

July 1, 2013

Mr. Dominic Orlando, P.E. Public Services Director City of Dania Beach 100 West Dania Beach Boulevard Dania Beach, Florida 33004

RE: City of Dania Beach – Water and Force Main Subaqueous Crossing Change Order No.1-Final City Bid No. 11-002 CGA Project No. 09-2737

Dear Mr. Orlando.

Transmitted herewith for your review are three (3) copies of Change Order No. 1-Final for the final quantities reconciliation and unforeseen utilities conflicts change order.

This reconciliation of quantities and additional work due to unforeseen conflicts with existing underground utilities, results in an increase to the contract in the amount of \$47,531.62 and changes the total contract amount from \$755,449.00 to \$802,980.62.

Upon completion of your review, please sign and date the second page of this letter and forward it along with the attached documents to the appropriate individuals. If you have any questions, please do not hesitate to call. Sincerely.

CALVIN, GJORDANO & ASSOCIATES, INC.

8abrina M. Baglieri

Director Construction Services

SMB

Attachments

cc: Maurice A. Hynes, Intercounty Engineering, Inc. File

P:\Projects\2009\092737 Dania Beach - Water Main Subaqueous Crossing\Construction\Pay Request\Co_1-Final-Letter062713.docx

www.calvin-giordano.com

1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316 Phone: 954.921.7781 Fax: 954.921.8807

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Construction Engineering &

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Fort Lauderdale West Palm Beach

Port St. Lucie

Homestead

Clearwater

Jacksonville

PROJECT: Water and Force Main Subaqueous Crossin DATE OF ISSUANCE: 05/23/13	ng EFFECTIVE DATE: 05/23/12
OWNER: City of Dania Beach	
OWNER CONTRACT NO.: 11-002 CONTRACTOR: Intercounty Engineering, Inc.	ENGINEER CONTRACT NO.: 09-2737 ENGINEER: Calvin, Giordano & Associates, Inc.
You are directed to make the following changes in the Contract Doc Description: Change Order No. 1-Final Reason for Change Order: Final Reconciliation Quantities, and utilities. Attachments: See attached proposal	
CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$	Original Contract Times Substantial Completion: 90 calendar days Ready for final payment: 120 calendar days days or dates
Net changes from previous Change Orders No. <u>-0-</u> No. <u>-0-</u> \$	Net change from previous Change Orders No. <u>-0-</u> No. <u>-0-</u> O* days
Contract Price prior to this Change Order	Contract Times prior to this Change Order
\$	Substantial Completion: 90 calendar days Ready for final payment: 120 calendar days days or dates
Net increase of this Change Order \$47,531.62	Net Increase of this Change Order 31* days
Contract Price with all approved Change Orders	Contract Times with all approved Change Orders
\$802,980.62	Substantial Completion: 121 calendar days Ready for final payment: 151 calendar days days or dates
By: By: By: Calvin Giordano & Associates, Inc. City of Dania Be	By: Win Color
Date: Date:	Date:
* Non-Compensable D.f. Orland	1)



INTERCOUNTY ENGINEERING, INC.

1925 NW 18TH STREET

POMPANO BEACH, FL 33069 TEL: (954) 972-9800 FAX: (954) 974-0042

BILL TO:

Calvin, Giordano and Associates, Inc.

Attn.: Jenna Chamberlain, P. E. 1800 Eller drive, Suite 600

DATE:

5/21/2013

PROJECT NO.

Ft. Lauderdale, FL 33316 Bid No. 11-002

WORK DATES:

PROJECT NAME:

Submersible Pump

Generator

Water and Force Main Subaqueous Crossings

See below

REFERENCE:

During the installation of both Water and Force Main pipe we encounter a lot of underground utilities that were unmark and unknown which force us to dig slower that it was estimated. This unforeseen condition affected our estimated performance, creating extra work and materials on the pipe installation.

CHANGE ORDER PROPOSAL #1 REVISED

1 INTER	COUNTY ENGINEERING INC	WATER M	IAIN EXTR	A V	<u>/ORK</u>	
Qty	RCOUNTY ENGINEERING, INC. LAE Description:		Objectivity			
		Overtime	Straight	<u> </u>	ay rate	Extension
1717720	11 While digging to install the Water	Main at the r	vorth side (of th	e project,	We encounter an 8"
	sewer pipe which is in conflict with	the new vva	ter Main.	l his	sewer pip	e runs East to West,
	it was not shown on the project dra	awings and i	was not lo	ocat	ed. Then,	we exposed the 48"
	drainage pipe which is also in con	flict with new	Water Ma	in fo	or the Insp	ector/Engineer to
	see and advise. Later on the day (ity personne	el cut and c	app	ed the 8"	sewer line, at the Wes
1	side of the Water Main. We spent Foreman	4 extra hour	s of work.			
1			4	\$	40.00	\$160.0
1 .	Operator Skill Labor		4	\$	20.00	\$80.0
1	Labor		4		18.00	\$72.0
			4	\$	15.00	\$60.0
Qty	Equipment Description	Qty	Unit			
	Pick up Truck w/ Tools	4	hour			
11	Komatsu PC130 excavator		hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	4	hour			
1	Loader (Komatsu 250 or Volvo)	4	hour			
1	JCV Combination	4	hour			
1	Plate Compactor	4	hour			
1	Dump Truck		hour			
1	Road Plates		hour			
1	Light Tower		hour			
1	Submersible Pump	4	hour			
1	Generator	4	hour			
Item#	Subcontractor Description	Qty	Unit			
1	MOT	4	hour			
1/21/201		nd to cross w	ith the Wa	ter I	Main the D	rainage and sewer nit
	at Station 20+03 approximately. We	e spent 4 ext	ra hours o	f wo	rk.	go und dollor pr
1	Foreman		4	\$	40.00	\$160.00
1	Operator		4	\$	20.00	\$80.00
1	Skill Labor		4	\$	18.00	\$72.00
Item #	Material Description	Qty	Unit		10.00	Ψ12.00
1	12"-45 deg. MJ bends for WM	2	ea			· · · · · · · · · · · · · · · · · · ·
2	12" megalug. Gasket & Acc.	4	ea			
3	10"-11.25 deg. MJ bend for FM	<u>.</u>	ea			
4	10"-45 deg. MJ bend for FM		ea			<u> </u>
5	10" megalug. Gasket & Acc.		ea			
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	4	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator		hour	_		
1	Komatsu PC55	4				
1	Loader (Komatsu 250 or Volvo)	4	hour			
1	JCV Combination	4	hour			
1	Plate Compactor	4	hour		·	
1	Dump Truck		hour			
1	Road Plates		hour hour			
1	Light Tower				<u> </u>	
4	0.1		hour			

hour

hour

1	Subcontractor Description	Qty	Unit			
	MOT	4	hour			711 2
11/23/20	11 Exposed the Sewer and drainage	<u>pipe at Stati</u>				
' 1	Foreman		4	\$ 40.0		\$160.
- 	Operator Skill Labor		4	\$ 20.0		\$80.
- '	Labor	·	4	\$ 18.0		\$72.
			44	\$ 15.0	<u> </u>	\$60.
Qty 1	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	4	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	44	hour		<u> </u>	
	Loader (Komatsu 250 or Volvo)	4	hour			
1	JCV Combination	4	hour			
1	Plate Compactor	4	hour			
	Dump Truck		hour			
1	Road Plates		hour			
	Light Tower		hour			
1	Submersible Pump	4	hour			
1	Generator	4	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	4	hour			
1/28/201	11 We dug at the intersection of Taylo	r lane and I	NE 7th Ave	enue to loc	ate the exis	ting Water
	Main, so we can install the 8"x 8" ta	apping show	n in the p	roject draw	ings at stat	ion 22±41 01
	and found out that the WM was no	t there. The	water and	Sewer und	lerground	itilities were
	not located by the City of Dania Be	ach We fin	ally locate	the Water	Main aroun	d Froo DM T
	existing WM was farther east of wh	at is shown	in the dra	wings Me	anant O ha	10 5:00 PM. TI
1	Foreman	1	8	Willigs. VVE	spent 9 no	
1	Operator	- '		\$ 40.0		\$380.0
1	Skill Labor	<u>-</u>	8	\$ 20.0		\$190 .0
1	Labor	1	8	\$ 18.0		\$171.(
Qty		1	8	\$ 15.0	0	\$142.
1	Equipment Description	Qty	Unit			
 	Pick up Truck w/ Tools	9	hour			
	Komatsu PC130 excavator		hour			
	Hyundai excavator		hour			
1	Komatsu PC55	9	hour			
1	Loader (Komatsu 250 or Volvo)	9	hour			
1	JCV Combination	9	hour			
1	Plate Compactor	9	hour			
1	Dump Truck	9	hour		-	
6	Road Plates (6x9)	54	hour			
1	Light Tower		hour			
1	Submersible Pump	9	hour			
1	Generator	9	hour			
Item #	Subcontractor Description					
1	MOT	Qty	Unit	<u> </u>		
/29/2011		9	hour			
		08 to find or		ill be impos	sible to ins	tall the water
7207201			<u>it that it w</u>		itilities that	
7207201	_ main closer to the tence due to the r	many unkno	wn and ur	iforacean i		we encounter
7207201	We worked 2 extra hours, from 12:0	many unkno 00 AM to 2:0	wn and ur	iforeseen u	ad the inete	llation of the
7207201	We worked 2 extra hours, from 12:0 Water Main almost at the location si	many unkno 00 AM to 2:0 hown in the	wn and ur O AM. The project dra	nforeseen u en we starte	ed the insta	llation of the
	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F	many unkno 00 AM to 2:0 hown in the	wn and ur O AM. The project dra	nforeseen u en we starte	ed the insta	llation of the
1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman	many unkno 00 AM to 2:0 hown in the	wn and ur O AM. The project dra	nforeseen u en we starte	ed the insta installed 8 nch	llation of the 0 LF of 12"
1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator	many unkno 00 AM to 2:0 hown in the	wn and ur 0 AM. The project dra ed plates o	nforeseen usen we starte awings. We over the tre \$ 40.00	ed the insta installed 8 nch.	llation of the 0 LF of 12" \$80.0
1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor	many unkno 00 AM to 2:0 hown in the	wn and ur 0 AM. The project dra ed plates of	nforeseen usen we starte wings. We over the tre 40.00 20.00	ed the insta installed 8 nch.	#Blation of the 10 LF of 12" \$80.00 \$40.00
1 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor	many unkno 00 AM to 2:0 hown in the	own and ur 0 AM. The project dra ed plates of 2 2 2	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description	many unkno 00 AM to 2:0 hown in the inally installe	own and ur 0 AM. The project dra ed plates of 2 2 2 2 2	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	#Blation of the 10 LF of 12" \$80.00 \$40.00
1 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools	many unkno 00 AM to 2:0 hown in the inally installe	own and ur 0 AM. The project dra- ed plates of 2 2 2 2 Unit	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
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1 1 1 1 Qty	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator	many unkno 00 AM to 2:0 hown in the inally installe	own and ur O AM. The project dra ed plates of 2 2 2 2 Unit hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	Many unkno 00 AM to 2:0 hown in the inally installe Qty 2	own and ur O AM. The project dra ed plates of 2 2 2 2 Unit hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	O AM to 2:0 hown in the inally installe	own and ur O AM. The project dra ed plates of 2 2 2 Unit hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	Many unkno 00 AM to 2:0 hown in the inally installe Qty 2	own and ur O AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	O AM to 2:0 hown in the inally installed	own and ur O AM. The project dra ed plates of 2 2 2 2 Unit hour hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	O AM to 2:0 hown in the inally installed	own and ur O AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 Qty 1 1 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	Qty 2 2 2 2 2 2	own and ur O AM. The project dra ed plates of 2 2 2 2 Unit hour hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
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1 1 1 1 1 1 1 1 1 1 1 1 1 6 3	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2)	Qty 2 2 2 2 2 2	own and ur O AM. The project dra ed plates of 2 2 2 2 Unit hour hour hour hour hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
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1 1 1 1 1 1 1 1 1 1 1 1 1 6 3	We worked 2 extra hours, from 12:0 Water Main almost at the location st PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2) Submersible Pump	Qty 2 2 2 2 12 6 2 2	wn and ur 0 AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour hour hour hour hour	en we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00	ed the insta installed 8 nch.	\$80.00 \$40.00 \$36.00
1 1 1 1 Qty 1 1 1 1 1 1 6 3 1 1 1 tem #	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2) Submersible Pump Generator Subcontractor Description MOT	Qty 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	wn and ur 0 AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour hour hour hour hour	offoreseen usen we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00 \$ 15.00	ed the insta e installed 8 nch.	\$80.00 \$40.00 \$36.00 \$30.00
1 1 1 1 Qty 1 1 1 1 1 1 6 3 1 1 1 tem #	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2) Submersible Pump Generator Subcontractor Description MOT	Qty 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	wn and ur 0 AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour hour hour hour hour	offoreseen usen we starte awings. We over the tre \$ 40.00 \$ 20.00 \$ 18.00 \$ 15.00	ed the insta e installed 8 nch.	\$80.00 \$40.00 \$36.00 \$30.00
1 1 1 1 1 1 1 1 1 1 1 6 3 1 1 1em #	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2) Submersible Pump Generator Subcontractor Description MOT While installing the 2 12"-45 deg M.I.	Qty 2 2 2 2 2 12 6 2 Qty 2 hends for W	wn and ur 0 AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour hour hour hour hour	offoreseen user we started wings. We over the tree \$ 40.00 \$ 20.00 \$ 18.00 \$ 15.00	ed the installed 8 nch.	\$80.00 \$80.00 \$40.00 \$36.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	We worked 2 extra hours, from 12:0 Water Main almost at the location sl PVC pipe and poured flowable fill. F Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (6x2) Light Tower (3x 2) Submersible Pump Generator Subcontractor Description MOT	Qty 2 2 2 2 2 2 2 2 2 4 2 bends for What have to	wn and ur 0 AM. The project dra ed plates of 2 2 2 Unit hour hour hour hour hour hour hour hour	of Station 2	ed the installed 8 nch.	\$80.00 \$40.00 \$36.00 \$30.00

4	Operato-			_	00.55	
1	Operator Skill Lohan		4	\$	20.00	\$80.00
1	Skill Labor		4	\$	18.00	\$72.00
11	Labor		4	\$	15.00	\$60.00
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	4	hour			
1	Komatsu PC130 excavator	4	hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	4	hour			
1	Loader (Komatsu 250 or Volvo)	4				
1	JCV Combination	4	hour			
			hour			
1	Plate Compactor	4	hour			
1	Dump Truck		hour			
10	Road Plates (10x 4)	40	hour			
1	Light Tower		hour			
1	Submersible Pump	4	hour			-
1	Generator	4	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT					
		4	hour			
12/7/201		around static	<u>on 19+80 w</u>	e en	counter an	<u>ı old road concrete sla</u>
	After we got with the inspector and	l exposed th	ne concrete	slab	, it was de	cided to remove it. We
	spent 2 extra hours since the time	we discove	red the con	crete	slab, exp	osed it and removed it
1	Foreman		2	\$	40.00	\$80.00
1	Operator		2	\$	20.00	\$40.00
1	Skill Labor		2		18.00	
1	Labor		2			\$36.00
Qty	Equipment Description	<u> </u>		\$	15.00	\$30.00
1	Pick up Tarabard Tarab	Qty	Unit			
	Pick up Truck w/ Tools	2	hour			
1	Komatsu PC130 excavator	2	hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	· · · · · · · · · · · · · · · · · · ·	hour			
1	Loader (Komatsu 250 or Volvo)	2	hour			
1	JCV Combination				·	
1	Plate Compactor	2	hour			
1	Dump Truck		hour			
10			hour			
	Road Plates (10x 2)	20	hour			
1	Light Tower		hour			
1	Submersible Pump	2	hour		 	
1	Generator	2	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	2	hour			
12/7/2012	A second crew was working at the	eouth side s	f the project	A :		
	tanning valves for both the Force M	south side o	i trie projec	it insi	alling the	tapping sleeves and
	tapping valves for both the Force M	iain and vva	ter Main. I	he Fl	M Tapping	sleeve and tapping
	valve were installed. While digging	to exposed	the 12" DIP	<u> Wat</u>	<u>ler Main, v</u>	ve encounter an
	unknown and non located 8" PVC	<u>pipe. 4 hour</u>	<u>s later we</u> fo	ound	an 8" DIP	Water Main farther
		5" PVC that	we found e	ariv d	on the day	Since the tanning
<u> </u>	sieeve and tapping valve that we had	ive to install	were for a	12" [DIP we cal	uld not installed them
	The trench for the Water Main was	cover with a	road plate	for t	he City an	d Engineer inspection
	and advise on how to proceed. We	spent 4 exte	a bours of	101	occupation	d Engineer inspection
1	Foreman	openi 4 exti		WUIK	searching	
- i -	Operator		4		40.00	\$160.00
- ' -			4		20.00	\$80.00
	Skill Labor		4	\$	18.00	\$72.00
1	Labor		4	\$	15.00	\$60.00
Qty	Equipment Description	Qty	Unit			450.00
1	Pick up Truck w/ Tools	4	hour	-		
1	Komatsu PC130 excavator	<u> </u>	hour			<u>. </u>
1	Hyundai excavator					
1	Komatsu PC55		hour			
1			hour			
	Loader (Komatsu 250 or Volvo)		hour			
1	JCV Combination	4	hour			
1	Plate Compactor	4	hour			
1	Dump Truck		hour			
4	Road Plates (4x 4)	16	hour	_		
1	Light Tower					
1	Submersible Pump	4	hour			
- i	Generator		hour		<u> </u>	
Item #		4	hour			
1 1 1	Subcontractor Description	Qty	Unit			
	МОТ	4	hour			
<i>ızı</i> 14/2011	Installed 1 - 12"x 4" Tee, 1 - 12"x 6" While installing the 12" PVC pipe we	Tee, 1 - 6" c	ate valve :	and a	рргох 12	0 LF of 12" PVC pipe
	Transming the 12 FVC pipe we	encountere	d a 2" wate	ירות זי	e which w	se not located and it
	was unknown. City of Darlia was call	ea they ara	vided the m	noteri	ale and w	a fived the OII DVA
	pipe. We lost approximately 2 hours	eines the th	vided tile II	iater	ars and W	e rixed the 2" PVC
	pipe. We lost approximately 3 hours to site and bring the materials and fire	since the tin	ne the pipe	was	nit, the Ci	ty personnel came
1	to one and bring the materials and fir	ally fixed it	by us.			
	Foreman		3	\$ 4	0.00	\$120.00
1	Operator				0.00	\$60.00
						Ψ00.00

1	Skill Labor		3	\$	18.00	\$54.00
	Labor		3	*	15.00	\$45.00 \$45.00
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	3	hour			·
1	Komatsu PC130 excavator	3	hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	. <u> </u>	hour		<u> </u>	
1	Loader (Komatsu 250 or Volvo)	3	hour			
1	JCV Combination		hour			
1	Plate Compactor	3	hour			
10	Dump Truck Road Plates (10x 3)	- 00	<u>hour</u>			
10	Light Tower	30	hour			
1	Submersible Pump	3	hour			
	Generator	3	hour hour			· · · · · · · · · · · · · · · · · · ·
Item #	Subcontractor Description	Qty	Unit			 -
1	MOT	3	hour			<u> </u>
2/29/2012	2 We dug around station 11+22 and	find out the		confl	ict with so	me unknown and not
	located utilities that we encountered	ed. We wait	about 1 hor	ur for	City perso	onnel who confirmed
	that the discovered pipes were 2 c	old water ma	ins and a s	ervic	e Then w	e have to extend the
	trench to the west to re-route the	VM and to i	nstall the Al	RV m	anhole. Ti	his will required 2 - 12
	45 deg. MJ bends. The 2 bends at	re extra to th	ne contract	and v	ve spent 3	extra hours today
1	Foreman		3		40.00	\$120.00
1	Operator		3		20.00	\$60.00
1	Skill Labor		3		18.00	\$54.00
1	Labor		3	\$	15.00	\$45.00
Item #	Material Description	Qty	Unit			
1	12"-45 deg. MJ bends for WM	2	ea			
2	12" megalug. Gasket & Acc.	4	ea			
3	10"-11.25 deg. MJ bend for FM		ea			
<u>4</u>	10"-45 deg. MJ bend for FM		ea			
	10" megalug. Gasket & Acc.		ea			
Qty 1	Equipment Description	Qty	Unit			
- ¦ -	Pick up Truck w/ Tools	3	hour			
- '	Komatsu PC130 excavator Hyundai excavator	3	hour			
- 	Komatsu PC55	3	hour	_		
1	Loader (Komatsu 250 or Volvo)		<u>hour</u>		. <u> </u>	
	JCV Combination	3	hour			
	Plate Compactor	3	hour			
- i -	Dump Truck		hour			
8	Road Plates (8x 3)	24	hour			
1	Light Tower	24	hour hour		 	
1	Submersible Pump	3				
1	Generator	3	hour hour		·	
Item #	Subcontractor Description	Qty	Unit		· · · · · · · · · · · · · · · · · · ·	
1	MOT	3	hour			
3/1/2012	Install 1 - 12"-45 deg. MJ bend at s		This is an	ovtr	a to the co	ntroot Tropph
	done already in previous day.	1011 11120	<u>). Tills is all</u>	exua	a to the co	ritract. French was
1	Foreman		0.5	\$ 4	40.00	600.00
1	Operator		0.5		20.00	\$20.00
1	Skill Labor		0.5		18.00	\$10.00 \$9.00
1	Labor				15.00	\$7.50 \$7.50
			0.5	\$		<u> </u>
Item #	Material Description	Qtv	0.5 Unit	\$		
1	Material Description 12"-45 deg. MJ bends for WM	Qty 1	Unit	\$		
1 2	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc.		Unit ea	\$		
1 2 3	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM	1	Unit	\$		
1 2 3 4	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM	1	Unit ea ea ea	\$		
1 2 3 4 5	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc.	1	Unit ea ea	\$		
1 2 3 4	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description	1	Unit ea ea ea ea	\$		
1 2 3 4 5 Qty 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools	1 2 Qty 0.5	Unit ea ea ea ea ea	\$		
1 2 3 4 5	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator	1 2 Qty 0.5 0.5	Unit ea ea ea ea ea Unit	\$		
1 2 3 4 5 Qty 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	1 2 Qty 0.5	Unit ea ea ea ea ea Unit hour	\$		
1 2 3 4 5 Qty 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	Qty 0.5 0.5 0.5	Unit ea ea ea ea ea Unit hour	\$		
1 2 3 4 5 Qty 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	1 2 Qty 0.5 0.5	Unit ea ea ea ea ea Unit hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	Qty 0.5 0.5 0.5	Unit ea ea ea ea Unit hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	Qty 0.5 0.5 0.5	Unit ea ea ea ea Unit hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	Qty 0.5 0.5 0.5 0.5	Unit ea ea ea ea Unit hour hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1 1 1 1 1 8	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (8x 0.5)	Qty 0.5 0.5 0.5	Unit ea ea ea ea Unit hour hour hour hour hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1 1 1 1 1 8	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (8x 0.5) Light Tower	Qty 0.5 0.5 0.5 0.5	Unit ea ea ea ea Unit hour hour hour hour hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1 1 1 1 8 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (8x 0.5) Light Tower Submersible Pump	Qty 0.5 0.5 0.5 0.5	Unit ea ea ea ea ea Unit hour hour hour hour hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (8x 0.5) Light Tower Submersible Pump Generator	Qty 0.5 0.5 0.5 0.5 0.5	Unit ea ea ea ea ea Unit hour hour hour hour hour hour hour hour	\$		
1 2 3 4 5 Qty 1 1 1 1 1 1 1 1 8 1 1 1 1 1 1 1 1 1 1	Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (8x 0.5) Light Tower Submersible Pump	Qty 0.5 0.5 0.5 0.5	Unit ea ea ea ea ea Unit hour hour hour hour hour hour hour hour	\$		

:

3/5/2012						
	1 -12"-45 deg. MJ bend at the Sou				pipe at the box	and secure the
	site. The 1 - 12"-45 deg. MJ bend i	s an extra to				
1	Foreman		0.5	\$	40.00	\$20.00
1	Operator		0.5	\$		\$10.00
1	Skill Labor		0.5	\$		\$9.00
1	Labor		0.5	\$	15.00	\$7.50
Item #	Material Description	Qty	Unit		<u> </u>	
1	12"-45 deg. MJ bends for WM	1	ea			
2	12" megalug. Gasket & Acc.	2	<u>ea</u>			
3	10"-11.25 deg. MJ bend for FM		<u>ea</u>			
4	10"-45 deg. MJ bend for FM		ea			
5	10" megalug. Gasket & Acc.		ea			-
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	0.5	hour			
1	Komatsu PC130 excavator	 _	hour			
1	Hyundai excavator	0.5	hour			
1	Komatsu PC55		hour			
1	Loader (Komatsu 250 or Volvo)		hour			
1	JCV Combination	0.5	hour	_	<u> </u>	
1	Plate Compactor	0.5	hour			
1	Dump Truck		hour			
8	Road Plates (8x 0.5)	4	hour			
11	Light Tower	<u> </u>	hour			
11	Submersible Pump	0.5	hour			
1	Generator	0.5	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	0.5	hour			
6/14/2012		station 16+2	2, towards	We	st (to Dania Cut	Shipyard).
1	Foreman		4	\$		\$160.00
1	Operator		4		20.00	\$80.00
1	Skill Labor		4	\$	18.00	\$72.00
1	Labor		4	\$	15.00	\$60.00
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	4	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	4_	hour			
1	Loader (Komatsu 250 or Volvo)		hour			
11	JCV Combination	4	hour			
1	Plate Compactor	4	hour			
1	Dump Truck		hour			
4	Road Plates (4x 4)	16	hour			
1	Light Tower		hour			
11	Submersible Pump	4	hour			
1	Generator	4	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	4	hour			
				_	Subto	tal \$4,078.50
					50% burd	en \$2,039.25

2. INTERCOUNTY ENGINEERING, INC. MATERIAL:

<u>\$6,117.75</u>

\$676.28

Subtotal

Subtotal

Item #	Description	Qty	Unit	Price	Extension
1	12"-45 deg. MJ bends for WM	2	ea	\$ 145.00	\$290.00
2	12" megalug. Gasket & Acc.	4	ea	\$ 87.00	\$348.00
3	10"-11.25 deg. MJ bend for FM	0	ea	\$ 375.00	\$0.00
4	10"-45 deg. MJ bend for FM	0	ea	\$ 375.00	\$0.00
5	10" megalug. Gasket & Acc.	0	ea	\$ 77.00	\$0.00
				Subtota	\$638.00
 				6% sales tax	\$38.28

3. INTERCOUNTY ENGINEERING, INC. EQUIPMENT:

Qty Description Qty Unit Rate Extension Pick up Truck w/ Tools 1 44 hour 23.30 \$1,025.20 1 Komatsu PC130 excavator 12.5 <u>hour</u> \$ 84.35 \$1,054.38 Hyundai excavator 4 hour \$ 48.10 \$192.40 1 Komatsu PC55 31 hour 39.75 \$1,232.25 1 Loader (Komatsu 250 or Volvo) 35.5 hour \$ 58.55 \$2,078.53 JCB Combination 1 29.5 hour \$ 41.90 \$1,236.05 1 Plate Compactor 44 hour 20.20 \$888.80 **Dump Truck** 11 hour 83.50 \$918.50 1 Road Plates 220 hour 3.00 \$660.00 1 **Light Tower** 6 hour 44.48 \$266.88 Submersible Pump 44 hour 4.60 \$202.40

1	Generator	44	hour	\$	5.90	\$259.60	
		<u></u>				Subtotal	\$10,014.98
4. INTERC	COUNTY ENGINEERING, INC. S	UBCONTRACT	ORS:				
Item #	Description	Qty	Unit	F	Rate	Extension	
1	MOT	44	hour	\$	1.08	\$47.30	
						\$0.00	
						Subtotal	\$47.30
						_	
						Labor	\$6,117.75
						Materials	\$676.28
·						Contractors Equipment	\$10,014.98
						Subcontractors_	\$47.30
						Sub Total	\$16,856.31
						O & P 15% of sub total	\$2,528.45
						=	\$19,384.76
						2.5% bond costs	\$484.62
						Water Main Total =	\$19,869.38

Total money request for the extra work installing the Water Main = \$19,869.38

FORCE MAIN EXTRA WORK

1. INTERCOUNTY ENGINEERING, INC. LABOR:

Qty	Description:	Overtime	Straight	<u>t</u> -	Pay rate	Extension
<u>2/15/201</u>	1 While doing a digging exploration	for the Forc	e Main at [Dania	Cut we hit	a 2' water pipe whi
	was unknown and not located . It t	ook 2 extra	hours to fi	xed i	t.	
1	Foreman		2	\$	40.00	\$80.
1	Operator		2	\$		\$40.
1	Skill Labor		2	\$		\$36.
1	Labor		2		15.00	\$30.
Qty	Equipment Description	Qty	Unit			Ψ30.
1	Pick up Truck w/ Tools	2	hour			
1	Komatsu PC130 excavator	2	hour			
1	Hyundai excavator		hour	_		
1	Komatsu PC55	2	hour			
1	Loader (Komatsu 250 or Volvo)		hour			<u> </u>
1	JCV Combination		hour			
1	Plate Compactor		hour			
1	Dump Truck		hour			
10	Road Plates (10x 2)	20	hour			
1	Light Tower		hour	· · · · ·		
1	Submersible Pump	2	hour			
1	Generator	$\frac{2}{2}$	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	2				
2/19/2011	We were digging at the NW corner	of the inter	hour	Tauda		A I = 40
	due to many unforeseen, unknown	and not les	Section of	ayıc	r Lane and	NE /th Avenue an
	were able to install only 20 foot of 1	O" DVC nin	ated under	grou	na utilities (a	a lot of cables) we
1	were able to install only 20 foot of 1	0" PVC pip	e			
1 1	were able to install only 20 foot of 1 Foreman	0" PVC pip	e7	\$	40.00	\$280.0
1	Foreman Operator	0" PVC pip	e. 7 7	\$ \$	40.00	\$280.0 \$140.0
1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor	0" PVC pip	e. 7 7 7	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor	0" PVC pip	e. 7 7 7 7	\$ \$	40.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description	Qty	e. 7 7 7 7 Unit	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools	0" PVC pip	e. 7 7 7 7 7 Unit hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator	0" PVC pip	e. 7 7 7 7 Unit hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	O" PVC pip Qty 7	e. 7 7 7 7 Unit hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	O" PVC pip Qty 7	e. 7 7 7 7 Unit hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	Qty 7 7 7	e. 7 7 7 7 Unit hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	Qty 7 7 7 7 7	e. 7 7 7 Unit hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	Qty 7 7 7	e. 7 7 7 Unit hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	Qty 7 7 7 7 7 7	e. 7 7 7 Unit hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7)	Qty 7 7 7 7 7	e. 7 7 7 Unit hour hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower	O" PVC pip Qty 7 7 7 7 7 7	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump	O" PVC pip Qty 7 7 7 7 70 70	e. 7 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator	O" PVC pip Qty 7 7 7 7 7 70 77	e. 7 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description	O" PVC pip Qty 7 7 7 7 70 70	e. 7 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$	40.00 20.00 18.00	\$280.0 \$140.0 \$126.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT	O" PVC pip Qty 7 7 7 7 7 70 7 Qty 7	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$	40.00 20.00 18.00 15.00	\$280.0 \$140.0 \$126.0 \$105.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT Crossing Taylor Lane to install the F	Qty 7 7 7 7 7 7 7 7 Qty 7 Www. very	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$	40.00 20.00 18.00 15.00	\$280.0 \$140.0 \$126.0 \$105.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT Crossing Taylor Lane to install the Funderground utilities encountered or	Qty 7 7 7 7 7 7 7 7 4 Was very	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	40.00 20.00 18.00 15.00	\$280.0 \$140.0 \$126.0 \$105.0
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT Crossing Taylor Lane to install the Funderground utilities encountered or half way across Taylor Lane, we encountered to the stall way across Taylor Lane w	Qty 7 7 7 7 7 7 Qty 7 Qty 7 Uthis area toounter an incomplet and incomplete and i	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$ \$ co all	40.00 20.00 18.00 15.00 the unknow	\$280.0 \$140.0 \$126.0 \$105.0 and non located are, when we were
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT Crossing Taylor Lane to install the Funderground utilities encountered or half way across Taylor Lane, we encounted. This duct bank did not allow	Qty 7 7 7 7 7 7 7 7 7 7 M was very this area to counter an ure to insta	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$ \$ \$ poncre	the unknow Furthermo	\$280.0 \$140.0 \$126.0 \$105.0 and non located are, when we were that was not
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Were able to install only 20 foot of 1 Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (10x 7) Light Tower Submersible Pump Generator Subcontractor Description MOT Crossing Taylor Lane to install the Funderground utilities encountered or	Qty 7 7 7 7 7 7 7 7 7 7 M was very this area to counter an ure to insta	e. 7 7 7 Unit hour hour hour hour hour hour hour hour	\$ \$ \$ \$ \$ \$ poncre	the unknow Furthermo	\$280.0 \$140.0 \$126.0 \$105.0 and non located are, when we were that was not

1	Operator		5	\$	20.00	\$100.00
1	Skill Labor		5	\$	18.00	\$90.00
1	Labor		5	<u> </u>	15.00	\$75.00
Qty	Equipment Description	Qty	Unit	*		Ψ, 0.00
1	Pick up Truck w/ Tools	5	hour			
1	Komatsu PC130 excavator		hour			· · · · · · · · · · · · · · · · · · ·
1	Hyundai excavator	.	hour			
1	Komatsu PC55		hour		 	
1	Loader (Komatsu 250 or Volvo)	<u>5</u>			·	La de la companya de
1	JCV Combination	5	hour			
1			hour			
	Plate Compactor	5	hour			
1	Dump Truck	-	hour		_	
10	Road Plates (10x 7)	50	hour			
1	Light Tower	5	hour			
1	Submersible Pump	_ 5	hour			
1	Generator	5	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	5	hour			
12/22/201	1 Once again, due to all the unknow	vn and non lo	cated unde	ergro	ound utilit	ies encounter on this
	area of work we dug very slowly.	We installed	40 LF of P	VČ r	ipe, and	we have to install 2 new
	10"-45 deg. MJ bend because the	existing Wa	ter Main w	as o	n the way	, we went under the
	Water Main. The 2-10"-45 deg. M	J bend are n	ot extra to	the c	contract	We spent 8 extra hours
	of work.					opone o exua nouis
1	Foreman		8	\$	40.00	\$320.00
1	Operator		8		20.00	\$320.00 \$160.00
1	Skill Labor		8		18.00	
1	Labor		<u>8</u>			\$144.00 \$120.00
Qty	Equipment Description	O4:		\$	15.00	\$120.00
1		Qty	Unit			
1	Pick up Truck w/ Tools	8	hour			
1	Komatsu PC130 excavator		hour			
	Hyundai excavator		hour			
1	Komatsu PC55	8	hour			
1	Loader (Komatsu 250 or Volvo)	8	hour			
1	JCV Combination		hour			
1	Plate Compactor	8	hour			
11	Dump Truck		hour			
14	Road Plates (14x 8)	112	hour			
1	Light Tower		hour			
1	Submersible Pump	8	hour			
1	Generator	8	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	8	hour		· · ·	
12/28/2011	Slowly finished digging in the ATT		Then instal	led 4	0' of 10"	PVC nine and install 2
	new 10"-45 deg. MJ bend to avoid	the ATT ma	nhole which	h we	s on the	way we went E CE
	The 2 - 10"- 45 deg. MJ bend is an	extra to our	Contract V	Ne s	pent 7 c	tra houre
1	Foreman		7 7	\$		
1	Operator			<u> </u>	20.00	\$280.00
1	Skill Labor		7	_		\$140.00
1	Labor		7		18.00	\$126.00
Item #	Material Description	<u> </u>	<u> </u>	*	15.00	\$105.00
1	12"-45 deg. MJ bends for WM	Qty	Unit			<u>, , , , , , , , , , , , , , , , , , , </u>
2	12" megalug. Gasket & Acc.		ea		<u> </u>	
3	10"-11 25 dog Milhand for The		ea			
4	10"-11.25 deg. MJ bend for FM		ea			
5	10"-45 deg. MJ bend for FM	2	ea	_		
	10" megalug. Gasket & Acc.	4	ea			
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	7	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator		hour			
1	Komatsu PC55	7	hour	-		
1	Loader (Komatsu 250 or Volvo)	7	hour			
1	JCV Combination		hour			
1	Plate Compactor	7	hour			
1	Dump Truck	<u>_</u>				
14	Road Plates (14x 7)	98	hour			
1.	Light Tower	90	hour			
1	Submersible Pump		hour			
- i -	Generator	7	hour			
Item #		7	hour			
1	Subcontractor Description MOT	Qty	Unit	_		
12/20/2044		7	hour			
12/29/2011	While continue digging south for the	10" FM, at	station 22+	75 w	e encour	nter a sewer manhole.
	we called the irispector and ne inst	ructed us to	install the r	ine i	3 foot Fac	et of the sewer
	mannole, it requires 2 extra 10"-45	MJ bend whi	ch were ins	stalle	d. The fit	ttings are extra to the
	contract.					5 - 5 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -

that was running parallel to the trench and if we continue digging it will be a conflict. We spen 4 extra hours of work because on 1/5/12 it was decided to install the FM 7 FT to the East. 1 Foreman	ltem#					
2 12" megalug, Casket & Aoc.	110177 (1		Qty	Unit		
3				ea		
4 10'-45 deg, MJ bend for FM				ea		
10" megalug_ Casket & Acc.	3	10"-11.25 deg. MJ bend for FM	-	ea		
Marging Continue digging for the FM and at station 20+80 (around 2.30 PM) we found an ATT duct be that was running parallel to the trench and if we continue digging it wilb be a conflict. We spen 4 extra hours of work because on 1/6/12 it was decided to install the FM 7 FT to the East.	4	10"-45 deg. MJ bend for FM	2	ea		
Marging Continue digging for the FM and at station 20+80 (around 2.30 PM) we found an ATT duct be that was running parallel to the trench and if we continue digging it will be a conflict. We spen 4 extra hours of work because on 1/5/12 it was decided to install the FM 7 FT to the East.	5		4			
that was running parallel to the trench and if we continue digging it will be a conflict. We spent 4 extra hours of work because on 1/5/12 It was decided to install the FM 7 FT to the East. 1. Foreman 4 \$ 40.00 \$150.00 \$150.00 \$80.0 \$10.00	1/4/2012		station 20+	80 (around	2:30 PM) we four	nd an ATT duct bar
A extra hours of work because on 1/5/12 it was decided to install the FM 7F To the East Foreman		that was running parallel to the tren	ch and if we	continue	digging it will be a	conflict. We spent
1 Foreman						
1	1		70/12 10 1440			
1						
1						
Discrepance Description City Unit	<u> </u>					
1 Pick up Truck wi Tools 4 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator hour 1 Loader (Komatsu 250 or Volvo) 4 hour 1 Loader (Komatsu 250 or Volvo) 4 hour 1 Dimp Truck hour 1 Piate Compactor 4 hour 1 Piate Compactor 4 hour 1 Road Plates (18x 8) 72 hour 1 Light Tower hour 1 Subrensible Pump 4 hour 1 Subrensible Pump 4 hour 1 Subrensible Pump 4 hour 1 MOT After meeting with David Robbins he instructed us to dig to pass the ATT duct bank and unce the existing FM. Then David R. came back latter with the Engineer and instructed us to move the new Force main 7 foot to the East and then when past the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman 8 \$ 40.00 \$320.0 1 Skill Labor 8 \$ 18.00 \$144.0 1 Labor 8 \$ 15.00 \$120.0 2 Squipment Description Qty Unit 1 Pick up Truck will Tools 8 hour 1 Komatsu PC130 excavator 8 hour 1 Komatsu PC130 excavator 8 hour 1 Komatsu PC130 excavator 8 hour 1 Load (Komatsu 250 or Volvo) 8 hour 1 Light Tower hour 1 Nord 1 N					\$ 15.00	\$60.00
1	Qty	_Equipment Description	Qty	Unit		
1	1	Pick up Truck w/ Tools	4	hour		
1	1	Komatsu PC130 excavator		hour		-
1	1	Hvundai excavator		hour		
1 Loader (Komatsu 250 or Volvo) 4 hour 1 JCV Combination hour 1 Plate Compactor 4 hour 1 Plate Compactor 4 hour 1 Road Plates (18x 8) 72 hour 1 Light Tower hour 1 Submersible Pump 4 hour 1 Submersible Pump 4 hour 1 Submersible Pump 4 hour 1 Generator 4 hour 1 MOT 4 hour 1 MOT 4 hour 1 MOT 5/2012 After meeting with David Robbins he instructed us to dig to pass the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman 8 \$ 40,00 \$320.0 1 Operator 8 \$ \$ 40,00 \$320.0 1 Operator 8 \$ \$ 40,00 \$320.0 1 Operator 8 \$ \$ 18,00 \$144.0 1 Labor 8 \$ \$ 18,00 \$144.0 1 Labor 8 \$ \$ 18,00 \$144.0 1 Labor 8 \$ \$ 18,00 \$120.0 1 Skill Labor 8 \$ \$ 18,00 \$120.0 1 Skill Labor 8 \$ \$ 18,00 \$120.0 1 Skill Labor 8 \$ \$ 10.00 \$120.0 1 Skill Labor 8 \$ \$ 10.00 \$120.0 1 Pick up Truck w/ Tools 8 hour 1 Plududai excavator 8 hour 1 Hyundai excavator 8 hour 1 Komatsu PC53 0 excavator 8 hour 1 Loader (Komatsu 250 or Volvo) 8 hour 1 JOV Combination hour 1 Jight Tower hour 1 Submersible Pump 8 hour 1 Generator 8 hour 1 Generator 8 hour 1 Generator 8 hour 1 Generator 8 hour 1 Skill Labor 9 \$ 18 \$ 18.00 \$180.0 1 Skill Labor 9 \$ 18 \$ 18.00 \$10.0 1 Sight Truck w/ Tools 8 hour 1 Jov Combination hour 1 Flate Compactor 8 hour 1 Jov Combination 9 hour 1 Submersible Pump 8 hour 1 Generator 8 hour 1 Submersible Pump 8 hour 1 Generator 9 \$ 10.00 \$80.00 \$10.00 \$80.00 \$10.	1	Komatsu PC55	4			
1 JCV Combination						
1 Plate Compactor 1 Dump Truck 1 Road Plates (15x 8) 1 Road Plates (15x 8) 1 Light Tower 1 Submersible Pump 1 Subcontractor Description 1 MOT 1 Generator 1 MOT 1 Submersible Pump 2 A hour 1 Nor Subcontractor Description 2 Unit 1 MOT 2 Moter meeting with David Robbins he instructed us to dig to pass the ATT duct bank and uncording the existing FM. Then David R. came back latter with the Engineer and instructed us to move the new Force main 7 foot to the East and then when past the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman 1 Foreman 2 S 40.00 3320.0 318		· · · · · · · · · · · · · · · · · · ·				
1						
1			4			
1 Light Tower						
1 Submersible Pump	18		72	hour		
1 Generator 4 hour	1			hour		
1 Generator 4 hour	1		4			
Item # Subcontractor Description Qty Unit						
MOT						
the existing FM. Then David R. came back latter with the Engineer and instructed us to move the new Force main 7 foot to the East and then when past the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman					41 4 -	-41
the new Force main 7 foot to the East and then when past the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman 8 \$ 40.00 \$320.0 1 Operator 8 \$ 20.00 \$160.0 1 Skill Labor 8 \$ 18.00 \$144.0 1 Labor 8 \$ 18.00 \$144.0 1 Labor 9 Unit	1/5/2012					
the new Force main 7 foot to the East and then when past the ATT duct, bring back the FM and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1 Foreman 8 \$ 40.00 \$320.0 1 Operator 8 \$ 20.00 \$160.0 1 Skill Labor 8 \$ 18.00 \$144.0 1 Labor 8 \$ 18.00 \$144.0 1 Labor 9 Unit						
and continue on top of the existing FM. Due to the nature of the conflict we used 3 different machines to be able to dig the trench. We spent 8 extra hours of work. 1		the new Force main 7 foot to the Ea	ast and ther	when pas	t the ATT duct, bri	ng back the FM
machines to be able to dig the trench. We spent 8 extra hours of work.						
1 Foreman						
1	1 .		on vvc open			\$320.00
1					<u> </u>	
1						
Qty				8	35 18.00	\$144 00
1	7					
1						
1 Hyundai excavator 8 hour 1 Komatsu PC55 8 hour 1 JCV Combination hour 1 Plate Compactor 8 hour 1 Dump Truck hour 18 Road Plates (18x 8) 144 hour 1 Light Tower hour 1 Submersible Pump 8 hour 1 Generator 8 hour 1 MOT 8 hour 1 MOT 8 hour 16/2012 Install 2 - 10"-45 deg. MJ bend and 160' of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. 1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$80.00 1 Operator 2 \$ 20.00 \$80.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 18.00 \$36.00 1 term # Material Description <td></td> <td></td> <td>Qty</td> <td>8</td> <td></td> <td>·</td>			Qty	8		·
1 Hyundai excavator 8 hour 1 Komatsu PC55 8 hour 1 JCV Combination hour 1 Plate Compactor 8 hour 1 Dump Truck hour 18 Road Plates (18x 8) 144 hour 1 Light Tower hour 1 Submersible Pump 8 hour 1 Generator 8 hour 1 MOT 8 hour 1 MOT 8 hour 16/2012 Install 2 - 10"-45 deg. MJ bend and 160' of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. 1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$80.00 1 Operator 2 \$ 20.00 \$80.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 18.00 \$36.00 1 term # Material Description <td>Qty</td> <td>Equipment Description</td> <td></td> <td>8 Unit</td> <td></td> <td>·</td>	Qty	Equipment Description		8 Unit		·
1	Qty 1	Equipment Description Pick up Truck w/ Tools	8	8 Unit hour		·
1	Qty 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator	8	8 Unit hour hour		
1	Qty 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	8 8 8	8 Unit hour hour		\$120.00
Plate Compactor	Qty 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	8 8 8	8 Unit hour hour hour		
1	Qty 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	8 8 8	8 Unit hour hour hour hour		
18	Qty 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	8 8 8 8	8 Unit hour hour hour hour		
1 Light Tower hour 1 Submersible Pump 8 hour Item # Subcontractor Description Qty Unit 1 MOT 8 hour (6/2012) Install 2 - 10"-45 deg. MJ bend and 160" of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. 2 \$ 40.00 \$80.00 1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$40.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea a 2 12" megalug. Gasket & Acc. ea a 3 10"-11.25 deg. MJ bend for FM ea a 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Gy Equipment Description <	Qty 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	8 8 8 8	8 Unit hour hour hour hour		
1	Qty 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	8 8 8 8	8 Unit hour hour hour hour hour		
1 Submersible Pump 8 hour 1 Generator 8 hour Item # Subcontractor Description Qty Unit 1 MOT 8 hour (6/2012 Install 2 - 10"-45 deg. MJ bend and 160" of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. 20+70. 1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$40.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea ea 2 12" megalug. Gasket & Acc. ea ea 3 10"-11.25 deg. MJ bend for FM ea ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea 10" megalug. Gasket & Acc. 4 ea	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	8 8 8 8 8	8 Unit hour hour hour hour hour hour		
1 Generator 8 hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8)	8 8 8 8 8	8 Unit hour hour hour hour hour hour hour hour		
Subcontractor Description Oty Unit	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower	8 8 8 8 8	8 Unit hour hour hour hour hour hour hour hour		
1 MOT 8 hour /6/2012 Install 2 - 10"-45 deg. MJ bend and 160" of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. 1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$40.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea ea 2 12" megalug. Gasket & Acc. ea ea 3 10"-11.25 deg. MJ bend for FM ea ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump	8 8 8 8 8	8 Unit hour hour hour hour hour hour hour hour		
Install 2 - 10"-45 deg. MJ bend and 160' of 10" PVC pipe. The 2 - 10"-45 deg. MJ bends are extra to our contract. Bends are around Station 20+70. Foreman	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator	8 8 8 8 8 144	8 Unit hour hour hour hour hour hour hour hour		
Extra to our contract. Bends are around Station 20+70.	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 Item#	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description	8 8 8 8 8 144 8 8 Qty	8 Unit hour hour hour hour hour hour hour hour		
Extra to our contract. Bends are around Station 20+70.	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT	8 8 8 8 8 144 8 Qty 8	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00	\$120.00
1 Foreman 2 \$ 40.00 \$80.00 1 Operator 2 \$ 20.00 \$40.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea ea 2 12" megalug. Gasket & Acc. ea ea 3 10"-11.25 deg. MJ bend for FM ea ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT	8 8 8 8 8 144 8 Qty 8	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00	\$120.00
1 Operator 2 \$ 20.00 \$40.00 1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for VMM ea ea 2 12" megalug. Gasket & Acc. ea ea 3 10"-11.25 deg. MJ bend for FM ea ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Hyundai excavator 2 hour 1 Hyundai excavator 2 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and	8 8 8 8 8 144 8 Qty 8 160' of 10"	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00	\$120.00
1 Skill Labor 2 \$ 18.00 \$36.00 1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea 2 12" megalug. Gasket & Acc. ea 3 10"-11.25 deg. MJ bend for FM ea 4 10"-45 deg. MJ bend for FM 2 5 10" megalug. Gasket & Acc. 4 Qty Equipment Description Qty 1 Pick up Truck w/ Tools 2 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 1 JCV Combination hour 1 Plate Compactor 2 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc	8 8 8 8 8 144 8 Qty 8 160' of 10"	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de	g. MJ bends are
1 Labor 2 \$ 15.00 \$30.00 Item # Material Description Qty Unit 1 12"-45 deg. MJ bends for WM ea ea 2 12" megalug. Gasket & Acc. ea ea 3 10"-11.25 deg. MJ bend for FM ea ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc	8 8 8 8 8 144 8 Qty 8 160' of 10"	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00	\$120.00 g. MJ bends are \$80.00
Item #Material DescriptionQtyUnit112"-45 deg. MJ bends for WMea212" megalug. Gasket & Acc.ea310"-11.25 deg. MJ bend for FMea410"-45 deg. MJ bend for FM2ea510" megalug. Gasket & Acc.4eaQtyEquipment DescriptionQtyUnit1Pick up Truck w/ Tools2hour1Komatsu PC130 excavatorhour1Hyundai excavator2hour1Komatsu PC55hour1Loader (Komatsu 250 or Volvo)2hour1JCV Combinationhour1Plate Compactor2hour1Dump Truckhour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator	8 8 8 8 8 144 8 Qty 8 160' of 10"	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00	\$120.00 g. MJ bends are \$80.00 \$40.00
1 12"-45 deg. MJ bends for WM ea 2 12" megalug. Gasket & Acc. ea 3 10"-11.25 deg. MJ bend for FM ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor	8 8 8 8 8 144 8 Qty 8 160' of 10"	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
2 12" megalug. Gasket & Acc. ea 3 10"-11.25 deg. MJ bend for FM ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor Labor	8 8 8 8 8 144 8 Qty 8 160' of 10" pund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
3 10"-11.25 deg. MJ bend for FM 2 ea 4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor Labor Material Description	8 8 8 8 8 144 8 Qty 8 160' of 10" pund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
4 10"-45 deg. MJ bend for FM 2 ea 5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM	8 8 8 8 8 144 8 Qty 8 160' of 10" pund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc.	8 8 8 8 8 144 8 Qty 8 160' of 10" pund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00
5 10" megalug. Gasket & Acc. 4 ea Qty Equipment Description Qty Unit 1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM	8 8 8 8 8 144 8 Qty 8 160' of 10" pund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
QtyEquipment DescriptionQtyUnit1Pick up Truck w/ Tools2hour1Komatsu PC130 excavatorhour1Hyundai excavator2hour1Komatsu PC55hour1Loader (Komatsu 250 or Volvo)2hour1JCV Combinationhour1Plate Compactor2hour1Dump Truckhour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM	8 8 8 8 8 144 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Pick up Truck w/ Tools 2 hour 1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM	8 8 8 8 8 8 144 8 Qty 8 160' of 10" ound Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Komatsu PC130 excavator hour 1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10"-45 deg. MJ bend for FM	8 8 8 8 8 8 144 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Hyundai excavator 2 hour 1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Komatsu PC55 hour 1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Loader (Komatsu 250 or Volvo) 2 hour 1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 JCV Combination hour 1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Plate Compactor 2 hour 1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are arc Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" ound Station Qty 2 4 Qty 2	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
1 Dump Truck hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" ound Station Qty 2 4 Qty 2	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station Qty 2 4 Qty 2	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
18 Road Plates (18x 2) 36 hour	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10"megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" bund Station Qty 2 4 Qty 2	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	\$120.00 g. MJ bends are \$80.00 \$40.00 \$36.00
	Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (18x 8) Light Tower Submersible Pump Generator Subcontractor Description MOT Install 2 - 10"-45 deg. MJ bend and extra to our contract. Bends are are Foreman Operator Skill Labor Labor Material Description 12"-45 deg. MJ bends for WM 12" megalug. Gasket & Acc. 10"-11.25 deg. MJ bend for FM 10"-45 deg. MJ bend for FM 10" megalug. Gasket & Acc. Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	8 8 8 8 8 8 144 8 8 Qty 8 160' of 10" ound Station Qty 2 4 Qty 2 2	8 Unit hour hour hour hour hour hour hour hour	\$ 15.00 The 2 - 10"-45 de \$ 40.00 \$ 20.00 \$ 18.00	g. MJ bends are \$80.00 \$40.00

1	Light Tower		hour		-	· · ·
1	Submersible Pump	2	hour			
1	Generator		hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	2	hour			
1/10/2012	Dug 100 foot of new trench but it	was done ver		e to	the many u	inknown utilities on th
	way. We spent 6 extra hours of w					
1	Foreman		6	\$	40.00	\$240.00
1	Operator		6	\$	20.00	\$120.00
1	Skill Labor		6	\$	18.00	\$108.00
1	Labor		6	\$	15.00	\$90.00
Qty	Equipment Description	Qty	Unit		'	
_ 1	Pick up Truck w/ Tools	6	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator	6	hour		***	
1	Komatsu PC55	6	hour			
1	Loader (Komatsu 250 or Volvo)	6	hour			
11	JCV Combination		hour			
1	Plate Compactor	6	hour			
1	Dump Truck	400	hour			
18	Road Plates (18x 6)	108	hour			
<u>1</u>	Light Tower Submersible Pump		hour			
1	Generator	6	hour			
Item#	Subcontractor Description	Qty	hour Unit			
1	MOT Description	Q(y				
1/11/2012	Install 2 - 10"-45 deg. MJ bends.		hour	he a	antroot Cin	co the transh was
1/ [1/20 12	dug already we install the bends in	n 2 hours	e exila to t	ile C	onuact. Sine	ce the trench was
1	Foreman	ii Z HOUIS.	2	\$	40.00	\$80.00
i	Operator		2	<u> </u>	20.00	\$40.00
1	Skill Labor		2	<u> </u>	18.00	\$36.00
1	Labor		2	<u>\$</u>	15.00	\$30.00
Item #	Material Description	Qty	Unit	<u> </u>	10.00	Ψ00.00
1	12"-45 deg. MJ bends for WM	<u> </u>	ea			
2	12" megalug. Gasket & Acc.		ea			
3	10"-11.25 deg. MJ bend for FM		ea			
4	10"-45 deg. MJ bend for FM	2	ea			·
5	10" megalug. Gasket & Acc.	4	ea			
Qty	Equipment Description	Qty	Unit			
1	Pick up Truck w/ Tools	2	hour			
1	Komatsu PC130 excavator		hour			
1	Hyundai excavator	2	hour			
1	Komatsu PC55		hour		_	
1	Loader (Komatsu 250 or Volvo)	2	hour			
1	JCV Combination		hour			
1	Plate Compactor	2	hour			
1	Dump Truck		hour			
18	Road Plates (18x 2)	36	hour			
1	Light Tower		hour			
1	Submersible Pump	2	hour			
1	Generator	2	hour			
Item #	Subcontractor Description	Qty	Unit			
1	MOT	_2	hour			
1/18/2012	Exploratory digging south of Station	n 17+80. We	found that	the	e are many	conflicts to install
	the new FM per drawings, so it wa	is decided to	explore the	• Fas		
4					40.00	\$220.00
1	Foreman		5.5	\$	40.00	
1	Foreman Operator		5.5 5.5	\$ \$	20.00	\$110.00
1 1	Foreman Operator Skill Labor		5.5 5.5 5.5	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1	Foreman Operator Skill Labor Labor		5.5 5.5 5.5 5.5	\$ \$	20.00	\$110.00
1 1 1 Qty	Foreman Operator Skill Labor Labor Equipment Description	Qty	5.5 5.5 5.5 5.5 Unit	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 Qty 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools	Qty 5.5	5.5 5.5 5.5 5.5 Unit hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 Qty 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator		5.5 5.5 5.5 5.5 Unit hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 Qty 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator	5.5	5.5 5.5 5.5 5.5 Unit hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 Qty 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55	5.5 5.5	5.5 5.5 5.5 5.5 Unit hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 Qty 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo)	5.5	5.5 5.5 5.5 Unit hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 Qty 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination	5.5 5.5 5.5	5.5 5.5 5.5 Unit hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 Qty 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor	5.5	5.5 5.5 5.5 Unit hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck	5.5 5.5 5.5 5.5	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 Qty 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (14x 5.5)	5.5 5.5 5.5	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (14x 5.5) Light Tower	5.5 5.5 5.5 77	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (14x 5.5) Light Tower Submersible Pump	5.5 5.5 5.5 5.5 77 5.5	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (14x 5.5) Light Tower Submersible Pump Generator	5.5 5.5 5.5 77 5.5 5.5	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Foreman Operator Skill Labor Labor Equipment Description Pick up Truck w/ Tools Komatsu PC130 excavator Hyundai excavator Komatsu PC55 Loader (Komatsu 250 or Volvo) JCV Combination Plate Compactor Dump Truck Road Plates (14x 5.5) Light Tower Submersible Pump	5.5 5.5 5.5 5.5 77 5.5	5.5 5.5 5.5 Unit hour hour hour hour hour hour hour hour	\$ \$	20.00 18.00	\$110.00 \$99.00

\$5,254.50 Subtotal 50% burden \$2,627.25 \$7,881.75 Subtotal INTERCOUNTY ENGINEERING, INC. MATERIAL Item # Description Qty Unit Price Extension 12"-45 deg. MJ bends for WM \$0.00 0 145.00 ea 12" megalug. Gasket & Acc. 2 0 ea 87.00 \$0.00 3 10"-11.25 deg. MJ bend for FM 0 \$ 375.00 \$0.00 ea 10"-45 deg. MJ bend for FM 6 \$ 375.00 ea \$2,250.00 10" megalug. Gasket & Acc. 5 ea 77.00 \$1,078.00 Subtotal \$2,250.00 6% sales tax \$135.00 Subtotal \$2,385.00 INTERCOUNTY ENGINEERING, INC. EQUIPMENT: Qty Description Rate Qty Unit Extension 1 Pick up Truck w/ Tools 56.5 hour \$ 23.30 \$1,316.45 1 Komatsu PC130 excavator 10 \$ 84.35 hour \$843.50 Hyundai excavator 18 hour \$ 48.10 \$865.80 1 Komatsu PC55 52.5 hour 39.75 \$2,086.88 1 Loader (Komatsu 250 or Volvo) 56.5 \$ 58.55 hour \$3,308.08 1 JCB Combination \$ 41.90 \$293.30 hour 1 Plate Compactor 56.5 hour \$ 20.20 \$1,141.30 Dump Truck 0 hour \$ 83.50 \$0.00 1 Road Plates 3.00 \$2,469.00 823 hour \$ 1 Light Tower 5 44.48 hour \$ \$222.40 1 Submersible Pump 56.5 hour \$ 4.60 \$259.90 Generator 56.5 \$ 5.90 \$333.35 hour Subtotal \$13,139.95 4. INTERCOUNTY ENGINEERING, INC. SUBCONTRACTORS: Item # Description Rate Qty Unit **Extension** 1 MOT 56.5 hour \$ 1.08 \$60.74 \$0.00 \$60.74 Subtotal \$7,881.75 Labor **Materials** \$2,385.00 Contractors Equipment \$13,139.95 Subcontractors \$60.74 Sub Total \$23,467.44 O & P 15% of sub total \$3,520.12 \$26,987.55 2.5% bond costs \$674.69 Force Main Total = \$27,662.24 Total money request for the extra work installing the Force Main = \$27,662.24

*** In addition to the above cost, we would like to request 31.00 calendar day extension to our contract.

Total money request for the extra work installing the Water Main & the Force Main = \$47,531.62