# Colorado Water Conservation Board Project Expenditure Schedule

# Outlet Canal Automation Project Phase II Original Amended Final Loan Contract No.: CT2021-3658 Authorization: \$395,920.00 Contract Amount \$392,000.00 Loan Service Fee % 1.00%

Ph. (970) 522-2025 Fax (970) 522-2025 jim@northsterling.org

**North Sterling Irrigation District** 

Sterling, CO 80751-0103

c/o James T. Yahn

P. O. Box 103

Authorization: \$395,920.00

Contract Amount \$392,000.00

Loan Service Fee \$1.00%

Loan Service Fee \$3,920.00

Total Loan Amount \$395,920.00

Interest: 0.09%

Term (Years): 20

Conditions: Up to 100%

IDC Calculation Date: x

Substantial Completion Date 3/5/2026 Open **Contract Expires:** Pay **Balance Cumulative Loan** Amount Req. Date **Description** Available to Interest **Accrued Interest** Disbursed Balance No. Loan \$ 392,000.00 3/15/2021 Materials and Labor 332,679.20 \$ 332,679.20 \$ 59,320.80

pasmisging Days
85% -

# The North Sterling Irrigation District

112 North 8th Avenue - P.O. Box 103 - Phone (970) 522-2025 STERLING, COLORADO 80751-0103

BOARD OF DIRECTORS DAVID HERNANDEZ, President DAVID BREIDENBACH, Vice-President JAMES ARANCI, Director JAMES T. YAHN, P.E. Manager

Date: 03/15/2021

Cole Bedford, PE Colorado Water Conservation Board 1313 Sherman Street, Room 718 Denver, CO 80203 cole.bedford@state.co.us

Re: Outlet Canal Automation Project Phase II – Pay Request No. 1 CWCB Loan Contract Number CT2021-3658

Dear Mr. Bedford:

Enclosed is Pay Request 1 for the costs associated with North Sterling Irrigation District's Outlet Canal Automation Project Phase II Project. The following is a summary of all current project charges.

Current Project Charges	\$ 332.679.20
Previous Project Charges	\$ 0.00
TOTAL	\$ 332,679.20
LOAN CT2021-3658 (100%)	
CWCB Eligible Payment	\$ 332,679.20
<b>Previous CWCB Payments</b>	\$ 0.00
AMOUNT OF THIS REQUEST	\$ 332,679.20

We request payment for the amount indicated above. We have included the invoices related to the requested payment amount identified above. If you have any questions, please call us at (970)522-2025.

OK to Pay \$332,679.20

Contract/PO# CT2021-3658

Sincerely,

lames Yahn

Manager, NSID

APPROVED

Date

By Cole Bedford at 4:07 pm, Mar 15, 2021

Certificate of insurance Expiration Date

CONSTRUCTION CONTRACTOR - 11/15/2021

**APPROVED** 

By Kirk Russell at 5:17 pm, Mar 15, 2021

# PROGRESS REPORT PAY REQUEST No. 1

Project Cost expended during this Pay Request is summarized below:

INVOICE #	DATE OF INV.	INVOICE DESCRIPTION	AMOUNT
200639		Communication Components,	
	12/21/2020	Acuators, Miscellaneous	\$ 100,504.34
210022		Radar Sensors, Gate	
	01/26/2021	Controller, Couplers	\$ 176,020.81
210024	01/30/2021	Labor	\$ 7,750.00
210001	01/07/2021	Installation Parts and Labor	\$ 48,404.05
	*	- 18	Sep
		****	
	/		
	CUI	RRENT PROJECT CHARGES	\$ 332,679.20

# Project Update:

Most of the major components have been acquired and substantial assembly has been done in contractor's shop. Trenching and placement of conduit and communication wire nearly complete. All but 4 radar sensors have been installed. Approximately 22 headgates have yokes installed. Weather permitting project should be completed on schedule, prior to irrigation season.







# INVOICE

Bill To

**North Sterling Irrigation District** 

112 North 8th Avenue Sterling

80751 CO. USA

Ship To Jim Yahn

112 North 8th Avenue

Sterling

80751 CO

USA

Invoice# INV-200639
Invoice Date 21 Dec 2020
Terms Credit Card

NSID Gate Automation

Project

#	Item	Description	Qty	Rate	Amount
1	Miscellaneous Itemized Common Components /Equipment SKU : Misc-Itemized	GATER Radar Sensor Mount, Hot Dip Galv.	64.00 EA	41.23	2,638.72
2	Cellular Gateway, AirLink Raven RV50X Gateway SKU : RV50X	Cellular Terminal, AirLink Raven RV50X 4G/LTE Gateway	9.00 EA	570.00	5,130.00
3	Solar Panel, SPM055P-F, 12V, 55W SKU: SPM055P-F	Solar Panel, 12 Volts, 55 Watts Junction Box 25.7" x 25.2" x 1.38" (Use with UNI-SA/26 mount)	8.00 EA	123.00	984.00
4	Solar Panel, SPM030P-F, 12V, 30W SKU: SPM030P-F	Solar Panel, 12 Volts, 30 Watts Junction Box 31.1" x 14.1" x 1.97" (Use with UNI-SA/21.5 mount)	56.00 EA	88.50	4,956.00
5	Mount, SOP, 26" SKU: UNI-SA/26.0	Solar panel mounting bracket - Side of pole - 26" arm	8.00 EA	53.02	424.16
6	Mount, SOP, 21.5" SKU : UNI-SA/21.5	Solar panel mounting bracket - Side of pole - 21.5" arm	56.00 EA	44.56	2,495.36
7	Radio, SignalFire, Modbus-Stick, No Breakout SKU: MBS-NONE-25	SignalFire Modbus Stick Radio, 900 MHz, Modbus, RS-485, 25' Cable, No Breakout Module	41.00 EA	666.25	27,316.25
8	Radio, SignalFire A2 Node, RS485, PCB Only SKU : A2-485-PCB	SignalFire A2 Node, RS485 Modbus, PCB Only	3.00 EA	536.25	1,608.75

#	Item	Description	Qty	Rate	Amount
)	Radio, SignalFire GWS, DHCP Ethernet Module, 25' Cable SKU: GWS-ENET-25	Signal-Fire Gateway Stick Radio, DHCP Ethernet Module, 25' Cable	8.00 EA	1,226.25	9,810.00
0	Actuator, Linear, 21" Stroke, 12VDC, GATER SKU : MA-8A43F8382- 21MB	800 Series Motorized Acme Screw Actuator For GATER - 21-Inch - 12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	2.00 EA	500.00	1,000.00
	Actuator, Linear, 24" Stroke, 12VDC, GATER SKU: MA-8A43F8382- 24MB	800 Series Motorized Acme Screw Actuator For GATER - 24-Inch -12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	21.00 EA	500.00	10,500.00
2	Actuator, Linear, 27" Stroke, 12VDC, GATER SKU : MA-8A43F8382- 27MB	800 Series Motorized Acme Screw Actuator For GATER - 27-Inch - 12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	3.00 EA	531.233	1,593.70
3	Actuator, Linear, 30" Stroke, 12VDC, GATER SKU : MA-8A43F8382- 30MB	800 Series Motorized Acme Screw Actuator For GATER - 30-Inch - 12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	16.00 EA	562.50	9,000.00
4	Actuator, Linear, 36" Stroke, 12VDC, GATER SKU : MA-1A43F1382- 36MB	1200 Series Motorized Acme Screw Actuator For GATER - 36-Inch - 12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	16.00 EA	562.50	9,000.00
5	Actuator, Linear, 40" Stroke, 12VDC, GATER SKU : MA-1A43F1382- 40MB	1200 Series Motorized Acme Screw Actuator For GATER - 40-Inch - 12VDC, 2500 RPM Motor, 58:1 Gear Ratio - Potentiometer, Limit Switches, Clutch - Manual Crank - Motor Boot	6.00 EA	625.00	3,750.00
6	Miscellaneous Itemized Common Components /Equipment SKU : Misc-Itemized			313.30	6,892.60
7	Miscellaneous Itemized Common Components /Equipment SKU: Misc-Itemized	GATER Mast Foot, Hot Dip Galv. 64.00 29.26 EA			
8		GATER Crank, Powder Coat	64.00	23.94	1,532.16
nk	you for your business.			Sub Total	100,504.34
IIIK	you for your business.			Jub Total	100,504.5



## **HYDROLOGIK LLC**

10790 W. 50th Avenue UNIT 700 Wheat Ridge, Colorado 80033 U.S.A

# INVOICE

Invoice#

Terms

**Invoice Date** 

Bill To

**North Sterling Irrigation District** 

112 North 8th Avenue Sterling 80751 CO USA

Ship To Jim Yahn 112 North 8th Avenue Sterling 80751 CO

USA

Reference

INV-210022

26 Jan 2021

Due on Receipt

NSID Gate Automation Project-Equipment Only

#	Item .	Description	Qty	Rate	Amount
1	Radar Level Sensor, VEGA, C 21, 4-20mA, 5m SKU: RA - 222 23G	Radar Level Sensor VEGA C 21 1-1/2" NPT x 1" NPT 5m Cable 4-20mA/HART Bluetooth	64.00 EA	913.63	58,472.32
2	GATER Controller, Series 1, 1210 SKU: GATER Controller, Series 1, 1210	OEM GATER Controller, Series 1 - 12x10 Enclosure	64.00 EA	1,596.00	102,144.00
3	GATER-Component Parts	Component parts for GATER systems - GATER Yoke, Large, Hot Dip Galv For 30" & 36" gates	22.00 EA	313.295	6,892.49
4	GATER-Stem Coupler Assy SKU: HYD-01	Gate stem coupler assembly, stub-ACME threads O.D.: Various TPI: Various No. Leads: Various Handedness: Various	64.00 EA	133.00	8,512.00

Thank you for your business.

Sub Total	176,020.81
Total	\$176,020.81
Balance Due	\$176,020.81
	***************************************





10790 W. 50th Avenue UNIT 700 Wheat Ridge, Colorado 80033 U.S.A

## INVOICE

Bill To

**North Sterling Irrigation District** 

112 North 8th Avenue Sterling 80751 CO

USA

Ship To Jim Yahn

112 North 8th Avenue

Sterling

80751 CO

USA

Invoice# INV-210024
Invoice Date 30 Jan 2021
Terms Due on Receipt
Reference Automation Project Labor through Jan 2021
Project Name North Sterling Irrigation

District

#	Task	Description	Hours	Rate	Amount
1	Bruce Bacon - Field Work	07 Dec 2020: : 07 Dec 2020 08:00 - 18:30: Visit gates 4 through 25B to document site equipment and mark trench locations.	10.50	250.00	2,625.00
2	Lew Ladwig - Field Work	07 Dec 2020: : 07 Dec 2020 08:00 - 18:30: Visit gates 4 through 25B to document site equipment and mark trench locations.	10.50	0.00	0.00
3	Bruce Bacon - Field Work	10 Dec 2020 : : : Visit gates 27A through 42 Straight to document site equipment and mark trench locations.	8.00	250.00	2,000.00
1	Lew Ladwig - Field Work	10 Dec 2020 : : : Visit gates 27A through 42 Straight to document site equipment and mark trench locations.	8.00	0.00	0.00
5	Bruce Bacon - Technical Work	16 Dec 2020 : : : Working on radio network configurations, BOMs, ordering, spreadsheet updates	5.00	150.00	750.00
6	Bruce Bacon - Field Work	08 Jan 2021: : 08 Jan 2021 07:00 - 16:30: Survey of HG42A through HG56. Drop off 1000' wire with Tim. Visit with Kyle and Lance.	9.50	250.00	2,375.00
7	Lew Ladwig - Field Work	08 Jan 2021: : 08 Jan 2021 07:00 - 16:30: Survey of HG42A through HG56. Drop off 1000' wire with Tim. Visit with Kyle and Lance.	9.50	0.00	0.00

Thank you for your business.

This invoice is for labor only for the system-wide gate automation project. This invoice covers all billable labor up the end of January 2021.

Total	\$7,750.00
Balance Due	\$7,750.00

Sub Total

There have been plenty of other project-related activities in this timeframe, however these are mostly activities related to equipment procurement and are included in the amounts in the equipment invoices to date.





# HydroLogik ~ Every drop counts - Count every drop ~

# Bill To

# **North Sterling Irrigation District**

112 North 8th Avenue Sterling 80751 CO USA

Ship To Jim Yahn 112 North 8th Avenue Sterling 80751 CO USA

### INVOICE

Invoice# Invoice Date INV-210001

07 Jan 2021 Due on Receipt

Reference

Terms

Gate Automation Project Supplies Delivered

#	Item	Description	Qty	Rate	Amount
1	Installation Parts & Supplies SKU : Installation Parts & Supplies	- Materials, Hardware, Supplies		8,904.13	8,904.13
2	T&E Reimbursement SKU : T&E Reimbursement	Reimbursable Travel & Expenses  @ Cost + 10%  13 person days lodging & meals Itemized receipts available on request	1.00 EA	1,199.92	1,199.92
3	Labor - Shop Services SKU : Labor - Shop Services	Labor - Shop Services - Assembly, Integration, Configuration, Testing	40.00 HR	95.00	3,800.00
4	Labor - Professional Services SKU : Labor - Professional Services	Labor - Professional Services - Design, Engineering, Technical Analytics, Programming, Technical Documentation, Integration, Configuration, Testing, Diagnostics - Much of this work is getting the host site built and configured.	80.00 EA	150.00	12,000.00
5	Labor - Field Services SKU : Labor - Field Services	Engineer/Technician with stocked service vehicle Person Days @ 10 hr./day	15.00 HR	1,500.00	22,500.00

Thank you for your business.

This invoice covers work performed and materials and supplies purchased through March 9, 2021.

At this stage, except for materials like mast pipes, some electrical fittings per mast, and a few miscellaneous parts, all the equipment and most of the parts have been invoiced and paid for. The remaining invoices should me mostly labor, T&E, and a few supplies. We are still well on track to keep the entire project under \$500K.

<b>Balance Due</b>	\$48,404.05
Total	\$48,404.05
Sub Total	48,404.05

# Colorado Water Conservation Board Project Expenditure Schedule

# **Outlet Canal Automation Project Phase II**

North Sterling Irrigation District P. O. Box 103 Sterling, CO 80751-0103

Ph. (970) 522-2025 Fax (970) 522-2025 jim@northsterling.org

c/o James T. Yahn

Original Amended Final CT2021-3658 Loan Contract No.: Authorization: \$395,920.00 \$392,000.00 Contract Amount Loan Service Fee % 1.00% \$3,920.00 Loan Service Fee **Total Loan Amount** \$395,920.00 Interest: 0.09% Term (Years): 20 Conditions: Up to 100% IDC Calculation Date: Х

		Substantial Completion Date	Ope	en					Contract Expires:	3/5/2026
Pay Req. No.	Date	Description		Amount Disbursed			Balance Available to Loan		Interest	Accrued Interest
							\$	392,000.00		
1	3/22/2021	Materials and Labor	\$	332,679.20	\$	332,679.20	\$	59,320.80	-	-
2	4/20/2021	Materials and Labor	\$	53,293.34	\$	385,972.54	\$	6,027.46	-	-

Days

85% 98% -

# The North Sterling Irrigation District

112 North 8th Avenue - P.O. Box 103 - Phone (970) 522-2025 STERLING, COLORADO 80751-0103

BOARD OF DIRECTORS DAVID HERNANDEZ, President DAVID BREIDENBACH, Vice-President JAMES ARANCI, Director JAMES T. YAHN, P.E. Manager

Date: 04/20/2021

Cole Bedford, PE Colorado Water Conservation Board 1313 Sherman Street, Room 718 Denver, CO 80203 cole.bedford@state.co.us

Re: Outlet Canal Automation Project Phase II – Pay Request No. 2 CWCB Loan Contract Number CT2021-3658

Dear Mr. Bedford:

Enclosed is Pay Request 2 for the costs associated with North Sterling Irrigation District's Outlet Canal Automation Project Phase II Project. The following is a summary of all current project charges.

\$ 53,293.34		
\$ 332,679.20		
\$ 385,972.54		
\$ 385,972.54		
\$ 332,679.20		
\$ 53,293.34		

We request payment for the amount indicated above. We have included the invoices related to the requested payment amount identified above. If you have any questions, please call us at (970)522-2025.

Sincerely,

benut (

Manager, NSID

OK to Pay \_\_\_\_\$53,293.34

Contract/PO# CT2021-3658

**APPROVED** 

Date

By Cole Bedford at 10:02 am, Apr 22, 2021

Certificate of Insurance Expiration Date
CONSTRUCTION CONTRACTOR – 11/15/2021

# **APPROVED**

By Kirk Russell at 10:35 am, Apr 22, 2021

# PROGRESS REPORT PAY REQUEST No. 2

Project Cost expended during this Pay Request is summarized below:

INVOICE #	DATE OF INV.	INVOICE DESCRIPTION	AMOUNT
210175		Material & Hardware, Travel	
		& Expense, Shop Labor,	
		Design, Technical,	
		Engineering, Programming,	
	4/07/2021	Field Personnel - Installation	\$ 53,293.34
	\$	<b>*</b>	
		DEDITE DE OFFICE CHARGE	
	CUI	RRENT PROJECT CHARGES	\$ 53,283.34

# Project Update:

Installation of yolks, radar sensors, and trenching and placement of conduit and wire complete. Most of the solar panels and control boxes installed, working on completing each site with installation of actuators and programming. Contactor working through difficult weather conditions to ensure completion prior to irrigation season.



10790 W. 50th Avenue UNIT 700 Wheat Ridge, Colorado 80033 U.S.A



Bill To

## **North Sterling Irrigation District**

112 North 8th Avenue Sterling 80751 CO USA

Ship To Jim Yahn 112 North 8th Avenue Sterling 80751 CO USA

## INVOICE

Invoice# INV-210175
Invoice Date 07 Apr 2021
Terms Due on Receipt

**Reference** Gate Automation Project

#	Item	Description	Qty	Rate	Amount
1	Installation Parts & Supplies SKU : Installation Parts & Supplies	Installation Parts & Supplies - Materials, Hardware, Supplies - Itemized in Master Spreadsheet - Itemized receipts available on request	1.00 SET	14,188.51	14,188.51
2	T&E Reimbursement SKU : T&E Reimbursement	Reimbursable Travel & Expenses @ Cost + 10% 13 person days lodging & meals Itemized receipts available on request	1.00 EA	1,629.83	1,629.83
3	Labor - Shop Services SKU : Labor - Shop Services	Labor - Shop Services - Assembly, Integration, Configuration, Testing	55.00 HR	95.00	5,225.00
4	Labor - Professional Services SKU : Labor - Professional Services	Labor - Professional Services - Design, Engineering, Technical Analytics, Programming, Technical Documentation, Integration, Configuration, Testing, Diagnostics - Much of this work is getting the host site built and configured.	75.00 EA	150.00	11,250.00
5	Labor - Field Services SKU : Labor - Field Services	Engineer/Technician with stocked service vehicle Person Days @ 10 hr./day	14.00 HR	1,500.00	21,000.00

Thank you for your business.

This invoice covers work performed and materials and supplies purchased through March 9, 2021.

At this stage, except for materials like mast pipes, some electrical fittings per mast, and a few miscellaneous parts, all the equipment and most of the parts have been invoiced and paid for. The remaining invoices should me mostly labor, T&E, and a few supplies. We are still well on track to keep the entire project under \$500K.

Sub Total	53,293.34		
Total	\$53,293.34		
Balance Due	\$53,293.34		

# Colorado Water Conservation Board Project Expenditure Schedule

# **Outlet Canal Automation Project Phase II**

North Sterling Irrigation District P. O. Box 103 Sterling, CO 80751-0103 c/o James T. Yahn

Ph. (970) 522-2025 Fax (970) 522-2025 jim@northsterling.org

Original Amended Final Loan Contract No.: CT2021-3658 Authorization: \$395,920.00 Contract Amount \$392,000.00 Loan Service Fee % 1.00% Loan Service Fee \$3,920.00 **Total Loan Amount** \$395,920.00 0.09% Interest: Term (Years): 20 Conditions: Up to 100% IDC Calculation Date: Х

Substantial Completion Date	Open			Contract Expires:	3/5/2026
	Amount	Cumulative Loan	Balance		

Pay Req. No.	Date	Description	Amount Disbursed	C	umulative Loan Balance	A	Balance Available to Loan	Interest	Accrued Interest
						\$	392,000.00		
1	3/22/2021	Materials and Labor	\$ 332,679.20	\$	332,679.20	\$	59,320.80	-	-
2	4/27/2021	Materials and Labor	\$ 53,293.34	\$	385,972.54	\$	6,027.46	-	-
3	6/7/2021	Materials and Labor	\$ 6,027.46	\$	392,000.00	(\$	0.00)	-	-

Days

See English Days

See English Days

98% 100%

EN. 9

North Sterling Irrigation District\_IDC\_CT2021-3658

# The North Sterling Irrigation District

112 North 8th Avenue - P.O. Box 103 - Phone (970) 522-2025 STERLING, COLORADO 80751-0103

BOARD OF DIRECTORS DAVID HERNANDEZ, President DAVID BREIDENBACH, Vice-President JAMES ARANCI, Director JAMES T. YAHN, P.E. Manager

Date: 06/07/2021

Cole Bedford, PE Colorado Water Conservation Board 1313 Sherman Street, Room 718 Denver, CO 80203 cole.bedford@state.co.us

Re: Outlet Canal Automation Project Phase II – Pay Request No. 3 (Final Request) CWCB Loan Contract Number CT2021-3658

Dear Mr. Bedford:

Enclosed is Pay Request 3 for the costs associated with North Sterling Irrigation District's Outlet Canal Automation Project Phase II Project. The following is a summary of all current project charges.

Current Project Charges	\$ 6,027.46		
Previous Project Charges	\$ 385,972.54		
TOTAL	\$ 392,000.00		
LOAN CT2021-3658 (100%)			
CWCB Eligible Payment	\$ 392,000.00		
Previous CWCB Payments	\$ 385,972.54		
AMOUNT OF THIS REQUEST	\$ 6,027.46		

We request payment for the amount indicated above. We have included the invoices related to the requested payment amount identified above. While the invoices are greater than the request, the District, as contemplated in the original loan request, is self-funding any overage. If you have any questions, please call us at (970)522-2025.

OK TO PAY: \$6,027.46 CONTRACT: CT2021-3658

# **APPROVED**

By Cole Bedford at 11:06 am, Jun 08, 2021

Certificate of Insurance Expiration Date CONSTRUCTION CONTRACTOR – 11/15/2021

# **APPROVED**

By Kirk Russell at 7:51 am, Jun 09, 2021

Sincerely,

Manager, NSID

# PROGRESS REPORT PAY REQUEST No. 3 (Final)

Project Cost expended during this Pay Request is summarized below:

INVOICE #	DATE OF INV.	INVOICE DESCRIPTION	AMOUNT
210179		Parts & Supplies, Travel &	
		Expense, Shop Labor,	
		Design, Technical,	
		Engineering, Programming,	
	4/25/2021	Field Personnel - Installation	\$ 44,387.89
	\$	4	
			•
	CU	RRENT PROJECT CHARGES	\$ 44,387.89

# Project Update:

As of the end of May all gates are up and running. NSID management and ditch riders have made a punch list of small items to be finalized (i.e. setting stage and limits at certain gates to ensure smooth operation). Remote communication connections have been made with all headgates. NSID employees working with Hydrologik representatives to finalize notification to NSID employees and farmers at each headgate. Meeting being set to go through more in-depth operation protocol. Gates operating well during first run of water.





10790 W. 50th Avenue UNIT 700 Wheat Ridge, Colorado 80033 U.S.A

## INVOICE

Bill To

**North Sterling Irrigation District** 

112 North 8th Avenue Sterling 80751 CO

USA

USA

Ship To Jim Yahn 112 North 8th Avenue Sterling 80751 CO Invoice# INV-210179
Invoice Date 25 Apr 2021
Terms Due on Receipt

**Reference** Gate Automation Project

#	Item	Description	Qty	Rate	Amount
1	Installation Parts & Supplies SKU : Installation Parts & Supplies	oplies - Materials, Hardware, Supplies J: Installation Parts & - Itemized in Master Spreadsheet		1,829.20	1,829.20
2	T&E Reimbursement SKU: T&E Reimbursement	Reimbursable Travel & Expenses @ Cost + 10% 13 person days lodging & meals Itemized receipts available on request	1.00 EA	2,208.69	2,208.69
3	Labor - Shop Services SKU : Labor - Shop Services	Labor - Shop Services - Assembly, Integration, Configuration, Testing	30.00 HR	95.00	2,850.00
4	Labor - Professional Services SKU : Labor - Professional Services	Labor - Professional Services - Design, Engineering, Technical Analytics, Programming, Technical Documentation, Integration, Configuration, Testing, Diagnostics - Much of this work is getting the host site built and configured.	30.00 EA	150.00	4,500.00
5	Labor - Field Services SKU : Labor - Field Services	Engineer/Technician with stocked service vehicle Person Days @ 10 hr./day	22.00 HR	1,500.00	33,000.00

Thank you for your business.

This invoice covers work performed and materials and supplies purchased through March 9, 2021.

At this stage, except for materials like mast pipes, some electrical fittings per mast, and a few miscellaneous parts, all the equipment and most of the parts have been invoiced and paid for. The remaining invoices should me mostly labor, T&E, and a few supplies. We are still well on track to keep the entire project under \$500K.

Sub Total	44,387.89
Total	\$44,387.89
Balance Due	\$44,387.89