EA 6	' Standard Weight, '	Welded I	Plain End Black S	Steel 90 I	Degree Elbow			\$8,460.8
						Quantity		Unit Price		Factor	1000	Total	
					Installation	12.00	X	550.92	×	1.2798	=	8,460.81	
025/981093	23	21	13	23 04210112	MOD F	or Work In Restricte	d Workir	ng Space, Add				la la	\$1,838.9
103								CHANGE TO CHANGE THE PROPERTY.					
103					Installation	Quantity		Unit Price		Factor 1.2798		Total 1,838.94	

Work Order Number: ezIQC-GKK-FM08430009308.01

104	23	21	13	23 0468	EA	6" Stan	dard Weight W	lelded P	lain End Black St	eel Tee	De Filippe		Applications :	\$16,273.83
104	23	21	13	23 0466	EA	o Stari		elueu F	Unit Price		Factor		Total	\$10,273.03
					Installat	ion	Quantity 12.00	x	819.36	×	1,2798	=	12,583.40	
					Demolit	ion	6.00	x	480.60	x	1.2798	=	3,690.43	
105	23	21	13	23 04680112	MOD	1375.5	rk In Restricted			^	1.2700		0,000.10	\$2,766.42
700	20			20 0 1000 112			Quantity		Unit Price		Factor		Total	·
					Installat	ion	10.00	×	216.16	×	1,2798	=	2,766.42	
106	23	21	13	23 0544	EA	6" 150	Non-2007	ack Stee	I Slip-On Flange					\$3,926.32
100	25	21	10	20 0044		0,100	Quantity	2011 0100	Unit Price		Factor		Total	40,020.02
					Installat	ion	12.00	x	255.66	×	1.2798	=	3,926.32	
107	23	21	13	23 05440079	MOD	For 300	LB Rating, Ad	Ч	200.00					\$1,004.39
107	23	21	13	23 03440079	MOD	101300	Company Control of the Control of th	u	Unit Price		Factor		Total	ψ1,004.00
					Installat	ion	Quantity 12.00	x	65.40	×	1.2798	=	1,004.39	
					MOD	E10/-			(25)(25)(25)(25)		1.2700			\$054.47
108	23	21	13	23 05440112	MOD	For vvo	rk In Restricted	vvorkin	- managana wasan da a		F4		Total	\$954.47
					Installat	ion	Quantity	×	Unit Price	×	Factor	=	954.47	
		0					12.00		62.15		1.2798			
109	23	21	13	23 0730	EA	6" x 4"	Standard Weig	ht, Flang	ged Steel, Conce	ntric Red	ucer			\$20,443.12
						•	Quantity		Unit Price		Factor		Total	
					Installat	tion	12.00	X	1,331.14	×	1.2798	=	20,443.12	
					this is t 3 flange	ypical for e x 4 units	4 units per pro	vided pic	ctures		14			i e
110	23	21	13	23 07300118	MOD	For Ex	tra Heavy Weig	ht Fitting	gs, Add					\$22,799.89
							Quantity		Unit Price		Factor		Total	
					Installa	tion	12.00	X	1,484.60	X	1.2798	=	22,799.89	
					this is t	ypical for	4 units per pro	vided pic	ctures		W	-	L. L.	
111	23	21	16	00 0513	EA	6" Flan	ged, Iron Body	Basket	Strainer					\$10,361.47
							Quantity		Unit Price		Factor		Total	
					Installa	tion	4.00	×	2,024.04	×	1.2798	_	10,361.47	
Subt	otal	for	MEC	Н										\$92,854.2
lo C	ate	norv	Inn	ut										
112		22	16	00 0002	EA	costs. quantit = \$125 separa (e.g. s	The base costy to adjust the 5.00 Reimbursa ately and add a idewalk closure og costs, etc.).	t of the F base cos ble Fee) commer road co	able Fees will be Reimbursable Fe st to the actual R . If there are mul nt in the "note" bl ut, various permi f each receipt sh	e is \$1.00 eimbursa tiple Rein ock to ide ts, extend	 Insert the a ble Fee (e.g. abursable Fee entify the Rein led warrantee 	pprop quan es, lis nburs e, exp	riate tity of 125 t each one able Fee edited	-\$1,084,718.00
							Quantity		Unit Price		Factor	r	Total	
					Installa	ition	-1,084,718.0	×	1.00	X	1.0000	=	-1,084,718.	
					Credit	back to o	wner for origina	INTP b	ased on actual ta	sk repres	sented	1007		
2	-4-1	£c.	N.	Cotogonilani	.4					To be also be			TG TV	-\$1,084,718.
วมกโ	otal	TOL	NO	Category Inpu										Ţ.,,C.,,, 10.

Work Order Number: ezIQC-GKK-FM08430009308.01

113	01	22	20	00 0057	HR		Pipe FitterFor by owner only		ot included in the	Construc	tion Task Cat	alog®	and as	\$55,824.11
					Installatio	on	Quantity 495.00	×	Unit Price 88.12	×	Factor 1.2798	=	Total 55,824.11	
							and install lat		7 0 20			10/5/	2019 from specifi	ed manufacturer
114	01	22	20	00 00570004	MOD	For Fore	man, Add		1					\$620.83
					Installatio	on	Quantity 110.00	×	Unit Price 4.41	x	Factor 1.2798	=	Total 620.83	
115	01	22	20	00 0064	HR	WelderFo		cluded	in the Construction	on Task Ca	atalog® and a	as dire	ected by	\$20,530.04
	60				Installatio	on	Quantity 192.00	x	Unit Price 83.55	×	Factor 1,2798	=	Total 20,530.04	
							pe, pipe asse e, two phases		equipment base	assemblie	es, seismic co	mpor	nents and attachn	nents: 2 men for
116	01	22	20	00 00640004	MOD	For Fore	man, Add			7m				\$513.56
					Installatio	on	Quantity 96.00	×	Unit Price 4.18	×	Factor 1.2798	=	Total 513.56	
117	01	22	23	00 0057	МО	20' Electi	ric, Scissor PI	atform I	_ift					\$2,783.53
					Installatio	on	Quantity 3.00	x	Unit Price 724.99	x	Factor 1.2798	=	Total 2,783.53	
					3 WEEK	S PER PH	ASE, 4 PH	ASES					E	
118	01	22	23	00 0804	MO	300 To 3	49 AMP, Dies	el Powe	red Towable Wel	ding Mach	nine			\$806.25
					Installation	on	Quantity 1.00	x	Unit Price 629.98	×	Factor 1.2798	=	Total 806.25	
				-	2 weeks	per phase	e, two phases	•						141
119	01	22	23	00 0811	WK	Torch Bu	rning Packag	e With F	Full Time Operato	or				\$6,951.12
					Installatio	nn	Quantity		Unit Price		Factor	=	Total 6,951.12	
							1.50	X	3,620.94	X	1.2798		31	
400	04	20	00	00 08110039	MOD	AND THE REST	pment costs o	100000	or costs for this v	vork are in	iciuaea with c	iemo	labor.	ec 400 40
120	UI	22	23	00 06110039	WIOD	FOI Equi	Quantity	it Opera	Unit Price		Factor		Total	-\$6,466.49
					Installation	on	1.50	x	-3,368.49	X	1.2798	=	-6,466.49	
121	01	22	23	00 0839	МО	100 Ton	Manual Hydra	aulic Bot	ttle Jack					\$322.70
					1	enters.	Quantity		Unit Price		Factor		Total	
					Installatio		1.50	X	168.10	X	1.2798	_	322.70	
							hase, two ph							
122	01	22	23	00 0888	WK	Portable	Fume Extrac	tor					T -4-1	\$558.31
					Installation	on	Quantity 5.00	x	Unit Price 87.25	×	Factor 1.2798	_	Total 558.31	
					Welder t 192 / 8 h	time is 192	y = 24 working							
123	01	22	23	00 1014	МО	15,000 L	B Straight Ma	ast, Indu	strial Warehouse	Forklift V	Vith Full-Time	Oper	rator	\$22,885.45
					Installation	on	Quantity 1.00	×	Unit Price 17,882.05	×	Factor 1.2798	_	Total 22,885.45	
							lifting and traitwo phases.	nsport o	f heavy plumbing	equipme	nt, steel pipe	valve	es, and pipe asse	mblies Two

Work Order Number: ezIQC-GKK-FM08430009308.01

LUN									D' 1 4 1 1					****
124	01	22	23	00 10140042	MOD	For Propai		f Gas C	r Diesel, Add				2	\$608.61
					Installation	n	Quantity 1.00	×	Unit Price 475.55	×	Factor 1,2798	=	Total 608.61	
125	01	54	23	00 0022		Rolling Sca	affolding >14	' To 20'	Complete With V	Vheels, R	1000 DATE (2000)	5' Wide	X 7'	\$312.41
					22 00 000000		Quantity		Unit Price		Factor		Total	
					Installatio	n	1.50	×	162.74	×	1.2798	=	312.41	
					Three we	eks per ph	ase, two pha	ases. Ac	cess for high pip	e assemb	oly and welding	g.		
126	01	54	23	00 0026		Rolling Sc 20'	affolding Init	ial Erect	ion And Final Dis	mantling		ffold, >1		\$233.03
					Installatio	'n	Quantity		Unit Price	ų.	Factor	=	Total 233.03	
							2.00	X	91.04	X	1.2798		233.03	
						phase, two								
127	01	71	13	00 0002		Rollback F dismantlin skid-steer	latbed Truck g, loading ar loaders (bot	dnclude nd trans ocats), ii	very, Pickup, Mo is delivery of equ porting away. Fo ndustrial warehot articulating boom	ipment, o r equipme use forklift	ff loading on s ent such as tre ts, sweepers,	ite, riggi nchers, scissor	ng,	\$515.30
							Quantity		Unit Price		Factor		Total	
					Installatio	on	2.00	×	201.32	×	1.2798	=	515.30	
					FOR PIP	EFITTER'S	SCISSOR	LIFT, O	NE PER PHASE	TWO PH	HASES			
128	02	41	19	13 0271	IN				rete Per Inch Of	0.00		5		\$62.0
			A15.0				Quantity		Unit Price		Factor		Total	
					Installatio	on	24.00	x	2.02	×	1.2798	=	62.04	
					1/P4.01									
129	05	05	19	00 0089	EA	5/8" Diam Bolt	eter x 6" Ler	gth, Ho	t Dipped Galvani	zed Steel	, Wedge Anch	or Expa	nsion	\$453.3
					Installatio		Quantity		Unit Price		Factor	_	Total	
					installatio	on	16.00	X	22.14	×	1.2798		453.36	
					Ref: deta	ails 2&3 P4	.01							
130	05	43	00	00 0003	LF	1-5/8" Wid	de x 1-5/8" H	ligh, 12	Gauge, Steel Un	istrut Cha	annel			\$873.3
					Installatio	on.	Quantity		Unit Price	v	Factor	=	Total 873.34	
					1 12 10 10 10 10 10 10 10 10 10 10 10 10 10	JII	80.00	X	8.53	X	1.2798		073.34	
					1/P4.01									10.0001046.0000
131	05	43	00	00 00030167	MOD	For Galva	nizing, Add							\$81.9
					Installatio	on	Quantity	v	Unit Price	v	Factor	=	Total 81.91	
					mstanatic		80.00	х	0.80	^	1.2798		01.01	
132	05	43	00	00 0018	EA	Flat Plate	Fitting, One	Hole, 1	-5/8" Channel P	1064				\$144.1
					Installation	••	Quantity		Unit Price		Factor	=	Total 144.16	
					mstallatio	on	11.00	X	10.24	×	1.2798		144.16	
				-6	1/P4.01									
133	05	43	00	00 0019	EA	60 Degre	e Angle, 1-5	8" Char	nnel P2097					\$54.2
					Installation	on	Quantity		Unit Price		Factor		Total 54.26	
						OII	4.00	×	10.60	×	1.2798		34.20	
					1/P4.01				(a) (a) (b) (b) (b)					20.00000
134	05	43	00	00 0026	EA	1/2-13, S		t With S	Spring For Unistru	ıt Channe			+	\$197.8
					Installation	on	Quantity	~	Unit Price	¥	Factor	2000	Total 197.81	
					Jtanath		24.00	X	6.44	X	1.2798			

Work Order Number: ezIQC-GKK-FM08430009308.01

LUN	-											THE STREET OF STREET	
135	22	00	00	00 0000	RUHS	MC - Heat Exch	nangers	& Equipment					\$614,416.13
				NPP	Installation	Quantity		Unit Price		Factor		Total	
						1.00	X		X	1.2563			
					Ref: County app		quote dat	ted 10/5/2019 fro	m specifie	ed manufactu	rer.		
					additional explar County wanted t approved the co	o move forward		I manufacture an	nd there wa	as only one s	upplie	for this manuf	acture. so coun
36	23	05	23	00 0365	EA 2" Clas	s 300, Flanged	, Cast St	eel, Globe Valve					\$4,893.85
						Quantity		Unit Price		Factor		Total	
					Installation	4.00	×	955.98	x	1.2798		4,893.85	
137	23	05	23	00 03650338	MOD For Wo	ork In Restricted	Working	Space, Add					\$227.24
						Quantity		Unit Price		Factor		Total	
					Installation	4.00	X	44.39	x	1.2798	=	227.24	
138	23	21	13	23 0400	LF 2-1/2"	Schedule 40, W	/elded Pl	ain End Black St	eel Pipe	1. 17 17 18		112 24	\$2,013.89
						Quantity		Unit Price		Factor		Total	
					Installation	80.00	X	19.67	x	1.2798	=	2,013.89	
139	23	21	13	23 04000112	MOD For W	ork In Restricted	Working	g Space, Add				131 V 122	\$358.60
, 00				20 0 1000 1.12		Quantity		Unit Price		Factor		Total	
					Installation	60.00	x	4.67	×	1.2798	=	358.60	
140	23	21	13	23 0402	LF 4" Sch	edule 40. Weld	ed Plain	End Black Steel	Pipe		1	P. SEPT.	\$2,469.30
140	23	21	13	23 0402	Li 4 001	Quantity	ou i ium	Unit Price		Factor		Total	170
					Installation	62.00	x	31.12	×	1.2798	=	2,469.30	
141	23	21	13	23 04020112	MOD For W	ork In Restricted	l Workin			0.77			\$397.38
141	23	21	13	23 04020112	WOD TOTAL	Quantity	2	Unit Price		Factor		Total	
					Installation	50.00	x	6.21	×	1.2798	=	397.38	
142	22	21	13	23 0414	EA 1" Sta	500000000000000000000000000000000000000	Velded P	lain End Black S	teel 90 De	aree Elbow			\$5,625.80
142	23	21	13	23 04 14	LA 1 Old	Quantity	volucu i	Unit Price		Factor		Total	
					Installation	48.00	x	91.58	×	1.2798	=	5,625.80	
112	22	21	13	23 04140112	MOD For W	ork In Restricte	d Workin	1 404					\$1,112.20
143	23	21	13	23 04 140 112	WOD TO V	Quantity	u v voi kii	Unit Price		Factor		Total	
					Installation	36.00	x	24.14	×	1.2798	=	1,112.20	
		0.4	- 10	00.0447	EA 2" Sta	100000000000000000000000000000000000000	Molded E	Plain End Black S	Steel 90 De			12701	\$4,295.8
144	23	21	13	23 0417	EA 2 Sta		velueu i	Unit Price	neer oo b	Factor		Total	Ψ1,200.0
					Installation	Quantity 24.00	×	139.86	x	1.2798	=	4,295.83	
					1100 50					1.2700			\$873.5
145	23	21	13	23 04170063	MOD For S	chedule 80 Fittir	igs, Add			Footor		Total	\$675.5
					Installation	Quantity	x	Unit Price	×	Factor 1.2798	=	873.54	
				10		24.00		28.44		1.2730			6000.0
146	23	21	13	23 04170112	MOD For W	ork In Restricte	d Workin	2001 2000 2000				Takal	\$889.9
					Installation	Quantity	v	Unit Price	x	Factor	=	Total 889.90	
						18.00	×	38.63		1.2798			
147	23	21	13	23 0420	EA 4" Sta	andard Weight, V	Welded F	Plain End Black S	Steel 90 D				\$1,635.4
					Installation	Quantity		Unit Price	v	Factor	=	Total 1,635.43	
						4.00	X	319.47	X	1.2798		1,000.40	
148	23	3 21	13	23 04200112	MOD For W	Vork In Restricte	d Workir	ng Space, Add				72 F65	\$445.6
					Installation	Quantity	5900	Unit Price	v	Factor	=	Total 445.68	
					mstallation	4.00	x	87.06	x	1.2798		440.00	

Work Order Number: ezIQC-GKK-FM08430009308.01

LUN	7	800											
149	23	21	13	23 0461	EA 1" Sta		lelded F	Plain End Black S	teel Tee	_		500 13 15	\$2,444.16
					Installation	Quantity 12.00	x	Unit Price 159.15	x	Factor 1.2798	=	Total 2,444.16	
50	23	21	13	23 04610112	MOD For W	ork In Restricted	Workin	g Space, Add					\$508.85
					TE 0 11/02	Quantity		Unit Price		Factor		Total	
					Installation	10.00	×	39.76	×	1.2798	=	508.85	
51	23	21	13	23 0464	EA 2" Sta	andard Weight, V	elded F	Plain End Black S	teel Tee			The state of	\$1,277.91
					In atallation	Quantity		Unit Price		Factor	-	Total	
					Installation	4.00	×	249.63	×	1.2798		1,277.91	
52	23	21	13	23 04640063	MOD For S	chedule 80 Fittin	gs, Add						\$264.46
					la stallation	Quantity		Unit Price		Factor	9 <u>55</u>	Total	
					Installation	4.00	X	51.66	×	1.2798		264.46	
53	23	21	13	23 04640112	MOD For V	ork In Restricted	Workin	g Space, Add					\$339.81
					la stallation	Quantity		Unit Price		Factor	_	Total	
					Installation	4.00	X	66.38	×	1.2798		339.81	
54	23	21	13	23 0541	EA 2-1/2	', 150 LB, Welde	d Black	Steel Slip-On Fla	inge				\$2,268.2
					14-11-4:	Quantity		Unit Price		Factor	_	Total	
					Installation	16.00	×	110.77	×	1.2798	_	2,268.22	
55	23	21	13	23 05410079	MOD For 3	00 LB Rating, Ad	d						\$557.5
						Quantity		Unit Price		Factor	<u></u>	Total	
					Installation	16.00	×	27.23	×	1.2798		557.58	
56	23	21	13	23 05410112	MOD For V	Vork In Restricted	Workir	ng Space, Add					\$420.0
						Quantity		Unit Price		Factor	5 <u></u>	Total	
					Installation	12.00	X	27.35	x	1.2798	-	420.03	
57	23	21	13	23 0543	EA 4", 15	0 LB, Welded Bl	ack Ste	el Slip-On Flange					\$3,529.5
					ta dallada a	Quantity		Unit Price		Factor	_	Total	
					Installation	16.00	X	172.37	×	1.2798		3,529.59	
58	23	21	13	23 05430079	MOD For 3	00 LB Rating, Ad	ld						\$883.5
					Installation	Quantity		Unit Price		Factor	_	Total	
					Installation	16.00	х	43.15	×	1.2798	N-T-65	883.57	
59	23	21	13	23 0664	EA 2-1/2	", Cut And Prepa	re For V	Velding Existing I	n Place B	lack Steel Pip	е		\$70.4
					Installation	Quantity		Unit Price		Factor	_	Total	
					Installation	2.00	X	27.52	×	1.2798		70.44	
60	23	21	13	23 06640112	MOD For V	Vork In Restricted	d Workin	ng Space, Add					\$21.1
					In atallation	Quantity		Unit Price		Factor	_	Total	
					Installation	2.00	x	8.26	×	1.2798		21.14	
61	23	21	13	23 0665	EA 3", C	ut And Prepare F	or Weld	ling Existing In Pl	ace Black	Steel Pipe			\$154.5
					Installation	Quantity		Unit Price		Factor	_	Total	
					Installation	4.00	x	30.18	×	1.2798	=	154.50	
62	23	21	13	23 06650112	MOD For V	Vork In Restricte	d Worki	ng Space, Add					\$46.3
					leatelle V	Quantity		Unit Price		Factor	2	Total	
					Installation	4.00	x	9.05	X	1.2798		46.33	
163	23	21	13	23 0666	EA 4", C	ut And Prepare F	or Weld	ling Existing In P	lace Black	Steel Pipe			\$336.2
					Inotolistics	Quantity		Unit Price		Factor	_	Total	
					Installation	8.00	×	32.84	×	1.2798	=	336.23	

Work Order Number: ezIQC-GKK-FM08430009308.01

LUM	В											-		
64	23	21	13	23 06660112	MOD	For Work	In Restricted	Working	g Space, Add					\$75.64
					Installatio	on	Quantity	,	Unit Price	v	Factor	=	Total 75.64	
				5.5.	Ilistaliatio		6.00	×	9.85	X	1.2798		75.04	
65	23	21	13	23 0728	EA	4" x 3" Sta	andard Weigh	t, Flang	ed Steel, Concer	tric Redu	ıcer		Y	\$16,632.90
					Installation	00	Quantity		Unit Price	20	Factor	=	Total 16,632.90	
				(5)			16.00	×	812.28	x	1.2798		10,032.90	
						pical for 4 of x 4 units =	units per prov : 16	ided pic	tures				10	я 9
166	23	21	13	23 07280118	MOD	For Extra	Heavy Weigh	t Fitting	s, Add					\$18,092.28
							Quantity		Unit Price		Factor		Total	
					Installation	on	16.00	X	883.55	×	1.2798	_	18,092.28	
167	23	21	13	23 1900	EA	1-1/2" Ba	II Valve, Groo	ved, Wit	th Standard Trim					\$3,274.45
							Quantity		Unit Price		Factor		Total	
					Installati	on	16.00	x	159.91	×	1.2798	=	3,274.45	
168	23	21	13	23 1908	EA	2" Rall Vs	alve Grooved	With S	tainless Steel Trir	n				\$5,950.15
100	23	21	13	23 1900		Z Daii ve	Quantity	, , , , , , ,	Unit Price		Factor		Total	10
					Installati	ion	16.00	x	290.58	×	1.2798	=	5,950.15	
	6825	700000E	anon				REPARKE							\$949.74
169	23	21	13	23 2001	EA	2" Coppe	er 90 Degree I	=ibow, G			Easter		Total	Ψ343.14
					Installati	ion	Quantity	×	Unit Price	x	Factor 1.2798	=	949.74	
				III	motanati		10.00	0.000	74.21		1.2790		SOME THAT COLO	
170	23	21	13	23 2002	EA	2-1/2" Co	opper 90 Degi	ee Elbo					- VOID-2414 (C	\$3,222.79
					14-11-4		Quantity		Unit Price		Factor	=	Total 3,222.79	
					Installati	ion	30.00	X	83.94	X	1.2798	10000	3,222.79	
171	23	21	13	23 2003	EA	3" Coppe	er 90 Degree	Elbow, C	Grooved					\$570.53
					9 8 90 10	2	Quantity		Unit Price		Factor	=	Total	
					Installat	ion	4.00	X	111.45	×	1.2798		570.53	
172	23	21	13	23 2004	EA	4" Coppe	er 90 Degree	Elbow, (Grooved					\$5,563.03
							Quantity		Unit Price		Factor		Total	
					Installat	tion	20.00	X	217.34	×	1.2798	=	5,563.03	
173	23	21	13	23 2018	EA	2-1/2" C	opper Tee, Gr	ooved						\$669.80
115	20	-		20 20 .0			Quantity		Unit Price		Factor		Total	
					Installat	tion	4.00	x	130.84	×	1.2798	=	669.80	
		- 04	40	00.0040	EA	2" Conn	er Tee, Groov	od.						\$932.41
174	23	21	13	23 2019	EA	3 Copp		eu	Unit Price		Factor		Total	
					Installat	tion	Quantity 4.00	x	182.14	×	1.2798	=	932.41	
									102.14	1077	1,2700			\$4,430.4
175	23	21	13	23 2020	EA	4" Copp	er Tee, Groov	ed			Faster		Total	94,430.4
					Installa	tion	Quantity	v	Unit Price	×	Factor 1.2798	_	4,430.41	
					1981060013004233333	3016 000110	10.00	x	346.18		1.2798			
176	33	14	13	39 0003	LF	3/4" Typ	e L Copper V	later Dis	stribution Pipe		6		2277	\$308.6
					lastalla	4:	Quantity		Unit Price	1000	Factor		Total 308.69	
					Installa	ition	40.00	X	6.03	X	1.2798		308.09	
177	33	14	13	39 0007	LF	2" Type	L Copper Wa	ter Distr	ibution Pipe					\$852.8
					3050		Quantity		Unit Price		Factor		Total	
					Installa	ition	40.00	×	16.66	X	1.2798	=	852.86	
178	33	3 14	13	39 0008	LF	2-1/2" T	ype L Copper	Water [Distribution Pipe					\$2,741.3
		3 19.00					Quantity		Unit Price		Factor		Total	
					Installa	ation	100.00	x	21.42	×	1.2798	=	2,741.33	

Work Order Number: ezIQC-GKK-FM08430009308.01

	В		_			W. C	1000000					The course sense sould
179	33	14	13	39 0009	LF 3" Type	L Copper Water	er Distrib	ution Pipe				\$2,704.99
						Quantity		Unit Price		Factor	Total	
					Installation	80.00	×	26.42	×	1.2798	2,704.99	
180	33	14	13	39 0011	LF 4" Type	L Copper Wate	er Distrib	ution Pine	11 12 11			\$4,792.60
100	55	14	10	33 0011	Li 4 19p		Diouin.			Factor	Total	* 11.52.55
					Installation	Quantity		Unit Price	v	Factor =	4,792.60	
					mstallation	80.00	x	46.81	x	1.2798	4,732.00	
181	33	14	19	00 0214	EA 2" Gate	Valve, Flange	t					\$9,602.34
						Quantity		Unit Price		Factor	Total	
					Installation	20.00	x	375.15	×	1.2798	9,602.34	
182	34	71	13	26 0189	EA Base F	Plate With Ancho	or Bolts F	or Mounting Pos	t On Con	crete		\$854.09
102	34	1	10	20 0 100	LA base i		J. Dono.			Factor	Total	
					Installation	Quantity	x	Unit Price	×		854.09	
					motanation	4.00	^	166.84	^	1.2798		
					1/P4.01		. 20.1					
183	46	82	83	00 0729	EA 3/4" C	ompression Fitti	ng With	1" Male NPT Mo	unting Ac	cessory (Sierra	640S M1)	\$4,485.96
								11-25		Ec-t	Total	
					Installation	Quantity		Unit Price	v	Factor =	4,485.95	
				SC 4 30 E	mstanation	15.00	X	233.68	X	1.2798	4,400.00	
ubto	tal	for	DI 11	MR			-	,= -,-				\$848,350.2
ubtt	lai	101	LU	WID .			1. 2.	20				
EISI	MIC											
184	01	22	20	00 0057		/ Pipe FitterFor		ot included in the	Construc	ction Task Catalo	og® and as	\$676.66
						Quantity		Unit Price		Factor	Total	
					Installation	6.00	×	88.12	×	1.2798	676.66	
					Field measure a	and survey						
185	05	05	23	00 0721			nath Hot	Dipped Galvania	zed Steel	Low Carbon/G	rade 2. Hex	\$417.11
100	03	03	23	00 0721	Head		igui, i ioi	Dippod Gaillain				1.00.100.000
						Quantity		Unit Price		Factor	Total	
					Installation	48.00	×	6.79	×	1.2798	417.11	
400		0.5		00.4044	EA 1/2" D	0.808,8003	anad Gal	vanized Steel, Lo	ow Carbo	100000000000000000000000000000000000000	Nut	\$61,43
186	05	05	23	00 1341	EA 1/2 D		opeu Gai		JW Carbo			ψ01.40
					Installation	Quantity	G 231	Unit Price	v	Factor =	Total 48.53	
					Ilistaliation	48.00	×	0.79	×	1.2798		
				14	Demolition	48.00	×	0.21	X	1.2798 =	12.90	
187	05	05	23	00 1490	EA 1/2" Ir	nside Diameter,	Hot Dipp	ed Galvanized S	teel Lock	Washer		\$8.60
						Quantity		Unit Price		Factor	Total	
					Installation	48.00	×	0.14	×	1.2798	8.60	
100	0E	12	00	00 0003	LF 1-5/8"	Wide v 1-5/8" H	ligh 12 (Gauge, Steel Un	istrut Cha	innel		\$3,458.66
188	05	43	00	00 0003	Li 1-3/6	Quantity	g., 12 \	Unit Price		Factor	Total	. 2,
					Installation	100mm17m20000000000000000000000000000000	~		×	1.2798	2,729.17	
						250.00	X	8.53				
					Demolition	300.00	X	1.90	X	1.2798 =	729.49	W 5555
189	05	43	00	00 00030167	MOD For G	alvanizing, Add						\$255.96
						Quantity		Unit Price		Factor	Total	
					Installation	250.00	×	0.80	×	1.2798	255.96	
190	05	43	00	00 0018	EA Flat P	late Fitting. One	Hole. 1-	-5/8" Channel P1	064			\$633.42
, 50	00	10	00				10000000	Unit Price		Factor	Total	
					Installation	Quantity			×	1.2798		
						36.00	×	10.24	~	1.2/98	11	
					Demolition	30.00	×	4.21	X	1.2798 =	161.64	

Work Order Number: ezIQC-GKK-FM08430009308.01

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental #1

191	05	43	00	00 0027	EA 5/8-11,	Steel Lock Nut	With Sp	ring For Unistrut	Channel			\$517.24
					Installation	Quantity 48.00	×	Unit Price 8.42	×	Factor 1.2798 =	Total 517.24	
192	05	43	00	00 0046	EA Unistru	t Beam Clamp,	1-5/8" C	hannel P2676				\$530.76
					Installation	Quantity 16.00	×	Unit Price 19.61	x	Factor 1.2798 =	Total 401.55	
					Demolition	16.00	X	6.31	x	1.2798 =	129.21	
193	05	43	00	00 0072	PR 2-1/2"	Pipe And Rigid	Steel Co	nduit Clamps Wi	th Nylon	Hardware		\$199.65
				*	Installation	Quantity 8.00	×	Unit Price 15.42	x	Factor 1.2798 =	Total 157.88	
					Demolition	8.00	x	4.08	x	1.2798 =	41.77	
194	05	43	00	00 0073	PR 3" Pipe	And Rigid Stee	el Condu	it Clamps With N	lylon Han	dware		\$152.65
					Installation	Quantity 6.00	×	Unit Price 15.80	x	Factor =	Total 121.33	
					Demolition	6.00	x	4.08	×	1.2798 =	31.33	
195	05	43	00	00 0075	PR 4" Pipe	And Rigid Stee	el Condu	it Clamps With N	lylon Har	dware		\$180.38
					Installation	Quantity 6.00	×	Unit Price 18.63	×	Factor = 1.2798	Total 143.06	
					Demolition	6.00	x	4.86	×	1.2798 =	37.32	

Proposal Total -\$48,862.78

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:
Owner PO #:

ezIQC-GKK-FM08430009308.01 ezIQC-GKK-FM08430009308.01

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental #1

Contractor:

gkkworks Construction Services

Proposal Value:

-\$48,862.78

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

EZIQC Contract No.: CA-CR-GB03-062718-GKK								
New Work Order X Modify an Existing Work Order								
Work Order Number.: ezIQC-GKK-FM08430009308.03 Work Order Date: 08/05/2020								
Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion Owner Name: County of Riverside Facilities Mgmt. Contractor Name: gkkworks Construction Services								
Contact: Nahid Selbe Contact: Brandon Dekker								
Phone: (951) 955-4728 Phone: (949) 250-1500								
EZIQC Contract No CA-CR-GB03-062718-GKK. Brief Work Order Description: Address needs for any additional expansion tanks as indicated in RFI #1 Response. Time of Performance Estimated Start Date: 08/05/2020 Estimated Completion Date: 08/05/2020 Liquidated Damages Will apply: X Will not apply:								
Will not apply: Will not apply: Will not apply: Will not apply: Work Order Firm Fixed Price: \$14,399.25 Owner Purchase Order Number: ezIQC-GKK-FM08430009308.03								
Approvals Nakid Selbe 08,21,2020 County of Riverside Facilities Momt. Date Contractor								



Detailed Scope of Work

To: Brandon Dekker

> gkkworks Construction Services 2355 Main Street, Suite 220

Irvine, CA 92614 (949) 250-1500

From: Nahid Selbe

County of Riverside Facilities Mgmt.

3133 Mission Inn Avenue Riverside, CA 92507 (951) 955-4728

Date Printed:

August 05, 2020

Work Order Number: ezIQC-GKK-FM08430009308.03

Work Order Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion Tank

Brief Scope:

Address needs for any additional expansion tanks as indicated in RFI #1 Response.

Preliminary	Revised	X Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Address needs for any additional expansion tanks as indicated in RFI #1 Response.

Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK.

Contractor

Nahid Selbe 08,21,2020

County of Riverside Facilities Mgmt.

Date

Contractor's Price Proposal - Summary

Date: August 05, 2020

IQC Master Contract #: Re:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.03 ezIQC-GKK-FM08430009308.03

Owner PO #:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion Tank

Title: Contractor:

Proposal Value:

gkkworks Construction Services

No Category Input

\$14,399.25

Proposal Total

\$14,399.25

Thisl total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

\$14,399.25

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

rae master contract ».

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.03

Work Order #: Owner PO #:

ezIQC-GKK-FM08430009308.03

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion Tank

Contractor:

gkkworks Construction Services

Proposal Value:

\$14,399.25

	Sec	ct.	It	em Mod.	UOM D	escriptio	on	5522 A		ип			Line Total
bor	E	quip.	Ma	terial (Exclude:	s)					17.7		i	
o Ca	iteg	ory	Inpu	ıt				st m					
1	01	22	16	00 0002	; ; ; ;	costs. Transport to the costs. The costs. The costs of th	he base cost o adjust the b O Reimbursab y and add a c walk closure, costs, etc.). A	of the Repase cost ole Fee). comment road cut	eimbursable Fee to the actual Re If there are mult in the "note" blo , various permits	is \$1.00. eimbursat iple Reim ock to ider s, extende	e contractor for elig. Insert the approprope Fee (e.g. quanti bursable Fees, list ntify the Reimbursa ed warrantee, expe mitted with the Price	ate ty of 125 each one ble Fee dited	\$310.20
							Overtity		Unit Price		Easter	Total	
					Installation	1	Quantity 282.00	×	Unit Price 1.00	×	Factor = 1.1000	310.20	
					14089.05	V 2 % -			1.00		1.1000		
2	01	22	20	00 0064	HR \		r tasks not in	cluded in	the Construction	n Task C	atalog® and as dire	ected by	\$1,283.13
							Quantity		Unit Price		Factor	Total	
					Installation	n	12.00	×	83.55	×	1.2798	1,283.13	
					to weld the 2 people 6								
3	01	22	20	00 00640004	MOD I	For Forer	man, Add	7	N N	42.			\$32.10
					100 10 10 100		Quantity		Unit Price		Factor	Total	
					Installation	n	6.00	×	4.18	×	1.2798	32.10	
4	01	22	23	00 0055	DAY :	20' Electr	ric, Scissor Pl	atform Li	ft				\$463.93
							Quantity		Unit Price		Factor	Total	
					Installation	n	2.00	×	181.25	×	1.2798	463.93	
5	05	05	19	00 0011	EA :	3/8" Dian	neter x 5" Ler	ngth, Zinc	Plated Steel, V	Vedge An	chor Expansion Bo	t	\$112.4
							Quantity		Unit Price		Factor	Total	
					Installation	n	8.00	×	10.98	×	1.2798 =	112.42	
					expansior 4 anchors								
6	05	05	19	00 0013	EA	1/2" Dian	neter x 3-3/4"	Length,	Zinc Plated Stee	el, Wedge	Anchor Expansion	Bolt	\$198.3
							Quantity		Unit Price		Factor	Total	
					Installation	n	10.00	X	15.50	×	1.2798 =	198.37	
					for pipes	support a	ttaching to co	oncrete s	0 10				
7	05	12	23	00 0530		- ' '	3/4" Angle Iro		The second secon				\$127.4
		-					Quantity	370	Unit Price		Factor	Total	
					Installation	n	4.00	×	24.89	×	1.2798 =	127.42	
					expansion	n tanks a	nchorage		8:100:063-20				
8	05	12	23	00 05300030	MOD	For Galv	anized Steel,	Add	5 14-	19	:- =,	=========	\$41.8
		_					Quantity		Unit Price		Factor	Total	1000 may 100
					Installation	n	4.00	×	8.18	X	1,2798 =	41.88	

Work Order Number: ezIQC-GKK-FM08430009308.03

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion

Tank

o C	ateg	jory	Inpu	ıt			MIL.					N =
9	22	11	16	00 0352	LF 1" F	lard Drawn Type L	Copper	Tube/Pipe	BV 6	N. A. P. S.		\$515.45
						Quantity		Unit Price		Factor	Total	
					Installation	48.00	X	6.88	×	1.2798	422.64	
					Demolition	28.00	x	2.59	×	1.2798 =	92.81	
					New piping to	new tanks per de	lta 1 pla	ns				
10	22	11	16	00 03520129	MOD For	Work In Restricted	Workin	g Space, Add				\$71.26
						Quantity		Unit Price		Factor	Total	
					Installation	48.00	X	1.16	×	1.2798	71.26	
11	22	11	16	00 0419	EA 1" 9	0 Degree Copper	Elbow					\$1,273.03
						Quantity		Unit Price		Factor	Total	
					Installation	16.00	×	45.84	×	1.2798	938.66	
					Demolition	9.00	x	29.03	×	1.2798 =	334.37	
12	22	11	16	00 04190129	MOD For	Work In Restricted	Workin	g Space, Add				\$267.22
						Quantity		Unit Price		Factor	Total	
					Installation	16.00	X	13.05	×	1.2798	267.22	
13	22	11	16	00 0464	EA 1" 5	Straight Copper Tee	Э					\$272.41
						Quantity		Unit Price		Factor	Total	
					Installation	3.00	X	70.95	×	1.2798		
14	22	11	16	00 04640129	MOD For	Work In Restricted	d Workin	ng Space, Add				\$75.67
					Nactive (III.) Very (III.)	Quantity		Unit Price		Factor	Total	\$10.01
					Installation	3.00	×	19.71	×	1.2798		
15	22	11	16	00 0469	EA 3" 5	Straight Copper Tee						£204.45
10	22	11	10	00 0403	LA 3.	Quantity	5	Unit Price		Footor	Total	\$204.15
					Installation	1.00	×	159.52	x	Factor 1.2798	204.15	
16	22	11	16	00 04690129	MOD For					1.2750		040.70
16	22	ш	16	00 04690129	WOD FO	Work In Restricted	VVOIKII	02/9 900/00/5: 30			T-4-1	\$40.79
					Installation	Quantity 1.00	×	Unit Price	x	Factor 1.2798	Total 40.79	
47				00.0470	E4 000			31.87		1.2790		
17	22	11	16	00 0472	EA 6"	Straight Copper Tee	9	77.702.7				\$1,119.38
					Installation	Quantity	x	Unit Price	x	Factor =	Total 1,119.38	
100000	10000	2011		11		1.00		874.65		1.2798	1,110.00	
18	22	11	16	00 04720129	MOD For	Work In Restricted	d Workir	ng Space, Add				\$114.52
					Installation	Quantity		Unit Price		Factor	Total	
					motanation	1.00	x	89.48	х	1.2798	114.52	
19	22	11	16	00 0482	EA 2" I	Reducing Copper T	ee					\$258.14
					In a tallation	Quantity		Unit Price		Factor	Total	
					Installation	2.00	X	100.85	×	1.2798	258.14	
20	22	11	16	00 04820129	MOD For	Work In Restricted	d Workir	ng Space, Add				\$63.40
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	X	24.77	×	1.2798	63.40	
21	22	11	16	00 0491	EA 1" (Copper Coupling	1/21/297			i i i i i i i i i i i i i i i i i i i		\$171.24
						Quantity		Unit Price		Factor	Total	- 1.1 M-
					Installation	3.00	×	44.60	x	1.2798		
22	22	11	16	00 04910129	MOD For	Work In Restricted	d Workin	11.0004///0004/				\$50.10
						Quantity		Unit Price		Factor	Total	ψ55.10
					Installation	Quantity		OTHER TICE		1.2798		

Work Order Number: ezIQC-GKK-FM08430009308.03

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion

Tank

o C			Inp	C-18/2-1-11								
23	22	11	16	00 0741	EA 3", Cut	And Prepare Ex	xisting In	Place Copper P	ipe			\$85.85
					Installation	Quantity		Unit Price		Factor _	Total	
					Installation	4.00	×	16.77	×	1.2798	85.85	
					POC to existing 3	" hot water sys	stem					
24	22	11	16	00 0743	EA 6", Cut	And Prepare Ex	xisting In	Place Copper P	ipe			\$165.61
						Quantity		Unit Price		Factor	Total	
					Installation	4.00	×	32.35	×	1.2798	165.61	
					POC to existing 6	" hot water sys	stem			9.81		
25	22	11	16	00 1153	EA 1" 125 I	B Cast Bronze	e, Screwe	ed, Union				\$242.42
						Quantity		Unit Price		Factor	Total	
					Installation	3.00	×	63.14	×	1.2798	242.42	
26	22	11	16	00 1234	EA 1" x 2" I	ong, Red Bras	s Pipe N	lipple				\$35.19
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	×	13.75	×	1.2798 =	35.19	
27	23	05	29	00 0075	EA 1" Copp	1700 P	is Hange	er, Light Duty (Co	noner R-I			\$258.39
21	23	05	23	00 0073	LA 1 COP		is manye	Unit Price	Joper D-L	Factor	Total	φ230,39
					Installation	Quantity 10.00	x	20.19	x	1.2798	258.39	
					piping support	10.00		20.13		1.2750		
		٥.	-00	00 00750000		d. In Dantsinta	I NA/a alaina	. C Add				***
28	23	05	29	00 00750398	MOD For Wo	rk In Restricted	vvorking	100 to 10				\$6.60
					Installation	Quantity	x	Unit Price	x	Factor =	Total 6.60	
-000				April 10 page	20-0-17-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	1.00		5.16		1.2798		
29 2	23	05	29	00 0330	EA 1" Stan	dard Two Hole	Pipe Stra	ap, Plain Steel (Cooper B	-Line B-3180)		\$173.41
					Installation	Quantity	1200	Unit Price	- 0200	Factor =	Total	
						10.00	X	13.55	X	1.2798	173.41	
					piping support							
30	23	05	29	00 03300398	MOD For Wo	rk In Restricted	l Working	Space, Add				\$37.88
					Installation	Quantity		Unit Price		Factor =	Total	
			-		mstallation	10.00	Х	2.96	x	1.2798	37.88	
31	23	05	29	00 0656	EA 3/8" Dia	meter, Thread	ed Rod C	Coupling Nut				\$81.14
						Quantity		Unit Price		Factor	Total	
					Installation	10.00	×	6.34	×	1.2798	81.14	
					piping support							
32	23	05	29	00 06560398	MOD For Wo	rk In Restricted	Working	Space, Add				\$20.99
						Quantity		Unit Price		Factor	Total	
					Installation	10.00	×	1.64	×	1.2798 =	20.99	
33	23	05	29	00 0664	EA 3/8" Ins	ide Diameter, 2	Zinc Plate	ed Steel, Low Ca	arbon Flat	t Washer	7	\$17.28
						Quantity		Unit Price		Factor	Total	0.1ku.000.77248
					Installation	30.00	×	0.45	×	1.2798 =	17.28	
					piping support							V:
34	23	05	29	00 06640398		rk In Restricted	Working	Space Add				\$4.22
		1				Quantity		Unit Price		Factor	Total	ψ7.22
					Installation	30.00	×	0.11	×	1.2798 =	4.22	
2 <i>F</i>	22	O.F.	20	00.0672	EA 2/0" D:		1 14 01 PARSON		1 15			004.50
35	23	UO	29	00 0672	EA 3/8" Dia		aleu Siel	el, Low Carbon/C	oraue Z F		Tatal	\$21.50
					Installation	Quantity 30.00	×	Unit Price 0.56	×	Factor 1.2798	Total 21.50	
					piping support	30.00	ene/0	0.56		1.2790	2000 C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.	

Work Order Number: ezIQC-GKK-FM08430009308.03

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion

36	23	05	29	00 06720398	MOD	For Wo	rk In Restricted	Working	Space, Add				\$5.76
					Installat	ion	Quantity 30.00	×	Unit Price 0.15	×	Factor 1.2798 =	Total 5.76	
37	23	05	29	00 0904	LF	3/8" Di	ameter, 304 Sta	inless S	teel Threaded Ro	od			\$255.96
					Installat	ion	Quantity 50.00	×	Unit Price 4.00	x	Factor 1.2798 =	Total 255.96	
					piping s	support			e. 500 - 100 -			1 2 2	e
38	23	05	29	00 09040398	MOD	For Wo	ork In Restricted	Working	Space, Add				\$19.20
					Installat	ion	Quantity 50.00	×	Unit Price 0.30	×	Factor 1.2798 =	Total 19.20	
39	23	21	16	00 0331	EA	22.0 G	allon Vertical Di	aphragm	Type (Bladder)	Steel Exp	pansion Tank		\$5,901.64
					Installat	tion	Quantity 2.00	×	Unit Price 2,216.89	x	Factor 1.2798 =	Total 5,674.35	
					Demolit Elbi DT		2.00 ansion tanks	×	88.80	×	1.2798 =	227.29	

Proposal Total \$14,399.25

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.03 ezIQC-GKK-FM08430009308.03

Owner PO #: Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #1/RFI #1 - Existing Expansion Tank

Contractor:

gkkworks Construction Services

Proposal Value:

\$14,399.25

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No	.: CA-CR-GB03	3-062718-GKK					
	New Work Order	X Modify an E	xisting Work Order					
Work Order Numb	per.: ezIQC-GKK-FM08430009308.0	4 Work Order Date:	08/05/2020					
Work Order Title: Owner Name:	RUHS MC EMERGENCY Dome County of Riverside Facilities Mgmt.		Exchanger-CO #2/RFI #5 - 120 Degree HW gkkworks Construction Services					
Contact:	Nahid Selbe	Contact:	Brandon Dekker					
Phone:	(951) 955-4728	Phone:	(949) 250-1500					
EZIQC Contract No CA-CR-GB03-062718-GKK. <u>Brief Work Order Description:</u> Address drawing discrepancy regarding 6" Butterfly Valve and 6" Linestop per RFI #5 Response.								
Time of Perform	Estimated Completion Da							
Work Order Fir	m Fixed Price: \$17,622.84							
Owner Purchase Order Number: ezIQC-GKK-FM08430009308.04								
Approvals								
	08,21,2020 de Facilities Mgmt. D	ate Contracto	B 8/6/22 Date					



Detailed Scope of Work

Nahid Selbe 08,21,2020

County of Riverside Facilities Mgmt.

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.04 Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #2/RFI #5 - 120 Degree HW Supply and Positive shut-off **Brief Scope:** Address drawing discrepancy regarding 6" Butterfly Valve and 6" Linestop per RFI #5 Response. **Preliminary** Revised X Final The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address drawing discrepancy regarding 6" Butterfly Valve and 6" Linestop per RFI #5 Response. Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor

Date

Contractor's Price Proposal - Summary

Date: August 05, 2020

Re: IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.04

Owner PO #:

ezIQC-GKK-FM08430009308.04

Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #2/RFI #5 - 120 Degree HW Supply and Positive shut-off

Contractor:

gkkworks Construction Services

Proposal Value:

\$17,622.84

No Category Input

\$17,622.84

Proposal Total

\$17,622.84

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

67.72%

Contractor's Price Proposal - Detail

Date: August 05, 2020

IQC Master Contract #: Re:

CA-CR-GB03-062718-GKK

Work Order #: ezIQC-GKK-FM08430009308.04 Owner PO #: ezIQC-GKK-FM08430009308.04

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #2/RFI #5 - 120 Degree HW Supply Title:

and Positive shut-off

Contractor: gkkworks Construction Services

Proposal Value: \$17,622.84

	Se	ct.	lt	em	Mod.	UOM	Descripti	ion							Line Tota
bor	E	quip.	Ma	terial	(Excludes)			ery some maneralisers							13
o Ca	ateq	ory	Inpu	ıt	El III				2711						
1	01		16	00 000	02	EA	costs. T quantity: = \$125.0 separate (e.g. side	The base cost to adjust the b 00 Reimbursal ely and add a c ewalk closure, costs, etc.). A	of the Roase cosole Fee).	able Fees will be Reimbursable Fees st to the actual R. If there are mul- nt in the "note" blut, various permit f each receipt sh	e is \$1.00 eimbursat tiple Reim ock to ider s, extende	. Insert the ap ble Fee (e.g. of abursable Fee ntify the Reim ed warrantee,	propri quantit s, list bursa exper	ate by of 125 each one ble Fee dited	\$379.50
								Quantity		Unit Price		Factor		Total	
						Installat	tion	Quantity	×	1.00	×		=	379.50	
						Bonds 17243.	34x 0.02 =3	345.00 345		1.00		1.1000			
2	01	22	20	00 004	49	HR	Plumber owner or		included	d in the Construct	ion Task	Catalog® and	as di	rected by	\$947.89
								Quantity		Unit Price		Factor		Total	
						Installat	tion	8.00	X	88.12	×	1.3446	=	947.89	
						researc	hing the ex	kisting 120 de	gree hot	water system fo	r shut off	capabilities			
3	01	22	23	00 00	55	DAY	20' Elect	ric, Scissor Pl	atform L	_ift					\$731.13
								Quantity		Unit Price		Factor		Total	
						Installat	tion	3.00	X	181.25	X	1.3446	=	731.13	
4	22	00	00	00 00	18	LS	Line Stop	n			avresment his				644 004 01
				00 00			A STATE OF THE PARTY OF THE PAR								\$11,934.83
				00 00	AUDD			Quantity		Unit Price		Factor		Total	\$11,934.8
					NPP	Installat	tion	Quantity 1.00	×	9,500.00	×	1.2563	-	11,934.85	\$11,934.85
					NPP	A line s There v have be	tion stop is used were no val etter contro	Quantity 1.00 I to stop the flo	ow of the	9,500.00 e pipe. This elimi the main building	nates the	1.2563 need to drain		11,934.85 ntire system.	
5	22	07	19	00 00		A line s There v have be	tion top is used were no val etter contro s requested	Quantity 1.00 I to stop the fleves to shut of old and have well by facility	ow of the f flow to orking va	9,500.00 e pipe. This elimi the main building	nates the gs, after w	1.2563 need to drain ve did this line	stop	11,934.85 ntire system. (on a Friday nig	
5	22	07	19			A line s There w have be this was	tion top is used were no val etter contro s requested	Quantity 1.00 I to stop the flictives to shut of old and have word by facility eter Pipe, 1/2"	ow of the f flow to orking va	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula	nates the gs, after w	1.2563 need to drain ve did this line All Service Ja	stop	11,934.85 ntire system. (on a Friday nig	ht) They now
5	22	07	19			A line s There w have be this was	tion top is used were no val etter contro s requested 3" Diame	Quantity 1.00 I to stop the flictives to shut of old and have word by facility eter Pipe, 1/2" Quantity	ow of the f flow to orking va	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula	nates the gs, after w	1.2563 need to drain ve did this line All Service Ja Factor	stop	11,934.85 ntire system. (on a Friday nig	ht) They now
	55-67-03		175.578	00 00	10	A line s There v have be this was	tion top is used were no val etter contro s requested 3" Diame	Quantity 1.00 I to stop the fletves to shut of old and have we do by facility eter Pipe, 1/2" Quantity 7.00	ow of the f flow to orking va Thick, f	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70	nates the gs, after w	1.2563 need to drain ve did this line All Service Ja	stop	11,934.85 ntire system. (on a Friday nig ASJ)	ht) They now \$72.47
5	55-67-03	07	19	00 00		A line s There v have be this was	tion top is used were no val etter contro s requested 3" Diame	Quantity 1.00 I to stop the flot lyes to shut of lyes to shut	ow of the f flow to orking va Thick, f	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add	nates the gs, after w	1.2563 need to drain ve did this line All Service Ja Factor 1.3446	stop	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47	ht) They now \$72.47
	55-67-03		175.578	00 00	10	A line s There v have be this was	tion top is used were no val etter contro s requested 3" Diame	Quantity 1.00 It to stop the file lives to shut of old and have we do by facility eter Pipe, 1/2" Quantity 7.00 k In Restricted Quantity	ow of the f flow to orking va Thick, I x	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price	nates the gs, after w tion With	1.2563 need to drain ve did this line All Service Ja Factor 1.3446	stop	11,934.85 ntire system. (on a Friday nig ASJ)	ht) They now \$72.47
	55-67-03		175.578	00 00	10	A line s There v have be this was LF Installat MOD	tion top is used were no val etter contro s requester 3" Diame	Quantity 1.00 I to stop the file	ow of the fflow to orking value of thick, if the control of the co	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add	nates the gs, after w	1.2563 need to drain ve did this line All Service Ja Factor 1.3446	stop	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47	ht) They now \$72.47
6	22	07	19	00 00	100147	A line s There v have be this was LF Installat MOD Installat due to	tion top is used were no val etter contro s requested 3" Diame tion For Work tion	Quantity 1.00 It to stop the flictives to shut of old and have word by facility eter Pipe, 1/2" Quantity 7.00 k In Restricted Quantity 7.00 ng utilities pip	ow of the fflow to orking value of thick, if the control of the co	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66	nates the gs, after wittion With A	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62	\$72.47 \$15.62
	22		175.578	00 00	100147	A line s There v have be this was LF Installat MOD	tion top is used were no val etter contro s requested 3" Diame tion For Work tion	Quantity 1.00 It to stop the flat leves to shut of and have wo do by facility eter Pipe, 1/2" Quantity 7.00 k In Restricted Quantity 7.00 ng utilities pipe eter Pipe, 1" T	ow of the fflow to orking value of thick, if the control of the co	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66 berglass Insulation	nates the gs, after wittion With A	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62	ht) They now
6	22	07	19	00 00	100147	A line s There v have be this was LF Installat MOD Installat due to	tion top is used were no val etter contro s requester 3" Diame tion For Work tion lot of existin 6" Diame	Quantity 1.00 It to stop the flat less to shut of and have we do by facility eter Pipe, 1/2" Quantity 7.00 k In Restricted Quantity 7.00 ng utilities pipeter Pipe, 1" T	ow of the fflow to orking value of thick, if t	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66 berglass Insulation Unit Price	nates the gs, after water wate	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446 I Service Jack	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62 SJ) Total	\$72.47 \$15.62
7	22	07	19	00 00	100147	A line s There v have be this was LF Installat MOD Installat due to l LF Installat	tion top is used were no valuetter controls requested 3" Diametion For Worktion lot of existin 6" Diametion	Quantity 1.00 It to stop the file It to stop the file It to shut of It and have we It an	ow of the fflow to orking variety vari	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66 berglass Insulation Unit Price 12.82	nates the gs, after wittion With A	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62	\$15.62 \$137.90
6	22	07	19	00 00	100147	A line s There v have be this was LF Installat MOD Installat due to l	tion top is used were no valuetter controls requested 3" Diametion For Worktion lot of existin 6" Diametion	Quantity 1.00 It to stop the file lives to shut of old and have wo d by facility eter Pipe, 1/2" Quantity 7.00 k In Restricted Quantity 7.00 ng utilities pipe eter Pipe, 1" T Quantity 8.00 k In Restricted	ow of the fflow to orking variety vari	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66 Derglass Insulation Unit Price 12.82 ng Space, Add	nates the gs, after water wate	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446 I Service Jack Factor 1.3446	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62 SJ) Total 137.90	\$15.62 \$137.90
7	22	07	19	00 00	100147	A line s There v have be this was LF Installat MOD Installat due to l LF Installat	tion top is used were no val etter contro s requested 3" Diame tion For Work 6" Diame tion For Work	Quantity 1.00 It to stop the file It to stop the file It to shut of It and have we It an	ow of the fflow to orking variety vari	9,500.00 e pipe. This elimi the main building alves. Fiberglass Insula Unit Price 7.70 ng Space, Add Unit Price 1.66 berglass Insulation Unit Price 12.82	nates the gs, after water wate	1.2563 need to drain ve did this line All Service Ja Factor 1.3446 Factor 1.3446 I Service Jack	cket (/	11,934.85 ntire system. (on a Friday nig ASJ) Total 72.47 Total 15.62 SJ) Total	\$72.47 \$15.62

Work Order Number: ezIQC-GKK-FM08430009308.04

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #2/RFI #5 - 120 Degree HW

Supply and Positive shut off

9	22	11	16	00 0334	EA	6", 125	LB, Galvanized	Cast Ire	on Flange					\$1,680.32
					Installation	on	Quantity 4.00	×	Unit Price 312.42	x	Factor 1.3446	=	Total 1,680.32	
10	22	11	16	00 03340113	MOD	For Wo	ork In Restricted	Working	Space, Add					\$279.84
					Installation	on	Quantity 4.00	×	Unit Price 52.03	x	Factor 1.3446	=	Total 279.84	
					due to lo	t of exis	ting utilities pipe	•						
11	22	11	16	00 0343	EA	3", Cut	And Thread Ex	isting In	Place Galvanize	d Steel P	ipe			\$224.39
					Installation	on	Quantity 4.00	×	Unit Price 41.72	x	Factor 1.3446	=	Total 224.39	
12	22	11	16	00 03430113	MOD	For Wo	ork In Restricted	Working	Space, Add					\$67.34
					Installation	on	Quantity 4.00	×	Unit Price 12.52	×	Factor 1.3446	=	Total 67.34	
					due to lo	t of exis	ting utilities pipe	•						
13	22	13	29	39 0080	EA	6" Flan	ge Nuts, Bolts,	and Gas	ket Kit					\$150.56
					Installation	on	Quantity 4.00	×	Unit Price 29.41	x	Factor 1.2798	=	Total 150.56	
14	23	05	23	00 1097	EA	6" Butt	erfly Valve, Cas	t Iron, W	fith Iron Disc, On	Off Hand	dle, 150 PSI V	Vafer T	уре	\$813.04
					Installation	on	Quantity 1.00	x	Unit Price 604.67	x	Factor 1.3446	=	Total 813.04	
15	23	05	23	00 10970287	MOD	For Wo	ork In Restricted	Working	Space, Add					\$159.9
					Installation	on	Quantity 1.00	×	Unit Price 118.93	x	Factor 1.3446	= .	Total 159.91	
					due to lo	ot of exis	ting utilities pipe	e						

Proposal Total \$17,622.84

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

67.72%



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK

Owner PO #:

ezIQC-GKK-FM08430009308.04 ezIQC-GKK-FM08430009308.04

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #2/RFI #5 - 120 Degree HW Supply

and Positive shut-off

Contractor:

gkkworks Construction Services

Proposal Value:

\$17,622.84

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

21. 904	EZIQC Contract No	.: CA-CR-GB03	3-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	er.: ezIQC-GKK-FM08430009308.0	5 Work Order Date:	08/05/2020
Work Order Title:	RUHS MC EMERGENCY Dome	estic Hot Water Heat	Exchanger-CO #3/RFI #6 – Soft CW & HW
Owner Name:	County of Riverside Facilities Mgmt.	. Contractor Name:	gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
	Work to	be Performed	
	med as per the Final Detailed Scope lo CA-CR-GB03-062718-GKK.	of Work Attached and	d as per the terms and conditions of Sourcewell
Brief Work Order [Description:		
Address Piping Co	onflict between Soft CW and HW and	proposed installation	n of new valves for additional pipe demolition.
12 (00)			
Time of Perform	nance Estimated Start Date: 0 Estimated Completion Da		
Liquidated Dam	34	Will not apply:	
Work Order Firr	m Fixed Price: \$7,362.15		
Owner Purcha	ase Order Number: ezIQC-GKK-FM	108430009308.05	
Approvals			
Nahid Selbe County of Riversid	08,21,2020 de Facilities Mgmt.	Date Contracto	8/4/20 Date



Detailed Scope of Work

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.05 RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 - Soft CW & HW Work Order Title: Return Piping
Address Piping Conflict between Soft CW and HW and proposed installation of new **Brief Scope:** valves for additional pipe demolition. **Preliminary** Revised X Final The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address Piping Conflict between Soft CW and HW and proposed installation of new valves for additional pipe demolition. Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor Nahid Selbe 08.21.2020

Date

County of Riverside Facilities Mgmt.

Contractor's Price Proposal - Summary

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #: ezIQC-GKK-FM08430009308.05 ezIQC-GKK-FM08430009308.05

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 - Soft CW & HW Return Piping

Contractor:

gkkworks Construction Services

Proposal Value:

\$7,362.15

No Category Input

\$7,362.15

Proposal Total

\$7,362.15

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.05

Owner PO #:

ezIQC-GKK-FM08430009308.05

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 - Soft CW & HW Return

Pipin

Contractor:

gkkworks Construction Services

Proposal Value:

\$7,362.15

	Se	ct.	It	em	Mod.	UOM	Descrip	tion		X				Line Total
bor	E	quip	Ma	terial	(Excludes)	2						± *		
o Ca	ateo	jory	Inpu	ıt										
1	000	22	16	00 00	002	EA	costs. quantity = \$125. separate (e.g. sid	The base cost to adjust the base 00 Reimbursal ely and add a dewalk closure, g costs, etc.). A	of the Roase cosole Fee).	teimbursable Feet to the actual Rotal Interest are multiting the "note" bloom to various permit	e is \$1.00 eimbursa tiple Reir ock to ide s, extend	he contractor for eligib 0. Insert the appropria able Fee (e.g. quantity mbursable Fees, list e entify the Reimbursabl ded warrantee, expedi bmitted with the Price	te of 125 ach one le Fee	\$158.51
						Installat	ion	Quantity		Unit Price		Factor	Total	
						mstallat	1011	144.10	X	1.00	×	1.1000	158.51	
						Bonds 7203.64	4 × 2% = \$	144.1						
2	01	22	20	00 00	049	HR	Plumbe owner o		included	I in the Construct	ion Task	Catalog® and as dire	ected by	\$902.21
						I t - II - t		Quantity		Unit Price		Factor	Total	
						Installat	ion	8.00	X	88.12	X	1.2798	902.21	
						Resear engine		existing piping	to deterr	mine how to rem	ove the H	H-exchangers and find	ling the solution	to provide the
3	01	22	20	00 00	0490004	MOD	For For	eman, Add					ii .	\$22.58
								Quantity		Unit Price		Factor	Total	
						Installat	tion	4.00	X	4.41	×	1.2798	22.58	
4	01	22	23	00 00	052	DAY	17' Elec	tric, Scissor P	latform L	ift				\$446.78
								Quantity		Unit Price		Factor	Total	
						Installat	tion	2.00	X	166.14	X	1.3446	446.78	
5	22	07	19	00 0	103	LF	1" Diam	neter Pipe, 3-1	2" Thick	, Fiberglass Insu	lation W	fith All Service Jacket ((ASJ)	\$59.05
								Quantity		Unit Price		Factor	Total	
						Installat	tion	0.00	×	18.06	×	1.3446	0.00	
						Demolit	tion	12.00	x	3.66	×	1.3446 =	59.05	
						Remov	e the 3" p	iping Insulation	to allow	v enough space	o demo	heat exchangers		
6	22	07	19	00 0	108	LF	3" Diam	neter Pipe, 3-1	2" Thick	, Fiberglass Insu	lation W	fith All Service Jacket	(ASJ)	\$112.68
								Quantity		Unit Price		Factor	Total	
						Installat	tion	0.00	X	21.98	×	1.3446 =	0.00	
						Demolit	tion	20.00	x	4.19	×	1.3446 =	112.68	
						Remov	e the 3" p	iping Insulation	to allow	v enough space	to demo	heat exchangers	573,000 - 100,000	
7	22	11	16	00 00	004	LF	Assemb elbows,	olyIncludes all	hangers cer fittin	and all galvanize	ed malle	150 LB Malleable Iron able iron fittings (coup plete assemblies. Not	lings,	\$62.12
						L00020		Quantity		Unit Price		Factor	Total	
						Installa	tion	0.00	X	15.47	×	1.3446 =	0.00	
						Demolif	tion	12.00	X	3.85	X	1.3446 =	62.12	
						Remov	e the 3" p	iping to allow e	enough s	space to demo he	eat exch	angers		

Work Order Number: ezIQC-GKK-FM08430009308.05

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 - Soft CW & HW

1155 5			Inpu									
8	22	11	16	00 0009	Assem elbows	blyIncludes all I	nangers a cer fitting	anized Steel Pip and all galvanize s). All hangers a	d malleab	le iron fittings (couplings,	\$243.91
						Quantity		Unit Price		Factor	Total	
					Installation	0.00	×	36.06	X	1.3446	0.00	
					Demolition Remove the 3"	20.00 piping to allow e	x nough sp	9.07 pace to demo he	x at exchan	1.3446 = gers	243.91	
9	22	11	16	00 0520	EA 1" Mal	e Copper Adapt	er					\$225.89
						Quantity		Unit Price		Factor	Total	
					Installation	4.00	X	42.00	X	1.3446	225.89	
10	22	11	16	00 05200129	MOD For W	ork In Restricted	Working	Space, Add				\$61.58
						Quantity		Unit Price		Factor	Total	
					Installation	4.00	×	11.45	X	1.3446	61.58	
11	22	11	16	00 0525	EA 3" Mal	e Copper Adapt	er					\$846.94
						Quantity		Unit Price		Factor	Total	
					Installation	4.00	X	157.47	×	1.3446	846.94	
12	22	11	16	00 05250129	MOD For W	ork In Restricted	Working	Space, Add				\$179.32
						Quantity	97. B.C. & FO (CONT. 1832)	Unit Price		Factor	Total	
					Installation	4.00	×	33.34	×	1.3446	179.32	
13	22	11	16	00 0543	EA 1" Wro	t Copper, Solde	r Union					\$136.96
15	22		10	00 0040	LA I WIC	Quantity	i Officia	Unit Price		Factor	Total	\$130.90
					Installation	2.00	x	50.93	×	1.3446		
14	22	11	16	00 05430129	MOD For W	(300-40000)				1.5440		005.00
14	22	11	10	00 05430129	MOD FOLVV	ork In Restricted	VVOIKING			# C2V50	T-1-1	\$35.09
					Installation	Quantity 2.00	x	Unit Price 13.05	×	Factor 1.3446	Total 35.09	
45			40	22.2542	FA 01114	- Part 18/00		13.03	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1.3440		
15	22	11	16	00 0548	EA 3" Wro	t Copper, Solde	r Union			<u></u>	5	\$759.05
					Installation	Quantity	x	Unit Price	x	Factor =	Total 759.05	
						2.00		282.26		1.3446	700.00	
16	22	11	16	00 05480129	MOD For W	ork In Restricted	d Working					\$80.43
					Installation	Quantity		Unit Price		Factor	Total 80.43	
					motunation	2.00	X	29.91	×	1.3446	60.43	
17	22	11	16	00 0741	EA 3", Cu	t And Prepare E	xisting In	Place Copper F	Pipe			\$90.20
					Installation	Quantity		Unit Price		Factor	Total	
					mstallation	4.00	X	16.77	x	1.3446	90.20	
18	22	11	16	00 1175	EA 3" 125	LB Cast Bronze	e, Screw	ed, Square Head	Plug			\$190.66
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	×	70.90	×	1.3446	190.66	
19	22	11	16	00 1180	EA 1" 125	LB Cast Bronze	e, Screw	ed, Counter Sun	k Plug			\$17.43
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	×	6.48	×	1.3446	17.43	
20	23	05	23	00 0118	EA 1" Scr	ewed, 150 LB, F	ull Port,	Carbon Steel Ba	all Valve			\$184.10
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	X	68.46	×	1.3446	184.10	
21	23	05	23	00 0123	EA 4" Fla		ull Port, (Carbon Steel Ba	II Valve			\$2,428.94
		20026	200	source operations	venters at a contract	Quantity		Unit Price		Factor	Total	,
					Installation	2.00	×	903.22	×	1.3446	2,428.94	

Work Order Number: ezIQC-GKK-FM08430009308.05

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 - Soft CW & HW

Return Piping

 No Category Input

 22
 23
 05
 23
 00 01230302
 MOD
 For Work In Restricted Working Space, Add
 \$117.72

 Quantity
 Unit Price
 Factor
 Total

 Installation
 1.00
 ×
 87.55
 ×
 1.3446
 =
 117.72

Subtotal for No Category Input \$7,362.15

Proposal Total \$7,362.15

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%



Subcontractor Listing

Date: A

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.05 ezIQC-GKK-FM08430009308.05

Owner PO #: Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #3/RFI #6 – Soft CW & HW Return

Pinin

Contractor:

gkkworks Construction Services

Proposal Value:

\$7,362.15

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order	F	\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No	.: CA-CR-GB03	3-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	per.: ezIQC-GKK-FM08430009308.0	6 Work Order Date:	08/05/2020
Work Order Title: Owner Name:	RUHS MC EMERGENCY Dome County of Riverside Facilities Mgmt.		Exchanger-CO #4/RFI #7 – TMV-1 Bypass gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
Time of Perform	nance Estimated Start Date: 0 Estimated Completion Da		
Liquidated Dan	nages Will apply:	Will not apply:	
Work Order Fir	m Fixed Price: \$14,221.06		
Owner Purch	ase Order Number: ezIQC-GKK-FM	08430009308.06	2012
Approvals			
	de Facilities Mgmt.	Date Contracto	8/4/2 Date



Detailed Scope of Work

To: Brandon Dekker

gkkworks Construction Services 2355 Main Street, Suite 220

Irvine, CA 92614 (949) 250-1500 From: Nahid Selbe

County of Riverside Facilities Mgmt.

3133 Mission Inn Avenue Riverside, CA 92507 (951) 955-4728

Date Printed:

August 05, 2020

Work Order Number:

ezIQC-GKK-FM08430009308.06

Work Order Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 - TMV-1 Bypass

Brief Scope: Proposed Solution Address TMV-1 B

Proposed Solution Address TMV-1 Bypass per RFI #7 Response.

Revised	X Final
	Revised

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Address TMV-1 Bypass per RFI #7 Response.

Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK.

Contractor

Nahid Selbe 08,21,2020

County of Riverside Facilities Mgmt.

Date

Contractor's Price Proposal - Summary

Date: August 05, 2020

IQC Master Contract #: Re:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.06

Owner PO #:

Title:

ezIQC-GKK-FM08430009308.06

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 - TMV-1 Bypass Proposed

Contractor:

gkkworks Construction Services

Proposal Value:

\$14,221.06

No Category Input

\$14,221.06

Proposal Total

\$14,221.06

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.06

Work Order #: Owner PO #:

ezIQC-GKK-FM08430009308.06

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 - TMV-1 Bypass Proposed

Solution

Contractor:

gkkworks Construction Services

Proposal Value:

\$14,221.06

	Sec	ct.	It	em N	/lod.	UOM	Descript	ion		14					Line Total
abor	E	quip.	Ma	terial (Ex	xcludes)		- 44						24/		
o C	ateq	ory	Inpu	ıt										li li	
1		22		00 0002		EA	costs. quantity = \$125.0 separate (e.g. side	The base cost to adjust the both the both to adjust the both to adjust the both to adjust the both the both to adjust the both the both to adjust the both the both to adjust the both	of the R base cost ble Fee). comment road cu	ble Fees will be peimbursable Feet to the actual Relif there are mult in the "note" blot, various permits each receipt sha	is \$1.00. eimbursat iple Reim ock to ider s, extende	. Insert the appole Fee (e.g. quality the Reimbert the Reimbert warrantee, etc.)	propriate uantity of 12 s, list each o pursable Fe expedited	one	\$306.13
								Quantity		Unit Price		Factor		Total	
						Installat	tion	Quantity	x	1.00	×	1.1000	=	306.13	
						Bonds	93 x 2% =	278.30		1.00		1.1000			
2	04	20	20	00.0040		HR			ام ماد نظم ط	in the Construct	ion Took (Catalag® and	as directed	by	6047.00
2	01	22	20	00 0049		пк	owner o		included	in the Construct	ion iask i	Catalogo and	as directed	Бу	\$947.89
								Quantity		Unit Price		Factor		Total	
						Installat	tion	8.00	×	88.12	×	1.3446	=	947.89	
							rching on e er and MO		to detern	nine how to remo	ove the H	-exchangers a	nd finding t	ne solution	to provide the
3	01	22	20	00 00490	0004	MOD	For Fore	eman, Add							\$23.72
								Quantity		Unit Price		Factor		Total	
						Installat	tion	4.00	×	4.41	×	1.3446	=	23.72	
4	01	22	23	00 0052		DAY	17' Flec	tric, Scissor P	atform I		ine_	2 I Y		=	\$446.78
								Quantity		Unit Price		Factor		Total	
						Installa	tion	2.00	×	166.14	×	1.3446	=	446.78	
5	22	07	19	00 0110		LF	6" Diam	2802552	2" Thick	Fiberglass Insu	lation Wit	William Service and the service and	acket (ASJ))	\$67.63
	22	01	10	00 0110			o Blam	ctor ripo, o ii	2 111101	, i ibolgiado ilida	idilon vii		40.101 (1.00)		Ψ07.00
							· ·	Quantity		Unit Price		Factor		Total	
						Installa	tion	0.00	×	28.02	×	1.3446	=	0.00	
						Demoli	tion	10.00	×	5.03	x	1.3446	=	67.63	
6	22	11	16	00 0332		EA	4", 125	LB, Galvanize	d Cast Ir	on Flange					\$1,127.64
								Quantity		Unit Price		Factor	120 SW	Total	
						Installa	tion	4.00	×	209.66	X	1.3446	= 1,	127.64	
7	22	11	16	00 03320	0113	MOD	For Wor	rk In Restricted	d Workin	g Space, Add					\$204.65
								Quantity		Unit Price		Factor		Total	
						Installa	tion	4.00	×	38.05	x	1.3446	=	204.65	
8	22	11	16	00 0334		EA	6", 125	LB, Galvanize	d Cast Ir	on Flange					\$840.16
0070	70 	200	(MEN)	2000 07-25 70 Ch (\$)		pu 50,00		Quantity	pec (M)(CM/2016.5.0	Unit Price		Factor		Total	######################################
						Installa	tion	2.00	X	312.42	×	1.3446	=	840.16	
										(8:10-8)(10-8)		101.07.174.00054.775			
9	22	11	16	00 03340	0113	MOD	For Wor	rk In Restricted	Workin	g Space. Add					\$139.92
9	22	11	16	00 03340	0113	MOD	For Wor	rk In Restricted	d Workin	g Space, Add Unit Price		Factor		Total	\$139.92

Work Order Number: ezIQC-GKK-FM08430009308.06

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 – TMV-1 Bypass

Proposed Solution

10	100	The same	Inp	00 0358	LF	4" Hard Draw	ın Tuna I	Connor	Tubo/Bino					0444.00
10	22	11	10	00 0358	LF	4" Hard Drav	3.00	Copper			France		Takal	\$111.06
					Installatio	n C	uantity	x	Unit Price	x	Factor	=	Total 0.00	
					Demolitio		0.00 10.00		53.74 8.26	×	1.3446 1.3446	_	111.06	
11	22	11	16	00 0425		4" 90 Degree		X Elbow	0.20	^	1,5440		111.00	\$178.86
11	22	11	10	00 0423		5.5%	35.5	LIDOW	Unit Price		Factor		Total	\$170.0
					Installatio	n C	Quantity 0.00	×	166.65	x	1.3446	=	0.00	
					Demolitio	n	2.00	×	66.51	×	1.3446	=	178.86	
12	22	11	16	00 0472		6" Straight C			00.01	^	1.0110	3815	170.00	\$4,704.2
-						Service Commission of the Comm	Quantity		Unit Price		Factor		Total	ψ4,704.2
					Installatio	n	4.00	x	874.65	×	1.3446	=	4,704.22	
					2 of these	e Oty is for 6"		Tee that	is not in CTC bo	ook	1.5440			
13	22	11	16	00 04720129				Service Service	g Space, Add	, on		_		\$481.2
13	22	11	10	00 04720129	WOD		Quantity	VVOIKII	Unit Price		Factor		Total	\$401.20
					Installatio		4.00	×	89.48	×	1.3446	=	481.26	
			40	00.0740	-	411 0 4 4 - 4 1		ARREST TO	7/25 526	19884	1.3440		000 4800000	
14	22	11	16	00 0742	EA		55	xisting i	n Place Copper	Pipe	n — united a firm for			\$60.8
					Installatio		Quantity	x	Unit Price	x	Factor	=	Total 60.88	
Codami.	-	300.00	0000	9165-0-0.00001484	ASSESSMENT AND A SECURITY OF A	Total and the second and the second	2.00	COCCOCC	22.64	1993-1	1.3446			
15	22	11	16	00 0743	EA	6", Cut And I	Prepare E	xisting I	n Place Copper	Pipe				\$87.0
					Installatio	n C	Quantity	02000	Unit Price	10000	Factor	_	Total	
					mistaliatio		2.00	×	32.35	х	1.3446		87.00	
16	22	11	16	00 0887	LF		bow, tee,	reducer	pe/Tubing Type I fittings. All hang					\$1,171.3
						c	Quantity		Unit Price		Factor		Total	
					Installatio	on	6.00	×	145.19	×	1.3446	=	1,171.33	
17	22	11	16	00 08870134	MOD	For Work In	Restricted	Workir	ng Space, Add					\$124.5
						C	Quantity		Unit Price		Factor		Total	
					Installatio	n	6.00	X	15.44	×	1.3446	=	124.56	
18	22	13	29	39 0080	EA	6" Flange Nu	uts, Bolts,	and Ga	sket Kit					\$237.2
							Quantity		Unit Price		Factor		Total	
					Installatio		6.00	X	29.41	×	1.3446	=	237.27	
19	23	05	23	00 1109	EA	4" Butterfly \	/alve Cas	t Iron V	With Bronze Disc	Gear O			11	\$1,522.7
(8.70)			-			5	Quantity		Unit Price		Factor		Total	V1,022.1
					Installatio	on ~	2.00	X	566.26	×	1.3446	=	1,522.79	
20	22	O.F.	22	00 11090287	MOD	For Mork In		I Markir	ng Space, Add				***************************************	6005.4
20	23	03	23	00 11090207	MOD			VVOIKII			Fastas		Total	\$235.4
					Installatio	on C	Quantity	×	Unit Price 87.55	x	Factor 1.3446	=	235.44	
04		0.5		00.4444	ΕΛ.	Oll Division 1	2.00							
21	23	05	23	00 1111	EA	1000 Intradouzadoria • 1110		it Iron, V	With Bronze Disc	Gear O	THE WAY OF THE PARTY OF T			\$1,041.9
					Installatio	on C	Quantity	~	Unit Price	v	Factor		Total 1,041.96	
						5555	1.00	×	774.92	×	1.3446		1,041.50	
22	23	05	23	00 1111 0287	MOD	For Work In	Restricted	l Workir	ng Space, Add					\$159.9
					Installatio	\n	Quantity		Unit Price		Factor	(1974)	Total	
					Installatio	л	1.00	×	118.93	×	1.3446	-	159.91	

Subtotal for No Category Input

\$14,221.06

Work Order Number: ezIQC-GKK-FM08430009308.06

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 - TMV-1 Bypass

%

Proposed Solution

Proposal Total \$14,221.06

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #: ezIQC-GKK-FM08430009308.06 ezIQC-GKK-FM08430009308.06

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO #4/RFI #7 - TMV-1 Bypass Proposed

Solution

Contractor:

gkkworks Construction Services

Proposal Value:

\$14,221.06

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

=	EZIQC Contract No.:	: CA-CR-GB03	-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	oer.: ezIQC-GKK-FM08430009308.07	Work Order Date:	08/05/2020
Work Order Title: Owner Name:	RUHS MC EMERGENCY Domes County of Riverside Facilities Mgmt.		Exchanger-CO#5/RFI #8 – Faulty Valves gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
EZIQC Contract N Brief Work Order	med as per the Final Detailed Scope o No CA-CR-GB03-062718-GKK.		d as per the terms and conditions of Sourcewell #8 Response.
Time of Perform	mance Estimated Start Date: 08 Estimated Completion Date		
Liquidated Dam	nages Will apply: X	Will not apply:	
Work Order Fir	m Fixed Price: \$33,174.22		
Owner Purch	ase Order Number: ezIQC-GKK-FM0	8430009308.07	-
Approvals			
17 N W W W W W W W W W W W W W W W W W W	e 08,21,2020 de Facilities Mont Da	ate Contracto	hB 8/6/20
County of Riversion	de racilities ivigmt.	ate Contrageto	Date



Detailed Scope of Work

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.07 Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 - Faulty Valves Discovery @ HW & Soft CW Shutdown Address faulty valves discovered during HW & Soft CW shut down per RFI #8 **Brief Scope:** Response. **Preliminary** Revised X **Final** The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address faulty valves discovered during HW & Soft CW shut down per RFI #8 Response. Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor Nahid Selbe 08,21,2020

Date

County of Riverside Facilities Mgmt.

Contractor's Price Proposal - Summary

Date: August 05, 2020

Re: IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:
Owner PO #:

ezIQC-GKK-FM08430009308.07 ezIQC-GKK-FM08430009308.07

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 - Faulty Valves Discovery @

HW & Soft CW Shutdown

Contractor:

gkkworks Construction Services

Proposal Value:

\$33,174.22

No Category Input

\$33,174.22

Proposal Total

\$33,174.22

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

38.71%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.07

Owner PO #:

ezIQC-GKK-FM08430009308.07

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 - Faulty Valves Discovery

@ HW & Soft CW Shutdown

Contractor:

gkkworks Construction Services

Proposal Value:

\$33,174.22

	Se	ct.	l	tem	Mod.	UOM	Descripti	ion							Line Total
abor	E	quip.	Ma	terial	(Excludes)										
o Ca	ateg	jory	Inpu	ut			A CONTRACTOR			4					
1	01	22	16	00 00	002	EA	costs. 7 quantity = \$125.0 separate (e.g. side	The base cost to adjust the to the Reimbursal the land add a community the land add a community the land add a costs, etc.). A	of the Repasse cost ble Fee). comment , road cut	ole Fees will be eimbursable Fee to the actual Ro If there are mult in the "note" blo , various permit each receipt sha	is \$1.00 eimbursa tiple Reir ock to ide s, extend	D. Insert the ap able Fee (e.g. on mbursable Fee entify the Reim ded warrantee,	propriat quantity s, list ea bursable expedit	te of 125 ach one e Fee	\$714.12
								Quantity		Unit Price		Factor		Total	
						Installat	ion	649.20	X	1.00	x	1.1000	=	714.12	
						Bonds 32460.	10 × 0.02 =								
2	01	22	20	00 00	049	HR	Plumber owner or		included	in the Construct	ion Task	Catalog® and	as dire	cted by	\$1,777.29
						11-11-1		Quantity		Unit Price		Factor		Total	
						Installat	ion	15.00	×	88.12	X	1.3446	=	1,777.29	
						engine	earching or er and MOI am strap pe	P	ng to dete	ermine how to re	move th	e H-exchanger	s and fi	nding the solut	ion to provide t
3	01	22	20	00 00	0490004	MOD	For Fore	man, Add							\$23.72
								Quantity		Unit Price		Factor		Total	
						Installat	ion	4.00	×	4.41	X	1.3446	=	23.72	
4	01	22	23	00 00	052	DAY	17' Elect	ric, Scissor P	latform Li	ft		1) :			\$893.57
							•	Quantity		Unit Price		Factor		Total	
						Installat	tion	4.00	×	166.14	X	1.3446	=	893.57	
5	22	00	00	00 00	022	LS	Chlorina	tion of pipe, V	alve and	fitting					\$3,772.67
					NDD			Quantity		Unit Price		Factor		Total	
					NPP	Installat	tion	1.00	×	3,003.00	X	1.2563	=	3,772.67	
6	22	00	00	00 00	023	LS	Pre-fabri	ication of 3" c	opper pip	e spools					\$9,070.11
								Quantity		Unit Price		Factor		Total	
					NPP	Installat	tion	1.00	×	7,219.70	X	1.2563	-	9,070.11	
7	22	07	19	00 0	110	LF	6" Diame	eter Pipe, 3-1	2" Thick,	Fiberglass Insu	lation W	ith All Service	Jacket (ASJ)	\$148.79
								Quantity		Unit Price		Factor		Total	
						Installa	tion	0.00	X	28.02	×	1.3446	=	0.00	
						Demolit	tion	22.00	x	5.03	x	1.3446	=	148.79	
8	22	11	16	00 03	334	EA	6", 125 L	B, Galvanize	d Cast Iro	on Flange					\$840.16
						last H		Quantity		Unit Price		Factor		Total	
						Installa	tion	2.00	×	312.42	×	1.3446	=	840.16	

Work Order Number: ezIQC-GKK-FM08430009308.07

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 – Faulty Valves

Discovery @ HW & Soft CW Shutdown

31.		11000	Inp									21002130
9	22	11	16	00 03340113	MOD For W	ork In Restricted	Working S	ACT TO SECURE AND ACT OF A SECURE AND ACT		_		\$139.92
					Installation	Quantity 2.00	x	Unit Price 52.03	x	Factor 1.3446	Total 139.92	
10	22	11	16	00 0343	EA 3", Cı	ut And Thread Ex		5,00,0000000000000000000000000000000000	d Steel Pi	144-30,000,000		\$112.19
, ,		**	10	00 0040	2. 0,00	Quantity	ioung iii i	Unit Price	u 0.00.	Factor	Total	ψ112.10
					Installation	2.00	x	41.72	x	1.3446	112.19	
11	22	11	16	00 03430113	MOD For V	ork In Restricted	I Working 9	2-12-25/1995/		1.0440		\$33.67
"	22	11	, 10	00 03430113	WOD FOLV		I VVOIKING C	74.0 min 2000 min 200		Footos	Total	φ33.07
					Installation	Quantity 2.00	x	Unit Price 12,52	×	Factor 1.3446	33.67	
10	22	11	10	00.0525	EA 2" Ma	Acceptance of the second secon		12.52		1.5440		6046.04
12	22	11	16	00 0525	EA 3" Ma	le Copper Adapte	er	Unit Dring		Fastas	Total	\$846.94
					Installation	Quantity 4.00	×	Unit Price 157.47	×	Factor = 1.3446	846.94	
40				00.05050400	110D E 11			1000 10 1000000	1,500	1.3440		
13	22	11	16	00 05250129	MOD For V	Vork In Restricted	vvorking a					\$179.32
					Installation	Quantity	×	Unit Price	x	Factor =	Total 179.32	
						4.00		33.34		1.3446	Addition 1	
14	22	11	16	00 0537	EA 3" Fe	male Copper Ada	apter					\$1,045.24
					Installation	Quantity		Unit Price	220	Factor =	Total	
					mstanation	4.00	X	194.34	x	1.3446	1,045.24	
15	22	11	16	00 05370129	MOD For V	Vork In Restricted	Working S	Space, Add				\$179.32
					11-0-0	Quantity		Unit Price		Factor _	Total	
					Installation	4.00	×	33.34	×	1.3446	179.32	
16	22	11	16	00 0743	EA 6", C	ut And Prepare E	xisting In F	Place Copper F	Pipe			\$173.99
						Quantity		Unit Price		Factor	Total	
					Installation	4.00	×	32.35	×	1.3446	173.99	
17	22	11	16	00 0884	coup		reducer fit			Includes all hange mplete assemblies		\$1,088.64
						Quantity		Unit Price		Factor	Total	
					Installation	18.00	×	44.98	×	1.3446	1,088.64	
18	22	11	16	00 08840134	MOD For V	Vork In Restricted	Working :	Space, Add		100 E		\$177.4
						Quantity		Unit Price		Factor	Total	
					Installation	18.00	×	7.33	×	1.3446	177.41	
19	22	13	29	39 0080	EA 6" Fla	ange Nuts, Bolts,	and Gask	et Kit				\$593.1
, ,						Quantity	u	Unit Price		Factor	Total	4000.11
					Installation	15.00	x	29.41	×	1.3446	593.17	
20	23	05	23	00 0112	EA 3" Th	readed Or Sweat	ted, 125 Li		t, Carbon	Steel Trim, Brass	Body, Ball	\$777.3
						Quantity		Unit Price		Factor	Total	
					Installation	2.00	x	289.07	×	1.3446	777.37	
			23	00 01120294	MOD For F	ull Port, Add					(a)	\$494.2
	23	05				Quantity		Unit Price		Factor	Total	or the terror of the
	23	05			Installation	5.00	x	73.51	×	1.3446	494.21	
	23	05					d Working	Space, Add				\$101.4
21), (C. C. C		23	00 01120302	MOD For V	Vork In Restricted						4.01.4
21), (C. C. C	05	23	00 01120302	MOD For V					Factor	Total	
21), (C. C. C		23	00 01120302	MOD For V	Quantity	×	Unit Price	×	Factor = 1.3446	Total 101.41	
21	23	05	N ACCE	Special Residence Special Spec	Installation	Quantity 2.00	x	Unit Price 37.71		Factor = 1.3446		\$1 042 2
21	23	05	23	00 01120302	Installation	Quantity	x	Unit Price 37.71		1 200000 SECANOVA		\$1,942.3

Work Order Number: ezIQC-GKK-FM08430009308.07

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 – Faulty Valves

Discovery @ HW & Soft CW Shutdown

24	23	05	23	00 0758	EA 6" L	ift Check Valve, Iro	n Bod	y, Flanged, 125 LB				\$4,156.80
					Installation	Quantity 2.00	×	Unit Price 1,545.74	×	Factor 1.3446 =	Total 4,156.80	
25	23	05	23	00 1097	EA 6" E	Butterfly Valve, Cas	t Iron,	With Iron Disc, On	Off Han	dle, 150 PSI Wafer	Гуре	\$3,252.16
					Installation	Quantity 4.00	×	Unit Price 604.67	x	Factor = 1.3446	Total 3,252.16	
26	23	05	23	00 10970287	MOD For	Work In Restricted	Work	ing Space, Add				\$639.65
					Installation	Quantity 4.00	×	Unit Price 118.93	×	Factor 1.3446	Total 639.65	
ubt	otal	for	No C	Category Inpu	ıt				201-2			\$33,174.2

Proposal Total \$33,174.22

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

38.71%



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

ct #:

CA-CR-GB03-062718-GKK

Work Order #:
Owner PO #:

ezIQC-GKK-FM08430009308.07 ezIQC-GKK-FM08430009308.07

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#5/RFI #8 - Faulty Valves Discovery

@ HW & Soft CW Shutdown

Contractor:

gkkworks Construction Services

Proposal Value:

\$33,174.22

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No.	: CA-CR-GB03	-062718-GKK
12	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	oer.: ezIQC-GKK-FM08430009308.08	Work Order Date:	08/05/2020
Work Order Title: Owner Name:	RUHS MC EMERGENCY Dome County of Riverside Facilities Mgmt.		Exchanger-CO#6/RFI#2 HX Locations and gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
	Work to k	oe Performed	
			d as per the terms and conditions of Sourcewell
Brief Work Order	Description:		
	nges required due to custom fabrication its and relocation of the control valve		rs (HX) and conflict with drawings, locations of 2 per RFI #2 Response.
Time of Perform	mance Estimated Start Date: 08 Estimated Completion Da		
Liquidated Dam	nages Will apply:	Will not apply:	
Work Order Fir	m Fixed Price: \$2,781.22		
Owner Purcha	ase Order Number: ezIQC-GKK-FM	08430009308.08	
Approvals			
A SECTION OF THE PARTY OF THE P	e 08,21,2020 de Facilities Mgmt.	ate Contracto	1-20 8/6/2 Date



Detailed Scope of Work

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.08 Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#6/RFI#2 HX Locations and Control Valve Changes Address field changes required due to custom fabrication of heat exchangers (HX) and **Brief Scope:** conflict with drawings, locations of the specific HX units and relocation of the control valve assembly for HX1&2 per RFI #2 Response. **Preliminary** Revised X Final The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address field changes required due to custom fabrication of heat exchangers (HX) and conflict with drawings, locations of the specific HX units and relocation of the control valve assembly for HX1&2 per RFI #2 Response. Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor Nahid Selbe 08,21,2020

Date

County of Riverside Facilities Mgmt.

Contractor's Price Proposal - Summary

Date: August 05, 2020

Re: IQC Master Contract #:

CA-CR-GB03-062718-GKK Work Order #: ezIQC-GKK-FM08430009308.08

Owner PO #:

ezIQC-GKK-FM08430009308.08

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#6/RFI#2 HX Locations and Control Valve

Contractor:

gkkworks Construction Services

Proposal Value:

\$2,781.22

No Category Input

\$2,781.22

Proposal Total

\$2,781.22

Thisl total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #:

ezIQC-GKK-FM08430009308.08 ezIQC-GKK-FM08430009308.08

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#6/RFI#2 HX Locations and Control

Valve Changes

Contractor:

gkkworks Construction Services

Proposal Value:

\$2,781.22

	Se	ct.	It	em	Mod.	UOM	Description	n	000					Line Total
Labor	E	quip.	Ma	terial	(Excludes)				7 7 7					
No Ca	ateg	jory	Inpu	ıt										
1	01	22	16	00 00	102	EA	costs. The quantity to = \$125.00 separately (e.g. sidew	e base cost adjust the b Reimbursab and add a walk closure,	of the R base cosole Fee). commen road cu	eimbursable Fee t to the actual Ro If there are mul- t in the "note" blo t, various permit	e is \$1.0 eimburs tiple Rei ock to id s, exten	the contractor for el 10. Insert the appropable Fee (e.g. quar mbursable Fees, list entify the Reimburs ded warrantee, exp shmitted with the Pr	oriate htty of 125 st each one sable Fee sedited	\$59.86
								Quantity		Unit Price		Factor	Total	
						Installat	ion	54.42	X	1.00	X	1.1000 =	59.86	
						Bobds \$2721.3	36 X 2% = 53	3.1						
2	01	22	20	00 00)30	HR	Electricianl		ot include	ed in the Constru	uction Ta	ask Catalog® and a	s directed	\$2,655.02
							•	Quantity		Unit Price		Factor	Total	
						Installat	ion	24.00	X	86.44	X	1.2798	2,655.02	
						This is were w manufa	rong (see RF	e manufactu FI2). This wa	rer repre as discus	esentative to relo ssed and approv	ed in a j	e control panels on obsite meeting. The	the heat exchange e cost is straight la	r. The drawings bor from the
3	01	22	20	00 00	0300004	MOD	For Forem	an, Add						\$66.34
						12 NAMES N		Quantity		Unit Price		Factor	Total	
						Installat	tion	12.00	X	4.32	X	1.2798	66.34	

Subtotal for No Category Input

\$2,781.22

Proposal Total

\$2,781.22

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:



Subcontractor Listing

Date: August 05, 2020

Re: IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #: ezIQC-GKK-FM08430009308.08 ezIQC-GKK-FM08430009308.08

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#6/RFI#2 HX Locations and Control

Valve Changes

Contractor:

gkkworks Construction Services

Proposal Value:

\$2,781.22

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No	.: CA-CR-GB03	-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	er.: ezIQC-GKK-FM08430009308.0	9 Work Order Date:	08/05/2020
Work Order Title:	RUHS MC EMERGENCY Dome	estic Hot Water Heat	Exchanger Replacement Supplemental - CO#7
Owner Name:	County of Riverside Facilities Mgmt.	Contractor Name:	gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
EZIQC Contract N Brief Work Order	lo CA-CR-GB03-062718-GKK.		d as per the terms and conditions of Sourcewell CO#7).
Time of Perform	Estimated Completion Da	ate: 08/05/2020	
Liquidated Dan	ages Will apply:	Will not apply:	
West Out of Fire	Fig. 1 D. 1 \$00.000.00	61 (Called St. 1911) 1945 (Called St. 1912)	
	m Fixed Price: \$20,393.06 ase Order Number: ezIQC-GKK-FM	08430009308.09	
		08430009308.09	



Detailed Scope of Work

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.09 Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7 Flexible Connectors required per OSHPD Address the need for Flexible Connectors required per OSHPD (Contractor CO#7). **Brief Scope: Preliminary** Revised X **Final** The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address the need for Flexible Connectors required per OSHPD (Contractor CO#7). Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor Nahid Selbe 08,21,2020

Date

County of Riverside Facilities Mgmt.

Contractor's Price Proposal - Summary

Date: August 05, 2020

Re: IQC Master Contract #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.09

Work Order #: Owner PO #:

ezIQC-GKK-FM08430009308.09

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7 Flexible

Connectors required per OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$20,393.06

No Category Input

\$20,393.06

Proposal Total

\$20,393.06

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

2.77%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK

Owner PO #:

ezIQC-GKK-FM08430009308.09 ezIQC-GKK-FM08430009308.09

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7 Flexible Connectors required per OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$20,393.06

Description

Sect.	ŝ	Item	Mod.	UOM

- 1	ina	Total	ı

1	01	00	00	00 0003	LS Ex	tra Pay for quick sh	nipping					\$565.34
				NPP	Installation Per Owner r	Quantity 1.00 request	×	Unit Price 450.00	×	Factor = 1.2563	Total 565.34	
2	01	22	16	00 0002	co: qu = \$ se (e. sh	imbursable FeesRists. The base cos- antity to adjust the \$125.00 Reimbursa parately and add a g. sidewalk closure ipping costs, etc.). A oposal.	t of the R base cos ble Fee). commen , road cu	eimbursable Fee t to the actual Re If there are mult t in the "note" blo t, various permit	e is \$1.00 eimbursal iple Reim ock to ide s, extende	. Insert the appropole Fee (e.g. quan abursable Fees, lise the Reimbursed warrantee, exp	oriate atity of 125 at each one able Fee edited	\$439.01
					Installation	Quantity 399.10	x	Unit Price	x	Factor = 1.1000	Total 439.01	
3	01	22	20	00 0015	tas	0.02 = 399.1 umber Minimum Ch sks utilizing this labo proved by owner.						\$1,216.82
					Installation	Quantity 1.00 ination of valves an	X	Unit Price 904.97	×	Factor = 1.3446	Total 1,216.82	
4	01	22	20	00 0064	HR We	elderFor tasks not in oner only.			on Task C	atalog® and as di	rected by	\$449.3
					Installation	Quantity 4.00	×	Unit Price 83,55	x	Factor = 1.3446	Total 449.37	
-						langes and add ste	am flex					
5	01	22	20	00 00640004	MOD Fo	r Foreman, Add Quantity 4.00	×	Unit Price 4.18	x	Factor = 1.3446	Total 22.48	\$22.48
6	01	22	23	00 0052	DAY 17	Electric, Scissor P	latform L	ift				\$893.5
					Installation	Quantity 4.00	x	Unit Price 166.14	x	Factor = 1.3446	Total 893.57	
7	22	11	16	00 0331	EA 3",	125 LB, Galvanize	d Cast In	on Flange				\$1,240.8
9.4.0, 12					Installation	Quantity 4.00	x	Unit Price 230.70	x	Factor 1.3446	Total 1,240.80	
8	22	11	16	00 03310113	MOD Fo	r Work In Restricted	d Working	g Space, Add				\$154.2
					Installation	Quantity 4.00	x	Unit Price 28.67	x	Factor 1.3446 =	Total 154.20	
9	22	11	16	00 0334	EA 6",	125 LB, Galvanize	d Cast In	on Flange		ň	8	\$1,680.3

Work Order Number: ezIQC-GKK-FM08430009308.09

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7

Flexible Connectors required per OSHPD

10	22	11	16	00 03340113	MOD Fo	r Work In Restricted	Workin	g Space, Add					\$279.8
						Quantity		Unit Price		Factor		Total	1.75
					Installation	4.00	×	52.03	×	1.3446	=	279.84	
11	22	11	16	00 0343	EA 3".	Cut And Thread Ex	cistina In		d Steel P				\$168.2
						Quantity		Unit Price	100.	Factor		Total	ψ100.2
					Installation	3.00	X	41.72	×	1.3446	=	168.29	
12	22	11	16	00 03430113	MOD Fo	r Work In Restricted	1 Workin						\$50.5
		200	,,,	00 00 100 110		Quantity	2 VVOIKIII	Unit Price		Factor		Total	φ30.3
					Installation	3.00	x	12.52	×	1.3446	=	50.50	
13	22	11	16	00 0496	EA 3"	Copper Coupling		12.02		1.0110			\$212.2
, 0		***	10	00 0430	<u> </u>	1000		Unit Price		Footor		Total	\$212.2
					Installation	Quantity 2.00	x	78.94	x	Factor 1.3446	=	Total 212.29	
11	22	44	10	00 04000400	MOD F-					1.3446			
14	22	11	16	00 04960129	MOD Fo	r Work In Restricted	vvorkin	701 4000 5000					\$0.0
					Installation	Quantity	x	Unit Price	x	Factor	=	Total 0.00	
						0.00		20.10		1.3446			gyaw woodel (See
15	22	11	16	00 0525	EA 3"	Male Copper Adapt	er						\$635.2
					Installation	Quantity	v	Unit Price	v	Factor	=	Total 635.20	
1	الرياسة					3.00	×	157.47	х	1.3446		633.20	
16	22	11	16	00 05250129	MOD Fo	r Work In Restricted	d Workin	g Space, Add					\$0.0
					Installation	Quantity		Unit Price		Factor	_	Total	
					mstallation	0.00	x	33.34	×	1.3446		0.00	
17	22	11	16	00 0559	EA 3"	Cast Bronze, Solde	r Union						\$379.5
					14-0-4	Quantity		Unit Price		Factor		Total	
					Installation	1.00	X	282.26	×	1.3446	=	379.53	
18	22	11	16	00 0614	EA 3/4	"Threaded x 3/4"	Solder x	24" Long, Flexibl	e Corruga	ated Copper S	Supply	Line	\$549.2
										-			
					Installation	Quantity	×	Unit Price	x	Factor	=	Total 549.24	
						8.00		51.06		1.3446		040.24	
19	22	11	16	00 0741	EA 3",	Cut And Prepare E	xisting I	2004 Carl 1-90 A003 An An An Old Carl 10 Carl 400 LD	Pipe				\$67.6
					Installation	Quantity	v	Unit Price	v	Factor	=	Total 67.65	
						3.00	X	16.77	х	1.3446	19110	67.65	
20	22	11	16	00 0743	EA 6",	Cut And Prepare E	xisting I	n Place Copper F	Pipe				\$130.4
					Installation	Quantity		Unit Price		Factor	_	Total	
					mstallation	3.00	Х	32.35	×	1.3446	Notes	130.49	
21	23	05	48	13 0283		Diameter x 60" Lon aided Carbon Steel			tors, Braid	ded Stainless	Steel	Over	\$2,392.4
					Installation	Quantity		Unit Price		Factor		Total	
					mstallation	4.00	X	444.83	X	1.3446	_	2,392.47	
22	23	05	48	13 0289		2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded							
					Installation	Quantity		Unit Price		Factor	_	Total	
					installation	2.00	×	481.37	X	1.3446	1551	1,294.50	
23	23	05	48	13 0300		Diameter x 60" Lon aided Carbon Steel			tors, Braid	ded Stainless	Steel	Over	\$3,171.8
					1	Quantity		Unit Price		Factor	52220	Total	
					Installation	2.00	X	1,179.47	X	1.3446	=	3,171.83	

Contractor's Price Proposal - Detail Continues..

Work Order Number: ezIQC-GKK-FM08430009308.09

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7

Flexible Connectors required per OSHPD

No Category Input

24 23 05 48 13 0324

EA 2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose,

\$4,399.32

Bronze, Flanged End Connection (Carbon Steel Ends)

Installation

Quantity

Unit Price

Factor

Total

8.00 X

408.98

1.3446

4,399.32

Subtotal for No Category Input

\$20,393.06

Proposal Total

\$20,393.06

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

2.77%



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.09

Owner PO #:

ezIQC-GKK-FM08430009308.09

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#7 Flexible Connectors required per OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$20,393.06

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No.	: CA-CR-GB03	3-062718-GKK
	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	er.: ezIQC-GKK-FM08430009308.10	Work Order Date:	08/05/2020
Work Order Title:	RUHS MC EMERGENCY Dome	stic Hot Water Heat	Exchanger-CO#8 - Victaulic Flange
Owner Name:	County of Riverside Facilities Mgmt.	Contractor Name:	gkkworks Construction Services
Contact:	Nahid Selbe	Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
EZIQC Contract N Brief Work Order I	o CA-CR-GB03-062718-GKK.		d as per the terms and conditions of Sourcewell lace).
Time of Perform	nance Estimated Start Date: 08 Estimated Completion Da		
Liquidated Dam	ages Will apply:	Will not apply:	
Work Order Fire	m Fixed Price: \$6,914.34		
Owner Purcha	se Order Number: ezIQC-GKK-FM0	08430009308.10	
Approvals			
Nahid Selbe	2 08,21,2020 e Facilities Mgmt. Da	nte Contracto	J.B - P/6/2 Date



Detailed Scope of Work

County of Riverside Facilities Mgmt.

To: Brandon Dekker From: Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 Work Order Number: ezIQC-GKK-FM08430009308.10 Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#8 - Victaulic Flange replacement Address unforeseeable condition of faulty victaulic flanges (remove and replace). **Brief Scope: Preliminary** Revised X Final The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Address unforeseeable condition of faulty victaulic flanges (remove and replace). Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor Nahid Selbe 08,21,2020

Date

Contractor's Price Proposal - Summary

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.10

Owner PO #:

ezIQC-GKK-FM08430009308.10

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#8 - Victaulic Flange replacement

Contractor:

gkkworks Construction Services

Proposal Value:

\$6,914.34

No Category Input

\$6,914.34

Proposal Total

\$6,914.34

ThisI total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #: ezIQC-GKK-FM08430009308.10 ezIQC-GKK-FM08430009308.10

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#8 - Victaulic Flange replacement

Contractor:

gkkworks Construction Services

Proposal Value:

\$6,914.34

		ct.	_	tem	Mod.	UOM	Descripti	on						Line Tota
bor		quip.	5 190.00	terial	(Excludes)				1616					
o Ca	teg	jory	Inp	ut										
1	01	22	16	00 00	02	EA	costs. T quantity t = \$125.0 separate (e.g. side	The base cost to adjust the 0 Reimbursa ly and add a ewalk closure costs, etc.).	t of the R base cos ble Fee). commen , road cu	eimbursable Fee t to the actual Re If there are mult t in the "note" blo t, various permit	e is \$1.00 eimbursal tiple Reim ock to ide s, extend	le contractor for elig b. Insert the approprible Fee (e.g. quantinbursable Fees, list ntify the Reimbursa ed warrantee, expe lemitted with the Price	iate ty of 125 each one ible Fee dited	\$148.8
								Quantity		Unit Price		Factor	Total	
						Installat	ion	135.31	X	1.00	×	1.1000 =	148.84	
						Bonds								
						6765.50	0 x 0.02 = 1	48					8	
•	•					-	Alexandr Man Va							
2	01	22	20	00 00	49	HR	owner on		included	in the Construct	tion Task	Catalog® and as di	rected by	\$2,606.7
						Installat	ian	Quantity		Unit Price		Factor	Total	
								22.00	X	88.12	x	1.3446	2,606.70	
-								to repair the	existing	flanges				
3	01	22	20	00 00	490004	MOD	For Fore	man, Add						\$59.3
						Installat	ion	Quantity	x	Unit Price	~	Factor =	Total 59.30	
	200		- 10					10.00	25034	4.41	X	1.3446	3335 SA(7) (1505 SA	
4	01	22	20	00 00	64	HR	WelderFo		ncluded i	n the Construction	on Task C	atalog® and as dire	ected by	\$449.3
								Quantity		Unit Price		Factor	Total	
						Installat	ion	4.00	x	83.55	×	1.3446	449.37	
5	01	22	20	00 00	640004	MOD	For Fore	man, Add		18				\$11.2
							■ 1000000	Quantity		Unit Price		Factor	Total	
						Installat	ion	2.00	X	4.18	×	1.3446	11.24	
6	23	21	13	23 20	41	EA	6" Coppe	r Flanged Ad	lapter Nij	oples With Groov	ve Gaske	t, ANSI CL 125 And	150	\$3,638.8
								Quantity		Unit Price		Factor	Total	
						Installat	ion	6.00	X	451.05	X	1.3446 =	3,638.89	

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Proposal Total

\$6,914.34



Subcontractor Listing

Date:

August 05, 2020

Re:

IQC Master Contract #:

CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.10

Owner PO #:

ezIQC-GKK-FM08430009308.10

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger-CO#8 - Victaulic Flange replacement

Contractor:

gkkworks Construction Services

Proposal Value:

\$6,914.34

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

	EZIQC Contract No.	: CA-CR-GB03	3-062718-GKK
- -			
e "	New Work Order	X Modify an E	xisting Work Order
Work Order Numb	per.: ezIQC-GKK-FM08430009308.11	Work Order Date:	08/05/2020
Work Order Title:	RUHS MC EMERGENCY Dome	stic Hot Water Heat	Exchanger Replacement Supplemental - CO#10
Owner Name:	County of Riverside Facilities Mgmt.	Contractor Name:	gkkworks Construction Services
Contact:	Nahid Selbe	_Contact:	Brandon Dekker
Phone:	(951) 955-4728	Phone:	(949) 250-1500
	Work to b	e Performed	
	med as per the Final Detailed Scope on CA-CR-GB03-062718-GKK.	of Work Attached and	d as per the terms and conditions of Sourcewell
Brief Work Order	Description:		
Add Flex Connec	tors to the Domestic CW and HW per	DSE's direction and	as described in RFI #13.
Time of Perform	nance Estimated Start Date: 08	3/05/2020	
	Estimated Completion Da	ite: 08/05/2020	
Liquidated Dan	nages Will apply:	Will not apply:	
Work Order Fir	m Fixed Price: \$11,362.09		
Owner Purch	ase Order Number: ezIQC-GKK-FM	08430009308.11	
Approvals			
Nahid Selbe	e 08,21,2020	1	2/6/2



Detailed Scope of Work

Nahid Selbe 08,21,2020

County of Riverside Facilities Mgmt.

From: To: **Brandon Dekker** Nahid Selbe gkkworks Construction Services County of Riverside Facilities Mgmt. 2355 Main Street, Suite 220 3133 Mission Inn Avenue Irvine, CA 92614 Riverside, CA 92507 (949) 250-1500 (951) 955-4728 **Date Printed:** August 05, 2020 ezIQC-GKK-FM08430009308.11 Work Order Number: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#10 Work Order Title: Domestic CW & HW Flex Connectors required by OSHPD Add Flex Connectors to the Domestic CW and HW per DSE's direction and as **Brief Scope:** described in RFI #13. **Preliminary** X **Final** Revised The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work. Add Flex Connectors to the Domestic CW and HW per DSE's direction and as described in RFI #13. Subject to the terms and conditions of JOC Contract CA-CR-GB03-062718-GKK. Contractor

Date

Contractor's Price Proposal - Summary

Date: A

August 05, 2020

Re:

IQC Master Contract #:

Work Order #:

CA-CR-GB03-062718-GKK ezIQC-GKK-FM08430009308.11

Owner PO #:

ezIQC-GKK-FM08430009308.11

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#10

Domestic CW & HW Flex Connectors required by OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$11,362.09

No Category Input

\$11,362.09

Proposal Total

\$11,362.09

Thisl total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%

Contractor's Price Proposal - Detail

Date: August 05, 2020

Re: IQC Master Contract #: CA-CR-GB03-062718-GKK

Work Order #:

ezIQC-GKK-FM08430009308.11

Owner PO #:

ezIQC-GKK-FM08430009308.11

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#10 Domestic CW & HW Flex Connectors required by OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$11,362.09

	Se			tem	Mod.	UOM	Descripti	on					_		Line Total
oor		quip			Excludes)			1.19						
Ca	ateg	jory	Inpu	ut			2000	15							
1	01	22	16	00 0002	2	EA	costs. T quantity t = \$125.0 separate (e.g. side	The base cost to adjust the b 0 Reimbursal ly and add a c walk closure, costs, etc.). A	of the R base cost ble Fee). comment road cu	ble Fees will be peimbursable Fee to the actual Re If there are mult in the "note" blc t, various permits each receipt sha	is \$1.00. imbursab ple Reim ck to ider s, extende	Insert the apple Fee (e.g. of bursable Fee htify the Reim and warrantee,	propriation propriation propriet propri	te of 125 ach one e Fee	\$244.59
								Quantity		Unit Price		Factor		Total	
						Installati	ion	222.35	x	1.00	×	1.1000	=	244.59	
						Bonds 11,117.	50 x 0.02 =			1.00		1.1000			
2	01	22	23	00 005	2	DAY	17' Elect	ric, Scissor Pl	atform L	ift					\$446.78
(2006)	0.60000 (f)	100	10173			estativities (Ann cale and a	Quantity		Unit Price		Factor		Total	
						Installat	ion	2.00	×	166.14	×	1.3446	=	446.78	
3	22	11	16	00 0332	2	EA	4" 125 I	B. Galvanize	d Cast In	0.0000000000000000000000000000000000000					\$3,382.9
3	22	1.1	10	00 0002			4 , 120 L	Quantity	a Oust III	Unit Price		Factor		Total	ψ0,002.0
						Installat	ion	12.00	x	209.66	×	1.3446	=	3,382.91	
								LU AMERICA MICA	725	0.0000000000000000000000000000000000000		100 March 1975		7,000	4704.04
4	22	11	16	00 0344	4	EA	4", Cut A		disting in	Place Galvanize	a Steel P				\$701.8
						Installat	ion	Quantity	×	Unit Price	x	Factor	=	Total 701.88	
								12.00	2000	43.50		1.3446		701.00	
5	22	11	16	00 035	В	LF	4" Hard	Drawn Type L	Copper	Tube/Pipe					\$722.59
						Installat	ion	Quantity		Unit Price		Factor	_	Total	
						Ilistaliat	1011	10.00	X	53.74	×	1.3446		722.59	
6	22	11	16	00 035	80127	MOD	For <20,	Add							\$38.99
						1		Quantity		Unit Price		Factor	229	Total	
						Installat	ion	10.00	X	2.90	×	1.3446		38.99	
7	22	11	16	00 042	5	EA	4" 90 De	gree Copper	Elbow		10	7 12 17			\$672.23
								Quantity		Unit Price		Factor		Total	
						Installat	ion	3.00	×	166.65	×	1.3446	=	672.23	
8	22	11	16	00 049	7	EA	4" Copp	er Coupling				18			\$468.69
							West 2002	Quantity		Unit Price		Factor		Total	
						Installat	ion	3.00	×	116.19	×	1.3446	=	468.69	
9	23	05	48	13 028	3	EA		eter x 60" Lon Carbon Steel		le Hose Connection, Welded	tors, Braid	ded Stainless	Steel C	Over	\$1,196.24
								Quantity		Unit Price		Factor		Total	
						Installat	ion	2.00	x	444.83	×	1.3446	=	1,196.24	
10	23	05	48	13 028	9	EA				ng, Flexible Hos onnection, Welde		ctors, Braided	Stainle	ss Steel	\$1,294.5
						12 2000 3		Quantity		Unit Price		Factor		Total	
						Installat	tion	2.00	×	481.37	×	1.3446	=	1,294.50	

Contractor's Price Proposal - Detail Continues..

Work Order Number: ezIQC-GKK-FM08430009308.11

Work Order Title: RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement

Supplemental CO#10 Demestic CW & HW Flex Connectors required by OSHPD

No Category Input

1 23 05 48 13 0295 EA 4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over

Braided Carbon Steel Connection, Welded

Factor Total

Installation

Quantity 3.00 Unit Price 543.58

Factor 1.3446

2,192.69

Subtotal for No Category Input

\$11,362.09

\$2,192.69

Proposal Total

\$11,362.09

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal:

%



Subcontractor Listing

Date: August 05, 2020

IQC Master Contract #: Re:

CA-CR-GB03-062718-GKK

Work Order #: Owner PO #:

ezIQC-GKK-FM08430009308.11 ezIQC-GKK-FM08430009308.11

Title:

RUHS MC EMERGENCY Domestic Hot Water Heat Exchanger Replacement Supplemental - CO#10 Domestic CW & HW Flex Connectors required by OSHPD

Contractor:

gkkworks Construction Services

Proposal Value:

\$11,362.09

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00