

SECTION 00806

BALANCING CHANGE ORDER

No. 1

DATE OF ISSUANCE June 25, 2019 EFFECTIVE DATE Date of Owner's
Signature _____

Owner: St. Charles Parish
Contractor: BLD Services, LLC
Contract: St. Rose Sewer Network Upgrade
Project: St. Rose Sewer Network Upgrade
Owner's Contract No.: S150301A Engineer's Contract No.: 1412
ENGINEER: Environmental Engineering Services, Inc.

You are directed to make the following changes in the Contract Documents:

Description: *Replace 10" Suction Lines at 4th Street Lift Station, Install 12" Penetration into Existing WW Rue Landry; Replace WW piping, base elbows, guide rails, and brackets; Install Inserta Valve on AC water line Rue Landry.*

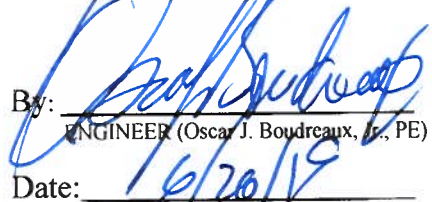
Reason for Change Order: *After exposing pipe, excessive corrosion was found, and a leak would cause the pump station to cease function. Location of waterline was too close to excavation; existing base elbow and piping was corroded.*

Attachments: *See Contractor's Summary Sheet.*

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>949,825.00</u>
Net Increase (Decrease) from previous Change Orders No. <u>0</u> to <u>0</u> : \$ <u>0.00</u>
Contract Price prior to this Change Order: \$ <u>949,825.00</u>
Net Increase of this Change Order: \$ <u>36,683.96</u>
Contract Price with all approved Change Orders: \$ <u>986,508.96</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>315 days</u> Ready for final payment: <u>September 2, 2019</u> (days or dates)
Net change from previous Change Orders No. <u>0</u> to <u>0</u> : Substantial Completion: <u>315 days</u> Ready for final payment: <u>315 days</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>315 days</u> Ready for final payment: <u>315 days</u> (days or dates)
Net decrease this Change Order: Substantial Completion: <u>140 days</u> Ready for final payment: <u>140 days</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>175 days</u> Ready for final payment: <u>April 15, 2019</u> (days or dates)

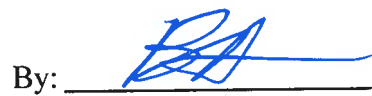
RECOMMENDED:

By: 
ENGINEER (Oscar J. Boudreaux, Jr., PE)
Date: 6/20/19

APPROVED:

By: _____
OWNER (St. Charles Parish)
Date: _____

ACCEPTED:

By: 
CONTRACTOR (BLD Services)
Date: 6/27/19

BALANCING CHANGE ORDER SUMMARY

St. Rose Sewer Network Upgrade

EES Project No. 1412

BLD SERVICES, LLC

Item #	Item Description	Qty.	Original Bid		Additions		Deducts		Actual	
			Unit Price	Total	Qty.	Cost	Qty.	Cost	Qty.	Cost
1A	16" PVC DR 18 Pipe	355	\$120.00	\$42,600.00	0	\$0	0	\$0.00	355	\$42,600.00
1C	10" PVC DR 18 Pipe	410	\$85.00	\$34,850.00	0	\$0	10	\$850.00	400	\$34,000.00
1D	8" PVC DR 25 Pipe	495	\$85.00	\$42,075.00	0	\$0	15	\$1,275.00	480	\$40,800.00
1E	6" PVC DR 25 Pipe	1,250	\$50.00	\$62,500.00	0	\$0	10	\$500.00	1240	\$62,000.00
1F	6" DI CL 52 Pipe	60	\$100.00	\$6,000.00	0	\$0	31	\$3,100.00	29	\$2,900.00
1H	8" HDPE DR 11 Pipe	50	\$20.00	\$1,000.00	0	\$0	50	\$1,000.00	0	\$0.00
5A	2" Air Release Valve, Complete Assembly	3	\$4,500.00	\$13,500.00	0	\$0	1	\$4,500.00	2	\$9,000.00
5B	1" Air Release Valve, Complete Assembly	1	\$2,000.00	\$2,000.00	0	\$0	1	\$2,000.00	0	\$0.00
8A	Connection to Existing 8" Force Main	1	\$5,000.00	\$5,000.00	0	\$0	0	\$0.00	1	\$5,000.00
8B	Connection to Existing 10" Force Main	1	\$5,500.00	\$5,500.00	0	\$0	0	\$0.00	1	\$5,500.00
8C	Connection to Existing 12" Force Main	1	\$6,500.00	\$6,500.00	0	\$0	0	\$0.00	1	\$6,500.00
9	Plug Existing 12" Force Main	1	\$2,000.00	\$2,000.00	0	\$0	0	\$0.00	1	\$2,000.00
11B	8" HDPE Dr 11 Directional Drill	50	\$65.00	\$3,250.00	0	\$0	50	\$3,250.00	0	\$0.00
12	Ductile Iron Fittings	4	\$50.00	\$200.00	0	\$0	4	\$200.00	0	\$0.00
15	8" Tie-in to Existing Manhole	1	\$2,000.00	\$2,000.00	0	\$0	0	\$0.00	1	\$2,000.00
16A	6" Tie-in to Existing Wet Well	1	\$4,000.00	\$4,000.00	0	\$0	0	\$0.00	1	\$4,000.00
24	Remove & Replace Concrete Driveway	65	\$10.00	\$650.00	0	\$0	0	\$0.00	65	\$650.00
32A	Rue Landry Pump Station, Complete	1	\$335,000.00	\$335,000.00	0	\$0	0	\$0.00	1	\$335,000.00
32B	Bar None Pump Station, Complete	1	\$70,000.00	\$70,000.00	0	\$0	0	\$0.00	1	\$70,000.00
32C	Fourth Street Pump Station, Complete	1	\$310,000.00	\$310,000.00	0	\$0	0	\$0.00	1	\$310,000.00
38A	12" PVC XPE Transition (Harvey Adapter)	2	\$350.00	\$700.00	0	\$0	0	\$0.00	2	\$700.00
38B	8" PVC XPE Transition (Harvey Adapter)	2	\$250.00	\$500.00	0	\$0	0	\$0.00	2	\$500.00
CO1-1	Replace 10" Suction Lines 4th Street Lift Station	1	\$22,127.68	\$22,127.68	1	\$22,127.68	0	\$0.00	1	\$22,127.68
CO1-2	New Tie-In for Future Force Main	1	\$3,361.42	\$3,361.42	1	\$3,361.42	0	\$0.00	1	\$3,361.42
CO1-3	Replace Pump Wetwell piping, bases, elbows, guide rails, brackets	1	\$19,078.24	\$19,078.24	1	\$19,078.24	0	\$0.00	1	\$19,078.24
CO1-4	Install Inserta-Valve on oversized 12" AC waterline	1	\$8,791.62	\$8,791.62	1	\$8,791.62	0	\$0.00	1	\$8,791.62
TOTAL				\$949,825.00	\$53,358.96	\$16,675.00	\$986,508.96			

CHANGE ORDER

INSTRUCTIONS

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both. **A draft copy of the change order shall be reviewed by the Owner before final copies are circulated for signatures.**

Once Engineer has completed and signed **(6) SIX ORIGINAL COPIES** of the change order, the (6) six copies should be sent to Contractor for approval and signatures. After Contractor approval, all (6) six copies should be sent to the Owner for introduction and council vote. Once the change order has been approved by the St. Charles Parish Council, executed copies of the changer order will be distributed to the Engineer and Contractor.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.



June 25, 2019

Environmental Engineering Services, Inc.
610 Belle Terre Blvd
Laplace, LA 70068
Attn; Oscar Boudreaux, P.E.

RE: **Final Change Order** – St. Rose Sewer Network Upgrade
SCP Project No.: S150301A

Mr. Boudreaux,

As requested, modifications made to the project resulted in cost changes.
See below recap of the change orders that were submitted separately.

Change Order No. 1: Replace 10" Suction Lines at 4th Street	\$ 22,127.68
Change Order No. 2: Install 12" Penetration into Existing WW Rue Landy	\$ 3,361.42
Change Order No. 3: Replace WW Piping, Base Elbows, Guide Rails & Brackets	\$ 19,078.24
Change Order No. 4: Install Inserta Valve on AC Water Line Rue Landry	\$ 8,791.62
TOTAL CHANGE ORDER COSTS	\$ 53,358.96

If you have any questions or require additional information regarding this matter
feel free to contact me.

Respectfully,

A handwritten signature in blue ink, appearing to read 'Brent Albert', is written over a horizontal line.

Brent Albert
Project Manager
BLD Services, LLC
504-259-4831 (C)
504-602-1071 (O)
504-461-5971 (F)



St. Charles Parish Government

St. Rose Sewer Network Upgrade

Environmental Engineering Services, Inc.

Change Order #1 Breakdown: Replace 10" Suction Lines at 4th Street Lift Station

Labor

Description

Craft	Number	Rate	Fringes	Hours	Labor Cost	Fringe Cost	Total Cost
Superintendent	1	\$ 38.00	\$ 13.30	35	\$ 1,330.00	\$ 465.50	\$ 1,795.50
Foreman	1	\$ 32.00	\$ 11.20	35	\$ 1,120.00	\$ 392.00	\$ 1,512.00
Operator	1	\$ 24.25	\$ 8.49	35	\$ 848.75	\$ 297.06	\$ 1,145.81
Laborer	3	\$ 19.50	\$ 6.83	35	\$ 2,047.50	\$ 716.63	\$ 2,764.13
					\$ 5,346.25	\$ 1,871.19	\$ 7,217.44

Equipment

Description

Equipment	Number	Rate	Hours	Equipment Cost	Total Cost
78 Komatsu	1	\$ 35.20	35	\$ 1,232.00	\$ 1,232.00
Foreman Pickup Truck	1	\$ 16.25	35	\$ 568.75	\$ 568.75
Crew Truck W/Trailer	1	\$ 12.00	35	\$ 420.00	\$ 420.00
				\$ 2,220.75	\$ 2,220.75

Material

Description

Material	Quantity	Amount	Sub-Total	Taxes	Total Cost
16"x10" Flange Reducer	2	\$ 1,150.00	\$ 2,300.00	\$ 217.35	\$ 2,517.35
10" SS Flange Set	4	\$ 240.00	\$ 960.00	\$ 90.72	\$ 1,050.72
SS Link Seal	50	\$ 19.85	\$ 992.50	\$ 93.79	\$ 1,086.29
10" x 19'3" FxF Spool Piece	2	\$ 1,485.00	\$ 2,970.00	\$ 280.67	\$ 3,250.67
			\$ -	\$ -	\$ -
					\$ 7,905.03



St. Charles Parish Government
 Environmental Engineering Services, Inc.
 St. Rose Sewer Network Upgrade
 Change Order #002 Recap - Install 12" Line into Existing Wet Well (Rue Landry)

Labor	Description	Qty.	Unit	Percent	Cost	Total
	BLD Labor	1	LS		\$ 652.05	\$ 652.05
						\$ -
						\$ 652.05
						\$ 97.81
						\$ 749.86

Sub-Total Labor Cost
 15% Profit/Markup
 Total Labor Cost

Equipment	Description	Qty.	Unit	Percent	Cost	Total
	BLD Equipment	1	LS		\$ 253.80	\$ 253.80
						\$ -
						\$ 253.80
						\$ 38.07
						\$ 291.87

Sub-Total Equipment Cost
 15% Profit/Markup
 Total Equipment Cost

Subcontractor	Description	Qty.	Unit	Percent	Cost	Total
Fiberglass	Fiberglass 16" Penetration	3	HRS		\$ 200.00	\$ 600.00
					\$ -	\$ -
						\$ -
						\$ 600.00
						\$ 90.00
						\$ 690.00

Sub-Total Subcontractor Cost
 15% Profit/Markup
 Total Subcontractor Cost

Materials	Description	Qty.	Unit	Percent	Cost	Total
Choice Supply	16" C-900 DR-18	1	LS		\$ 663.70	\$ 663.70
Choice Supply	12" C-900 DR-18	1	LS		\$ 353.52	\$ 353.52
Choice Supply	Link Seals	1	LS		\$ 260.71	\$ 260.71
					\$ -	\$ -
						\$ -
						\$ 1,277.94
						\$ 191.69
						\$ 1,469.63

Sub-Total Material Cost
 15% Profit/Markup
 Total Materials Cost

Subtotal Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 652.05
	Equipment					\$ 253.80
	Subcontractor					\$ 600.00
	Materials					\$ 1,277.94
						\$ 2,783.79

Subtotal Summary of Costs

Subtotal Profit/Markup Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 97.81
	Equipment					\$ 38.07
	Subcontractor					\$ 90.00
	Materials					\$ 191.69
						\$ 417.57

Subtotal Summary Profit/Markup

Total Summary	Description	Qty.	Unit	Percent	Cost	Total
						\$ 3,201.36

Office Overhead	Description	Qty.	Unit	Percent	Cost	Total
	Office Overhead			3.00%	\$ 3,201.36	\$ 96.04
Bond	Description	Qty.	Unit	Percent	Cost	Total
	Bond			2.00%	\$ 3,201.36	\$ 64.03
						\$ 3,361.42

Summary Total Change Order #2: \$ 3,361.42



St. Charles Parish Government

St. Rose Sewer Network Upgrade

Environmental Engineering Services, Inc.

Change Order #2 Breakdown: Install 12" Line into Existing Wet Well (Rue Landry)

Labor

Description

Craft	Number	Rate	Fringes	Hours	Labor Cost	Fringe Cost	Total Cost
Superintendent	1	\$ 38.00	\$ 13.30	4	\$ 152.00	\$ 53.20	\$ 205.20
Foreman	0	\$ 32.00	\$ 11.20	0	\$ -	\$ -	\$ -
Operator	1	\$ 24.25	\$ 8.49	4	\$ 97.00	\$ 33.95	\$ 130.95
Laborer	3	\$ 19.50	\$ 6.83	4	\$ 234.00	\$ 81.90	\$ 315.90
					\$ 483.00	\$ 169.05	\$ 652.05

Equipment

Description

Equipment	Number	Rate		Hours	Equipment Cost		Total Cost
78 Komatsu	1	\$ 35.20		4	\$ 140.80		\$ 140.80
Foreman Pickup Truck	1	\$ 16.25		4	\$ 65.00		\$ 65.00
Crew Truck W/Trailer	1	\$ 12.00		4	\$ 48.00		\$ 48.00
					\$ 253.80		\$ 253.80

Material

Description

Material	Quantity	Amount			Sub-Total	Taxes	Total Cost
Choice - 16" C-900 DR-18	20	\$ 30.32			\$ 606.40	\$ 57.30	\$ 663.70
Choice - 12" C-900 DR-18	20	\$ 16.15			\$ 323.00	\$ 30.52	\$ 353.52
Choice - Link Seals	12	\$ 19.85			\$ 238.20	\$ 22.51	\$ 260.71
		\$ -			\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -
							\$ 1,277.94



St. Charles Parish Government
 Environmental Engineering Services, Inc.
 St. Rose Sewer Network Upgrade
 Change Order #003 Recap - Replace Wet Well Piping, Base Elbows, Guide Rails and Brackets (Bar None)

Labor	Description	Qty.	Unit	Percent	Cost	Total
	BLD Labor	1	LS		\$ 3,417.19	\$ 3,417.19
						\$ -
						\$ 3,417.19
						\$ 512.58
						\$ 3,929.77

Sub-Total Labor Cost
 15% Profit/Markup
Total Labor Cost

Equipment	Description	Qty.	Unit	Percent	Cost	Total
	BLD Equipment	1	LS		\$ 1,961.25	\$ 1,961.25
						\$ -
						\$ 1,961.25
						\$ 294.19
						\$ 2,255.44

Sub-Total Equipment Cost
 15% Profit/Markup
Total Equipment Cost

Subcontractor	Description	Qty.	Unit	Percent	Cost	Total
Fiberglass	Fiberglass	1	LS		\$ 1,000.00	\$ 1,000.00
					\$ -	\$ -
						\$ -
						\$ 1,000.00
						\$ 150.00
						\$ 1,150.00

Sub-Total Subcontractor Cost
 15% Profit/Markup
Total Subcontractor Cost

Materials	Description	Qty.	Unit	Percent	Cost	Total
Fluid Process	Base elbows, guide rails and brackets	1	LS		\$ 5,264.55	\$ 5,264.55
Choice Supply	6" Piping	1	LS		\$ 4,156.80	\$ 4,156.80
						\$ -
						\$ 9,421.35
						\$ 1,413.20
						\$ 10,834.55

Sub-Total Material Cost
 15% Profit/Markup
Total Materials Cost

Subtotal Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 3,417.19
	Equipment					\$ 1,961.25
	Subcontractor					\$ 1,000.00
	Materials					\$ 9,421.35
						\$ 15,799.78

Subtotal Summary of Costs

Subtotal Profit/Markup Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 512.58
	Equipment					\$ 294.19
	Subcontractor					\$ 150.00
	Materials					\$ 1,413.20
						\$ 2,369.97

Subtotal Summary Profit/Markup

Total Summary						\$ 18,169.75
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Office Overhead	Description	Qty.	Unit	Percent	Cost	Total
	Office Overhead			3.00%	\$ 18,169.75	\$ 545.09

Bond	Description	Qty.	Unit	Percent	Cost	Total
	Bond			2.00%	\$ 18,169.75	\$ 363.40
						\$ 19,078.24

Summary Total Change Order #3: \$ 19,078.24



St. Charles Parish Government

St. Rose Sewer Network Upgrade

Environmental Engineering Services, Inc.

Change Order #3 Breakdown: Replace Wet Well Piping, Base Elbows, Guide Rails and Brackets (Bar None)

Labor

Description

Craft	Number	Rate	Fringes	Hours	Labor Cost	Fringe Cost	Total Cost
Superintendent	1	\$ 38.00	\$ 13.30	25	\$ 950.00	\$ 332.50	\$ 1,282.50
Foreman	0	\$ 32.00	\$ 11.20	0	\$ -	\$ -	\$ -
Operator	1	\$ 24.25	\$ 8.49	25	\$ 606.25	\$ 212.19	\$ 818.44
Laborer	2	\$ 19.50	\$ 6.83	25	\$ 975.00	\$ 341.25	\$ 1,316.25
					\$ 2,531.25	\$ 885.94	\$ 3,417.19

Equipment

Description

Equipment	Number	Rate		Hours	Equipment Cost		Total Cost
78 Komatsu	1	\$ 35.20		25	\$ 880.00		\$ 880.00
Foreman Pickup Truck	1	\$ 16.25		25	\$ 406.25		\$ 406.25
Crew Truck W/Trailer	1	\$ 12.00		25	\$ 300.00		\$ 300.00
Dump Truck	1	\$ 65.00		0	\$ -		\$ -
Bypass Pump	1	\$ 15.00		25	\$ 375.00		\$ 375.00
					\$ 1,961.25		\$ 1,961.25

Material

Description

Material	Quantity	Amount			Sub-Total	Taxes	Total Cost
Fluid Process	1	\$ 4,810.00			\$ 4,810.00	\$ 454.55	\$ 5,264.55
Choice Supply	1	\$ 3,797.90			\$ 3,797.90	\$ 358.90	\$ 4,156.80
							\$ 9,421.35



St. Charles Parish Government
 Environmental Engineering Services, Inc.
 St. Rose Sewer Network Upgrade
 Change Order #004 Recap - Install Inserta-Valve on Oversized 12" AC Waterline

Labor	Description	Qty.	Unit	Percent	Cost	Total
	BLD Labor	1	LS		\$ 1,304.10	\$ 1,304.10
						\$ -
						\$ 1,304.10
						\$ 195.62
						\$ 1,499.72

Sub-Total Labor Cost
 15% Profit/Markup
Total Labor Cost

Equipment	Description	Qty.	Unit	Percent	Cost	Total
	BLD Equipment	1	LS		\$ 507.60	\$ 507.60
						\$ -
						\$ 507.60
						\$ 76.14
						\$ 583.74

Sub-Total Equipment Cost
 15% Profit/Markup
Total Equipment Cost

Subcontractor	Description	Qty.	Unit	Percent	Cost	Total
Level A Services	Install Hydra-Stop Insta-Valve on AC Water Line	1	LS		\$ 12,750.00	\$ 12,750.00
					\$ -	\$ -
						\$ -
						\$ 12,750.00
						\$ 1,912.50
						\$ 14,662.50

Sub-Total Subcontractor Cost
 15% Profit/Markup
Total Subcontractor Cost

Materials	Description	Qty.	Unit	Percent	Cost	Total
					\$ -	\$ -
					\$ -	\$ -
						\$ -
						\$ -
						\$ -
						\$ -

Sub-Total Material Cost
 15% Profit/Markup
Total Materials Cost

Subtotal Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 1,304.10
	Equipment					\$ 507.60
	Subcontractor					\$ 12,750.00
	Materials					\$ -
						\$ 14,561.70

Subtotal Summary of Costs

Subtotal Profit/Markup Summary	Description	Qty.	Unit	Percent	Cost	Total
	Labor					\$ 195.62
	Equipment					\$ 76.14
	Subcontractor					\$ 1,912.50
	Materials					\$ -
						\$ 2,184.26

Subtotal Summary Profit/Markup

Total Summary						\$ 16,745.96
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Office Overhead	Description	Qty.	Unit	Percent	Cost	Total
	Office Overhead			3.00%	\$ 16,745.96	\$ 502.38

Bond	Description	Qty.	Unit	Percent	Cost	Total
	Bond			2.00%	\$ 16,745.96	\$ 334.92
						\$ 17,583.25

Summary Total Change Order #4: \$ 17,583.25



St. Charles Parish Government

St. Rose Sewer Network Upgrade

Environmental Engineering Services, Inc.

Change Order #4 Breakdown: Install Inserta-Valve on Oversized 12" AC Waterline

Labor

Description

Craft	Number	Rate	Fringes	Hours	Labor Cost	Fringe Cost	Total Cost
Superintendent	1	\$ 38.00	\$ 13.30	8	\$ 304.00	\$ 106.40	\$ 410.40
Foreman	0	\$ 32.00	\$ 11.20	0	\$ -	\$ -	\$ -
Operator	1	\$ 24.25	\$ 8.49	8	\$ 194.00	\$ 67.90	\$ 261.90
Laborer	3	\$ 19.50	\$ 6.83	8	\$ 468.00	\$ 163.80	\$ 631.80
					\$ 966.00	\$ 338.10	\$ 1,304.10

Equipment

Description

Equipment	Number	Rate		Hours	Equipment Cost		Total Cost
78 Komatsu	1	\$ 35.20		8	\$ 281.60		\$ 281.60
Foreman Pickup Truck	1	\$ 16.25		8	\$ 130.00		\$ 130.00
Crew Truck W/Trailer	1	\$ 12.00		8	\$ 96.00		\$ 96.00
Dump Truck	1	\$ 65.00		0	\$ -		\$ -
					\$ -		\$ -
					\$ 507.60		\$ 507.60

Material

Description

Material	Quantity	Amount			Sub-Total	Taxes	Total Cost
					\$ -	\$ -	\$ -
					\$ -	\$ -	\$ -
							\$ -