

**Town of Sellersburg Town Council
WWTP Change Order/Site Improvements Workshop Meeting Minutes
August 10, 2023**

CALL TO ORDER

President Brad Amos called the meeting to order at 3:15 p.m.

ROLL CALL OF MEMBERS:

Present: President Brad Amos, Vice-President Scott McVoy, Second Vice President Terry Langford, Member Randy Mobley, Member Matt Czarnecki Town Attorney Jacob Elder, Town Manager Charlie Smith, Clerk Treasurer Michelle Miller, Wastewater Superintendent Lori Kearney, Town Council Executive Secretary Michelle Medcalf and Lori Wyatt and Jim Hagerty of Jacobi, Toombs & Lanz.

Absent:

Topic of Discussion:

Pace Change Order #6 in the amount of \$1,678,651.38

ADJOURNMENT:

Motion/Second to adjourn: Langford/Mobley
Time adjourned: 4:21 p.m.

Vote: 5-aye, 0-nay, motion approved.

Minutes approved this 14th day of August, 2023

Brad J. Amos, Council Member

Matt Czarnecki, Council Member

Scott McVoy, Council Member

Terry Langford, Council Member

Randall Mobley, Council Member

Attest: Michelle D. Miller, Clerk Treasurer



Date: 8/9/2023

Change Order #6 Summary DRAFT

Field Changes

Number	Description	Credit	Add	Notes
32	Plumbing Changes		\$10,889.65	
35	Booster Pumps for Headworks		\$62,091.43	
45	Relocate HVAC Units Away from Buildings		\$1,375.51	
51	Modify Existing Plant Drain Pump Station		\$32,021.69	
58	CREDIT Front Card Reader	\$4,500.00	\$0.00	
61	Electrical Changes for Ox Ditch Heaters & H2 Panel		\$14,097.32	
63	Electrical Revisions for Dewatering Building		\$12,608.65	
66	Temporary Diffusers for UV Channels		\$9,640.45	
68	Admin Building Plumbing Flushing		\$3,978.90	
69	Admin Building Roof Repairs		\$3,665.29	
72	Asphalt Redesign		\$232,733.61	
73	Ox Ditch 1 & 2 PRV Replacement		\$28,272.30	
74	Site Lighting and Admin Bldg Electrical Changes		\$48,568.10	
75	Credit for Sludge Removal (25 loads)@\$628	\$15,700.00	\$0.00	

Sub Total \$20,200.00 \$459,942.90

Total \$439,742.90

Percent of Original Contract Value 2.25%

Owner Requested Modifications

Number	Description	Credit	Add	Notes
40	Maintain Sludge Dewatering Bags		\$111,734.58	
48	Replace Storm Sewer by Drying Beds		\$25,055.63	
54	Plaque and Monument Vendor Change		\$4,919.00	
59	Added Fittings for Digester Lines		\$14,321.30	
60	Electrical for Cameras & Added Cameras		\$12,194.87	
62	Added Doors for Admin Building		\$7,851.74	
64	Additional Site Prep - Concrete Pad		\$113,775.64	Plug
65	RAS Line Modifications		\$76,134.41	
67	Added Platform for Grit System Maintenance		\$31,867.67	
70	Vac Truck		\$637,120.63	
71	Service Truck		\$203,933.01	

Sub Total \$0.00 \$1,238,908.48

Total \$1,238,908.48

Percent of Original Contract Value 6.33%



15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #032

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Various Plumbing Changes per Comments Below	\$ 10,889.65	0

Change order costs summarized on attachment 5505-32

Total Change Order Request: \$ 10,889.65

Change in Contract Calendar Days: 0 Days

Comments:

Several modifications to the plumbing arrangement were required due to field fit of equipment. In order to offset these costs the header pipes in the buildings were changed from copper to pressure rated PVC piping. Costs summarized herein.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Printed Name: Alex Oxencis

Date: 7/31/2023

Signature

Printed Name: _____

Date: _____



15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #035

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Booster Pumps for Headworks NPW Feed	\$ 62,091.43	0

Change order costs summarized on attachment 5505-35

Total Change Order Request: \$ 62,091.43

Change in Contract Calendar Days: 0 Days

Comments:

Pressure testing revealed that the city main water feed to the new headworks building had insufficient pressure to properly operate the new equipment. Booster pumps were added to the system

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Printed Name: Alex Oxencis

Date: 7/31/2023

Signature

Printed Name: _____

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Booster Pump for Headworks

Request # 5505-35

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Concrete for Pad	3	CY	\$ 150.00	\$ 450.00
Formwork	1	LS	\$ 300.00	\$ 300.00
Small Tools & Supplies	1	LS	\$ 100.00	\$ 100.00
				\$ -
				\$ -
				\$ -
				\$ -
		Tax	0.00%	\$ -
MATERIAL TOTAL				\$ 850.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman (Includes 3 days supervision of Sub's)	32	MH	\$ 75.00	\$ 2,400.00
Laborer	16	MH	\$ 65.00	\$ 1,040.00
Project Manager	8	MH	\$ 85.00	\$ 680.00
				\$ -
				\$ -
				\$ -
				\$ -
LABOR TOTAL				\$ 4,120.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Scissor Lift	2	day	\$ 150.00	\$ 300.00
Concrete Georgia Buggy	1	Day	\$ 250.00	\$ 250.00
Foreman Truck	32	Hr	\$ 24.00	\$ 768.00
				\$ -
				\$ -
EQUIPMENT TOTAL				\$ 1,318.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
TEM - Electrical Feed	1	LS	\$ 12,425.35	\$ 12,425.35
IPS - Add Booster Pumps to the System	1	LS	\$ 39,237.00	\$ 39,237.00
				\$ -
SUBCONTRACTS TOTAL				\$ 51,662.35

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 850.00
LABOR	\$ 4,120.00
EQUIPMENT	\$ 1,318.00
SUBCONTRACTORS	\$ 51,662.35
DIRECT COST SUBTOTAL	\$ 57,950.35

OVERHEAD & FEES	\$ 3,526.32
SUBTOTAL 1	\$ 61,476.67

Bond Fee (1%)	\$ 614.77
SUBTOTAL 1	\$ 62,091.43

TOTAL	\$ 62,091.43
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15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #040

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Maintain Sludge Dewatering Bags	\$ 111,734.58	0

Change order costs summarized on attachment 5505-40

Total Change Order Request: \$ 111,734.58

Change in Contract Calendar Days: 0 Days

Comments:

In the transition period between taking the old sludge belt press out of service and commissioning of the new screw presses, it was determined that it would be most efficient for Pace to bring in dewatering bags and waste sludge for the plant in the interim period. Pace provided employees daily to operate the unit, install, maintain, remove sludge from bags. Also, a pipe failed in the beds during this time that Pace dug up and repaired.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Maintain Sludge Dewatering Bags

Request # 5505-40

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Dewatering Bags	4	EA	\$ 2,150.00	\$ 8,600.00
Drainage Netting	3	EA	\$ 420.00	\$ 1,260.00
55 Gallon Drum Polymer	3	EA	\$ 1,300.00	\$ 3,900.00
Polymer System Rent 12/5/22-2/8/23	79	Days	\$ 150.00	\$ 11,850.00
Setup, Training, Fittings	1	LS	\$ 3,000.00	\$ 3,000.00
Small Tools, Fittings, Hoses, heaters, etc	1	LS	\$ 2,000.00	\$ 2,000.00
Aggregate for Temp Belt Filter Press (2 Areas)	10	Load	\$ 425.00	\$ 4,250.00
				\$ -
			Tax 7.00%	\$ 602.00
MATERIAL TOTAL				\$ 35,462.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman	160	MH	\$ 75.00	\$ 12,000.00
Operator (sludge haul off) (3 Days per Bag)	96	MH	\$ 75.00	\$ 7,200.00
Operator Prep Beds / Clean out and replace twice	40	MH	\$ 75.00	\$ 3,000.00
Laborer	360	MH	\$ 65.00	\$ 23,400.00
Project Manager	24	MH	\$ 85.00	\$ 2,040.00
Fix Failed Stand Pipe in Bed #4	32	MH	\$ 70.00	\$ 2,240.00
				\$ -
LABOR TOTAL				\$ 49,880.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Forklift	6	Day	\$ 300.00	\$ 1,800.00
Skidsteer	15	Day	\$ 200.00	\$ 3,000.00
Trackhoe	8	Day	\$ 400.00	\$ 3,200.00
Haul Filter Press Rock to Dump	8	Load	\$ 250.00	\$ 2,000.00
Roller	2	Day	\$ 200.00	\$ 400.00
EQUIPMENT TOTAL				\$ 10,400.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Electrical Sub (Hook up generators, belt press, etc)	1	LS	\$ 500.00	\$ 500.00
				\$ -
				\$ -
SUBCONTRACTS TOTAL				\$ 500.00

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 35,462.00
LABOR	\$ 49,880.00
EQUIPMENT	\$ 10,400.00
SUBCONTRACTORS	\$ 500.00
DIRECT COST SUBTOTAL	\$ 96,242.00
OVERHEAD & FEES	\$ 14,386.30
SUBTOTAL 1	\$ 110,628.30
Bond Fee (1%)	\$ 1,106.28
SUBTOTAL 1	\$ 111,734.58
TOTAL	\$ 111,734.58



15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #045

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Relocate HVAC Units Away From Building Edges	\$ 1,375.51	0

Change order costs summarized on attachment 5505-45

Total Change Order Request: \$ 1,375.51

Change in Contract Calendar Days: 0 Days

Comments:

Design drawings show outdoor HVAC units approximately 2' from the building edges which interfere with the sidewalk plan. This change order captures the cost to run the power and HVAC piping underground to approximately 5' from building edges to allow for sidewalk to be installed per design.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #048

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Replace Storm Sewer by Existing Drying Beds	\$ 25,055.63	0

Change order costs summarized on attachment 5505-48

Total Change Order Request: \$ 25,055.63

Change in Contract Calendar Days: 0 Days

Comments:

Request was made to replace the existing storm drain system adjacent to the plants existing drying beds. Costs contained herein

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Replace Storm Sewer by Existing Drying Beds

Request # 5505-48

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
RCP Pipe	100	LF	\$ 22.00	\$ 2,200.00
Precast Catch Basin	1	EA	\$ 1,127.00	\$ 1,127.00
Traffic Rated Storm Grate and Frame - Domestic	1	EA	\$ 700.00	\$ 700.00
Aggregate Base and Backfill	110	Ton	\$ 15.00	\$ 1,650.00
Grout for Pipe Penetrations	1	LS	\$ 150.00	\$ 150.00
Small Tools & Supplies	1	LS	\$ 200.00	\$ 200.00
Grade Ring for Inlet	1	EA	\$ 250.00	\$ 250.00
Tax			0.00%	\$ -
MATERIAL TOTAL				\$ 6,277.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman	32	MH	\$ 75.00	\$ 2,400.00
Operator	32	MH	\$ 75.00	\$ 2,400.00
Laborer (2)	64	MH	\$ 65.00	\$ 4,160.00
				\$ -
				\$ -
				\$ -
LABOR TOTAL				\$ 8,960.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
PC138 Mini Excavator	3	Day	\$ 500.00	\$ 1,500.00
Kubota Skidsteer	3	Day	\$ 200.00	\$ 600.00
Roller/Compactor	1	Day	\$ 450.00	\$ 450.00
Truck Rental for Haul off	5	Load	\$ 200.00	\$ 1,000.00
				\$ -
EQUIPMENT TOTAL				\$ 3,550.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Core Drill for Catch Basin Penetration	1	EA	\$ 750.00	\$ 750.00
Added Cost for Full Depth Asphalt Repair	100	SY	\$ 23.00	\$ 2,300.00
				\$ -
SUBCONTRACTS TOTAL				\$ 3,050.00

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 6,277.00
LABOR	\$ 8,960.00
EQUIPMENT	\$ 3,550.00
SUBCONTRACTORS	\$ 3,050.00
DIRECT COST SUBTOTAL	\$ 21,837.00

OVERHEAD & FEES	\$ 2,970.55
SUBTOTAL 1	\$ 24,807.55

Bond Fee (1%)	\$ 248.08
SUBTOTAL 1	\$ 25,055.63

TOTAL	\$ 25,055.63
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15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #051

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Modify Existing Plant Drain Pump Station	\$ 33,021.69	0

Change order costs summarized on attachment 5505-51

Total Change Order Request: \$ 33,021.69

Change in Contract Calendar Days: 0 Days

Comments:

In order for the existing plant drain pump station to properly drain, a pump was determined to be needed. This change order captures the cost to modify the wet well, furnish and install a new pump, and run power and controls needed. This change order also captures the cost of running a new drain line for the plant effluent sampler

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Modify Existing Plant Drain Pump Station

Request # 5505-51

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
New Pump, Control Panel, Floats, ETC	1	EA	\$ 3,844.42	\$ 3,844.42
Plugs for Obsolete Piping Penetrations	3	EA	\$ 100.00	\$ 300.00
Anchors and Hardware	1	LS	\$ 100.00	\$ 100.00
PVC Piping and Fittings from Sampler to Plant Drain	100	LF	\$ 7.50	\$ 750.00
Pipe Bedding Material	15	Ton	\$ 15.00	\$ 225.00
				\$ -
				\$ -
		Tax	0.00%	\$ -
MATERIAL TOTAL				\$ 5,219.42

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman	48	MH	\$ 75.00	\$ 3,600.00
Operator	48	MH	\$ 75.00	\$ 3,600.00
Laborer (2)	96	MH	\$ 65.00	\$ 6,240.00
(2 Days for New Sample Line, 4 days to install new pump station and test)				\$ -
				\$ -
				\$ -
LABOR TOTAL				\$ 13,440.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
PC88 mini Excavator	2	day	\$ 350.00	\$ 700.00
				\$ -
				\$ -
				\$ -
EQUIPMENT TOTAL				\$ 700.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
TEM- Install Electrical (Conduit, Wire, Controls)	1	LS	\$ 9,934.68	\$ 9,934.68
				\$ -
SUBCONTRACTS TOTAL				\$ 9,934.68

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 5,219.42
LABOR	\$ 13,440.00
EQUIPMENT	\$ 700.00
SUBCONTRACTORS	\$ 9,934.68
DIRECT COST SUBTOTAL	\$ 29,294.10
OVERHEAD & FEES	\$ 3,400.65
SUBTOTAL 1	\$ 32,694.75
Bond Fee (1%)	\$ 326.95
SUBTOTAL 1	\$ 33,021.69
TOTAL	\$ 33,021.69



15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #054

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Plaque and Monument Sign Redesign	\$ 4,919.00	0

Change order costs summarized on attachment 5505-54

Total Change Order Request: \$ 4,919.00

Change in Contract Calendar Days: 0 Days

Comments:

Owner requested specific vendor for plaque and sign to have consistency throughout town signage. Added costs for changing vendors

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Printed Name: Alex Oxencis

Date: 7/31/2023

Signature

Printed Name: _____

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #059

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Digester Drain Line Modifications	\$ 14,321.30	0

Change order costs summarized on attachment 5505-59

Total Change Order Request: \$ 14,321.30

Change in Contract Calendar Days: 0 Days

Comments:

Owner made request to change design of the digester drain lines to allow reuse of their existing decant system as well as the new telescoping valves. Costs contained herein to keep existing piping intact and tie into that line with a new 8" drain line.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #060

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Site Security Upgrades	\$ 12,194.87	0

Change order costs summarized on attachment 5505-60

Total Change Order Request: \$ 12,194.87

Change in Contract Calendar Days: 0 Days

Comments:

Request made for upgrades to site security system

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #061

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Electrical Modifications for Ox Ditch Heaters & H2 Panel	\$ 14,097.32	0

Change order costs summarized on attachment 5505-61

Total Change Order Request: \$ 14,097.32

Change in Contract Calendar Days: 0 Days

Comments:

Oxidation Ditch Motors included gearbox heaters that we differing from original designs. Modifications needed made in order to accommodate. This change order also captures electrical changes to Admin building panels to allow for generator backup of admin building

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/7/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #062

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Added door, frame, hardware in administration building	\$ 7,851.74	0

Change order costs summarized on attachment 5505-62

Total Change Order Request: \$ 7,851.74

Change in Contract Calendar Days: 0 Days

Comments:

Request was made to add an additional door in the administration building. Costs contained herein

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/7/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #063

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Electrical Revisions to Dewatering Building	\$ 12,608.65	0

Change order costs summarized on attachment 5505-63

Total Change Order Request: \$ 12,608.65

Change in Contract Calendar Days: 0 Days

Comments:

Dewatering building equipment required that circuits, conduits, and conductors be modified to accommodate actual equipment voltages and heat trace receptacles for screw conveyor system. Also added circuits for added heat trace on conveyors

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #064

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Fueling Station	\$ 113,775.64	0

Change order costs summarized on attachment 5505-64

Total Change Order Request: \$ 113,775.64

Change in Contract Calendar Days: 0 Days

Comments:

Concrete Pad for Future Storage

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #065

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
RAS Line Modifications	\$ 76,134.41	0

Change order costs summarized on attachment 5505-65

Total Change Order Request: \$ 76,134.41

Change in Contract Calendar Days: 0 Days

Comments:

Request was made to modify the RAS line onsite in order to give the ability to rescreen the flows.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description RAS Line Modifications

Request # 5505-65

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Piping, Fittings, Restraints	1	LOT	\$ 28,000.00	\$ 28,000.00
Plug Valves 6" & 12"	1	LS	\$ 4,189.00	\$ 4,189.00
SS Pipe Supports	1	LS	\$ 3,750.00	\$ 3,750.00
Misc Handrail Pieces for Modifications	1	LS	\$ 1,000.00	\$ 1,000.00
Aggregate for Backfill	25	Ton	\$ 15.00	\$ 375.00
				\$ -
				\$ -
		Tax	0.00%	\$ -
MATERIAL TOTAL				\$ 37,314.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman	44	MH	\$ 75.00	\$ 3,300.00
Operator	36	MH	\$ 75.00	\$ 2,700.00
Laborer (2)	88	MH	\$ 65.00	\$ 5,720.00
Project Manager	16	MH	\$ 85.00	\$ 1,360.00
				\$ -
				\$ -
				\$ -
LABOR TOTAL				\$ 13,080.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
PC138 Mini Excavator	3	Day	\$ 500.00	\$ 1,500.00
6" Diesel Pump	3	Day	\$ 650.00	\$ 1,950.00
Compactor	1	Day	\$ 150.00	\$ 150.00
Truck Rental for Haul off	1	Load	\$ 250.00	\$ 250.00
Crane	1	Day	\$ 1,500.00	\$ 1,500.00
Trench Box/Plates	1	WK	\$ 2,500.00	\$ 2,500.00
EQUIPMENT TOTAL				\$ 7,850.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Cut and Reweld SS Headworks Line	1	LS	\$ 3,000.00	\$ 3,000.00
Paint Piping	1	LS	\$ 5,000.00	\$ 5,000.00
				\$ -
SUBCONTRACTS TOTAL				\$ 8,000.00

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 37,314.00
LABOR	\$ 13,080.00
EQUIPMENT	\$ 7,850.00
SUBCONTRACTORS	\$ 8,000.00
DIRECT COST SUBTOTAL	\$ 66,244.00
OVERHEAD & FEES	\$ 9,136.60
SUBTOTAL 1	\$ 75,380.60
Bond Fee (1%)	\$ 753.81
SUBTOTAL 1	\$ 76,134.41
TOTAL	\$ 76,134.41



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #066

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Temporary Diffusers for UV Channels	\$ 9,640.45	0

Change order costs summarized on attachment 5505-66

Total Change Order Request: \$ 9,640.45

Change in Contract Calendar Days: 0 Days

Comments:

In order to meet permit limits for dissolved oxygen at the plant effluent, a temporary diffuser system needed to be installed while the new reaeration structure was completed.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
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502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #067

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Platform for Grit System Maintenance & Vent Pipe	\$ 31,867.67	0

Change order costs summarized on attachment 5505-67

Total Change Order Request: \$ 31,867.67

Change in Contract Calendar Days: 0 Days

Comments:

Request was made add an access platform in order to facilitate maintenace of the grit system. Cost also covers additon of a vent pipe for the system

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Platform for Grit System Maintenance & Added Vent Pipe

Request # 5505-67

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Access Platform with Handrail, Grating & PE Stamp	1	LS	\$ 16,786.00	\$ 16,786.00
Misc Hardware & Anchors for Install	1	LS	\$ 500.00	\$ 500.00
Small Tools & Supplies	1	LS	\$ 350.00	\$ 350.00
Saddles, PVC for Vent	1	LS	\$ 500.00	\$ 500.00
				\$ -
				\$ -
				\$ -
		Tax	0.00%	\$ -
MATERIAL TOTAL				\$ 18,136.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman (2 days platform , 5 hours vent pipe)	21	MH	\$ 75.00	\$ 1,575.00
Operator	4	MH	\$ 75.00	\$ 300.00
Laborer (2)	42	MH	\$ 65.00	\$ 2,730.00
Project Manager	12	MH	\$ 85.00	\$ 1,020.00
				\$ -
				\$ -
				\$ -
LABOR TOTAL				\$ 5,625.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Forklift	8	HR	\$ 60.00	\$ 480.00
				\$ -
				\$ -
				\$ -
EQUIPMENT TOTAL				\$ 480.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Plumbing Subcontractor	1	LS	\$ 3,500.00	\$ 3,500.00
(Relocate and Re-Insulate Grit Snail Feed Line)				\$ -
				\$ -
SUBCONTRACTS TOTAL				\$ 3,500.00

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 18,136.00
LABOR	\$ 5,625.00
EQUIPMENT	\$ 480.00
SUBCONTRACTORS	\$ 3,500.00
DIRECT COST SUBTOTAL	\$ 27,741.00
OVERHEAD & FEES	\$ 3,811.15
SUBTOTAL 1	\$ 31,552.15
Bond Fee (1%)	\$ 315.52
SUBTOTAL 1	\$ 31,867.67
TOTAL	\$ 31,867.67



15415 Shelbyville Rd,
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CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #068

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Admin Building Plumbing and Drain Cleanout	\$ 3,978.90	0

Change order costs summarized on attachment 5505-68

Total Change Order Request: \$ 3,978.90

Change in Contract Calendar Days: 0 Days

Comments:

Existing Admin Building Plumbing and Drain Lines contained a much higher level of sedimentation in the existing piping than expected. Request was made by owner/engineer to flush water lines and cleanout all the floor drain system during the rehabilitation of the building.

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #069

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Repair Admin Building Roof Sheathing	\$ 3,665.29	0

Change order costs summarized on attachment 5505-69

Total Change Order Request: \$ 3,665.29

Change in Contract Calendar Days: 0 Days

Comments:

After removal of the existing admin building roof, it was discovered that there were large areas of plywood rot around some of the old roof penetrations/vents. Costs contained herein are for replacement of all the bad plywood

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #070

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Sewer Dept Vac Truck	\$ 637,120.63	0

Change order costs summarized on attachment 5505-70

Total Change Order Request: \$ 637,120.63

Change in Contract Calendar Days: 0 Days

Comments:

Request made that a vacuum truck be added in order to clean pump stations and maintain sewer plant

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #071

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Sewer Department Service Truck	\$ 203,933.01	0

Change order costs summarized on attachment 5505-71

Total Change Order Request: \$ 203,933.01

Change in Contract Calendar Days: 0 Days

Comments:

Request was made for an addition of a service truck to maintain pump stations and equipment

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd.
 Louisville, KY 40245
 502.386.8997 (cell)
 502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
 Pace Job No. 5505
 Contract No. N/A
 Request No. CO #072

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Asphalt and Concrete Apron Changes	\$ 232,733.61	0

Change order costs summarized on attachment 5505-72

Total Change Order Request: \$ 232,733.61

Change in Contract Calendar Days: 0 Days

Comments:

Due to existing conditions of the plant access road, determination was made to replace additional areas of asphalt. In addition concrete aprons onsite were changed from 6" thickness to 7" thickness with geogrid underneath it. 7 Steel bollards were also added. New catch basin and piping around dewatering building added for drainage

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

Change Order Request Cost Breakdown



Pace Project # 5505

Date 7/31/2023

Project Name Sellersburg WWTP Expansion and Rehabilitation

Description Asphalt and Concrete Apron Changes

Request # 5505-72

MATERIALS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Geogrid	2	Roll	\$ 250.00	\$ 500.00
Bollard	7	EA	\$ 300.00	\$ 2,100.00
Concrete for Bollard and catch basin connections	3	CY	\$ 175.00	\$ 525.00
Additional Concrete for Aprons	13	CY	\$ 150.00	\$ 1,950.00
Stone Subbase Addition for Grading Revisions	1400	Ton	\$ 15.00	\$ 21,000.00
New Catch Basin, Frame, Grate	1	EA	\$ 2,500.00	\$ 2,500.00
12" Drainage Piping, Fabric, Risers	160	LF	\$ 16.00	\$ 2,560.00
1" Pipe & Fittings for Water Line Relocation	1	LS	\$ 500.00	\$ 500.00
Formwork Materials for apron and bollards	1	LS	\$ 300.00	\$ 300.00
				\$ -
				\$ -
			Tax 0.00%	\$ -
MATERIAL TOTAL				\$ 31,935.00

LABOR

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Foreman (75% time)	144	MH	\$ 75.00	\$ 10,800.00
Operator 24 shifts Total	192	MH	\$ 75.00	\$ 14,400.00
Laborer (2)	384	MH	\$ 65.00	\$ 24,960.00
Project Manager	32	MH	\$ 85.00	\$ 2,720.00
Superintendent	32	MH	\$ 85.00	\$ 2,720.00
Shifts: 2 shifts bollard installs, 4 shift regrade and prep aprons, 8 shifts demo and load out all asphalt, 8 shifts regrade roads and parking areas, 2 shifts install piping and catch basin				\$ -
				\$ -
LABOR TOTAL				\$ 55,600.00

EQUIPMENT

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
PC138 Excavator	7	Day	\$ 500.00	\$ 3,500.00
Kubota Skidsteer	10	Day	\$ 200.00	\$ 2,000.00
Roller/Compactor	7	Day	\$ 630.00	\$ 4,410.00
Foreman Truck	144	Hr	\$ 24.00	\$ 3,456.00
Truck Rental for Haul off w/ dump fees	8	Load	\$ 300.00	\$ 2,400.00
Dozer with GPS	5	Day	\$ 730.00	\$ 3,650.00
EQUIPMENT TOTAL				\$ 19,416.00

SUBCONTRACTS

ITEM	QUANTITY	UNIT	UNIT PRICE	COST
Asphalt Sub (\$216,669.68 new - \$107,500 Old)	1	LS	\$ 109,169.68	\$ 109,169.68
Fence Sub (Replace Mag Loops)	1	LS	\$ 5,000.00	\$ 5,000.00
Credit for 4" Asphalt Along High Rate	-160	TON	\$ 90.00	\$ (14,400.00)
Concrete Coring for Drain Pipe Install	3	EA	\$ 400.00	\$ 1,200.00
Rebuild GPS Model for Grading	8	HR	\$ 75.00	\$ 600.00
Compaction Testing Under Asphalt	1	Day	\$ 750.00	\$ 750.00
SUBCONTRACTS TOTAL				\$ 102,319.68

FEE SUMMARY

DESCRIPTION	%
Bond Fee	1.00%
Labor and Material Mark-up	15.00%
Subcontractor Mark-up	5.00%

SUMMARY	AMOUNT
MATERIALS	\$ 31,935.00
LABOR	\$ 55,600.00
EQUIPMENT	\$ 19,416.00
SUBCONTRACTORS	\$ 102,319.68
DIRECT COST SUBTOTAL	\$ 209,270.68
OVERHEAD & FEES	\$ 21,158.63
SUBTOTAL 1	\$ 230,429.31
Bond Fee (1%)	\$ 2,304.29
SUBTOTAL 1	\$ 232,733.61
TOTAL	\$ 232,733.61



15415 Shelbyville Rd,
Louisville, KY 40245
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CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #073

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Ox Ditch 1 & 2 Replace Pressure Relief Valves	\$ 28,272.30	0

Change order costs summarized on attachment 5505-73

Total Change Order Request: \$ 28,272.30

Change in Contract Calendar Days: 0 Days

Comments:

Due to extreme corrosion and degradation of the existing pressure relief valves in the oxidation ditches, decision was made to replace them

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____



15415 Shelbyville Rd,
Louisville, KY 40245
502.386.8997 (cell)
502.815.4145 (office)

CLIENT CHANGE ORDER REQUEST

Date: 7/31/2023
Pace Job No. 5505
Contract No. N/A
Request No. CO #074

James Hagerty
Jacobi, Toombs & Lanz
2307 River Rd. St. 203
Louisville, KY 40206

Project Name: Sellersburg WWTP Expansion and Rehabilitation

Description:	Cost	+ Days
Site Lighting and Admin Building Changes	\$ 48,568.10	0

Change order costs summarized on attachment 5505-74

Total Change Order Request: \$ 48,568.10

Change in Contract Calendar Days: 0 Days

Comments:

Changes include admin building lighting in multiple locations, refeeding power supplies to several light poles, lightning protection for admin building and adding GFCI recepticles to admin building lab

Accepted by:

PACE CONTRACTING, LLC

JACOBI, TOOMBS & LANZ

Signature

Signature

Printed Name: Alex Oxencis

Printed Name: _____

Date: 7/31/2023

Date: _____

