

**CITY OF RACINE
DEPARTMENT OF PUBLIC WORKS
CONTRACT CHANGE ORDER**

Contract No. & Name # 2022132 Zoo Pathway

<u>C. O. No.</u> 3	<u>Funding Account (s)</u>	<u>Original Contract</u>	\$ 1,025,076.00
	45050-57110	<u>Previous C.O.'s</u>	\$ 44,000
		<u>Contract Total</u>	\$ 1,069,076

Contractor C.W.Purpero, Inc.

We mutually agree to the contract change order as herein delineated.

<u>Item No.</u>	<u>Description of Changes - Quantities, Units, Unit Prices, Change in Completion Schedule, etc.</u>	<u>Decrease in Contract</u>	<u>Increase in Contract</u>
1	Stair Support Wall		\$2,575.00
2	In Water Groin Removals		\$15,400.00
	Diving Crew for Removal		\$9,970.00
3	Anti-Graffiti		\$1,250.00
4	Metal Chain Link 4' Fence Post Driven		\$4,200.00
5	Asphalt Pathway		\$30,110.00
6	Light Rip Rap Flume		\$2,648.00
7	Remove grass maintenance contract	\$13,500.00	
<u>Total Decrease</u>		\$13,500.00	XXXXXXXXXX
<u>Total Increase</u>		XXXXXXXXXX	\$66,153.00
<u>Change in Contract Amount due to this Change Order</u>			\$52,653.00

Adjusted Contract Amount \$1,121,729.00

The time provided for completion in the contract is extended 31 days. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

Accepted by _____ Contractor C.W.Purpero, Inc. Date 6/23/23
Neil Johnson

Recommended by _____ Engineer/Department Head Date 06/23/23
[Signature]

Approved by _____ Finance Director Date _____

Approved by _____ Commissioner of Public Works Date _____

Authorized by Resolution No. _____ Date _____

SMITHGROUP

June 15, 2023

Tom Molbeck
Director of Parks
City of Racine – Parks, Recreation, and Cultural Service Dept.
1420 13th Street
Racine, WI 53403

Re: Zoo Beach Access and Shore Protection Construction Field Change Requests

Mr. Molbeck,

The following proposed field changes were made by CW Purpero, with respect to the Zoo Beach Access and Shore Protection Project. SmithGroup has reviewed the provided estimated costs and change details, and below is a discussion of our review and recommendations.

- **In-Water Groin Removal:** The city previously approved a change order for \$44,000 to remove upland portions of two derelict groin structures along the beach. This addition would remove and dispose of the last section of each groin located in the waters of Lake Michigan. The total cost for this work is estimated as \$15,400, including labor and disposal, and will be billed Lump Sum.
- **Diver Assistance for In-Water Groin Removal:** CWP will utilize divers to ensure complete removal of debris related to the in-water groin removal. This will help ensure that there is not a hazard to public safety from concrete or steel reinforcement from the historic groins. The work will be billed at a day rate which is estimated to be \$9,970 per day, with one day of labor required to perform the work.
- **Stair Support Wall:** A support wall on the lakeside of the concrete stairs will be incorporated to help with construction and provide a barrier to reduce erosion under and loss of sand under the stairs. The total cost for this work is estimated as \$2575, including labor and materials, and will be billed Lump Sum.
- **Riprap Flume:** To combat erosion along the bluff slope, due to runoff from the bike path, a riprap flume will be placed to provide protection from surface erosion while also reducing the velocity of runoff down the hill side. The total cost estimate for this work is \$2,648, including labor and materials, and will be billed Lump Sum.
- **Anti-Graffiti Paint:** To help prevent graffiti vandalism along the vertical wall next to the concrete steps, an anti-graffiti paint coating would be applied. The total cost estimate for labor and materials for this work is \$1,250 and would be billed Lump Sum. Any leftover materials would be provided to the city for ongoing maintenance.
- **Chain Link Fencing:** Approximately sixty feet of chain link fence would be installed along the slope side of the path where the slope is steepest and presents a potential hazard to path users. The total cost for this work, including labor and materials is estimated at \$4,200 and would be billed at a per linear foot price of \$70.
- **Full Depth Asphalt Pavement:** A portion of the asphalt pavement, which previously was intended to only receive an overlay, was significantly impacted during construction and would require full depth replacement instead. This item would include removal and disposal of existing asphalt and reconstruction of the base and asphalt pavement. The total cost for this work, including labor, disposal, and materials is estimated as \$30,110 and will be billed Lump Sum.

SMITHGROUP

- **Cost Reduction For Vegetation Maintenance Contracting Directly With City:** NLI will directly contract the required 3 years of vegetation maintenance with the City. The estimated cost was \$4,500 per year, and thus a cost reduction \$13,500 will be applied to the overall project cost.

These change orders have been discussed with the city and SmithGroup agrees with the authorization of the change orders, as proposed by CWP. The total price of Change Order #1 is **\$52,653**.

3

Let me know if you have any questions or comments.

Regards,



Timothy S. Wagner, PE
Project Manager

Attachment:
Change Order #2
Change Order Cost Information from CW Purpero

CHANGE ORDER NO. 2:

Owner:	City of Racine	Owner's Project No.:	2022132
Engineer:	SmithGroup	Engineer's Project No.:	14392
Contractor:	CW Purpero	Contractor's Project No.:	
Project:	Zoo Beach Access and Shoreline Restoration		
Contract Name:	Zoo Pathway Permanent Repair		
Date Issued:	05-17-2023	Effective Date of Change Order:	05-15-2023

The Contract is modified as follows upon execution of this Change Order:

Description:

- **In-Water Groin Removal**
- **Diver Support for In-water Groin Removal**
- **Stair Support Wall**
- **Anti-Graffiti Paint Coating**
- **Riprap Flume**
- **Reduction in cost for vegetation maintenance to be contracted by City with NLI**

Attachments:

Cost Proposals from CW Purpero

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ <u>1,025,076.00</u>	Original Contract Times: Substantial Completion: <u>July 31, 2023</u> Ready for final payment: _____
[Increase] from previously approved Change Order No. 1: \$ <u>\$44,000</u>	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order]: Substantial Completion: <u>N/A</u> Ready for final payment: _____
Contract Price prior to this Change Order: \$ <u>1,069,076</u>	Contract Times prior to this Change Order: Substantial Completion: <u>July 31, 2023</u> Ready for final payment: _____
[Increase] this Change Order: \$ <u>52,653</u>	[Increase] [Decrease] this Change Order: Substantial Completion: <u>N/A</u> Ready for final payment: _____
Contract Price incorporating this Change Order: \$ <u>1,121,729</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>July 31, 2023</u> Ready for final payment: _____

Recommended by Engineer (if required)

Authorized by Contractor

By: Timothy Wagner, PE

Nick Jordan NICK Lazarides

Title: Project Manager

Project Manager

Date: 05/15/2023

6/15/23

Authorized by Owner

CW Purpero, Inc

By: _____

Title: _____

Date: _____

RACINE ZOO PATHWAY PROJECT PRICING ADDITIONAL STAIR SUPPORT WALL



C.W. PURPERO, INC.

1190 WEST RAWSON AVE.
OAK CREEK, WI 53154

Contact: MICHAEL ROGOWSKI

Phone: 414-349-1170

Fax: 414-856-2856

Quote To: TIM WAGENR
SMITH GROUP
44 East Mifflin Street, Suite 500 Madison, WI
608-327-4439, CELL # 952-356-9386
Phone:
Fax: tim.wagner@smithgroup.com

Job Name: RACINE ZOO PATHWAY
Date of Plans:
Revision Date:

#4 Epoxy costed rebar @12" on center
Wall poured same time as stairs

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	STAIR SUPPORT WALL				
41	Stair Support Wall	1.00	LS	2,575.00	2,575.00
GRAND TOTAL					\$2,575.00

NOTES:

- Furnish and install one sided form plywood wall along east side of stairs
- Furnish and install 1"x1" chamfer strip in forms to match the bottom edge of stairs.
- Furnish and install #4 epoxy - costed rebar spaced @12" on center each way inside forms.
- Pour Wall at same time as the stairs
- Strip forms and rubbed finish exposed surfaces
- CWP supervision time

RACINE ZOO PATHWAY PROJECT PRICING ADDITIONAL GROIN REMOVAL IN WATER



C.W. PURPERO, INC.

1190 WEST RAWSON AVE.

OAK CREEK, WI 53154

Contact: MICHAEL ROGOWSKI

Phone: 414-349-1170

Fax: 414-856-2856

Quote To:

TIM WAGENR
SMITH GROUP
44 East Mifflin Street, Suite 500 Madison, WI
608-327-4439, CELL # 952-356-9386

Job Name:

RACINE ZOO PATHWAY

Date of Plans:

Phone:

Fax:

tim.wagner@smithgroup.com

Revision Date:

DAY RATE FOR DIVER IF NEEDED \$9,970 PER DAY ON S
REMOVAL AND HAUL OFF

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
30	In Water Groin Removals 2 sections 5 Sec Deep	2.00	EA	7,700.00	15,400.00
35	Diving Crew for Removal	1.00	DAY	9,970.00	9,970.00

GRAND TOTAL

\$25,370.00

NOTES:

- Turbidity barrier
- Removal of groins in water
- Concrete and metal haul off
- Clean up beach
- CWP supervision time

- Diver/ Underwater work at a day rate, if not need not cost to the City of Racine.

Rate per day for Underwater work is \$9,970.00 Day Rate.

RACINE ZOO PATHWAY PROJECT PRICING ANTI- GRAFFITTI



C.W. PURPERO, INC.

1190 WEST RAWSON AVE.

OAK CREEK , WI 53154

Contact: MICHAEL ROGOWSKI

Phone: 414-349-1170

Fax: 414-856-2856

Quote To:

TIM WAGENR
SMITH GROUP
44 East Mifflin Street, Suite 500 Madison, WI
608-327-4439 , CELL # 952-356-9386

Job Name:

RACINE ZOO PATHWAY

Date of Plans:

Phone:

Revision Date:

Fax:

tim.wagner@smithgroup.com

Apply 2 Coats of Sherwin- Williams 1k Siloxane
Anti-Graffiti Coating 3/8" -1/2" Nap Roller

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
44	Anti Graffiti	1.00	LS	1,250.00	1,250.00

GRAND TOTAL

\$1,250.00

NOTES:

Anti- Graffiti Coating

- (2)Coats of Sherwin-Williams
- 1K Siloxane Anti-Graffiti Coating
- Application with 3/8" to -1/2" nap roller
- Applied to Exposed Poured Concrete Walls at Stairway

RACINE ZOO PATHWAY PROJECT PRICING 60' - 4'

High Galvanized Chain Link fence



C.W. PURPERO, INC.
 EXCAVATING / GRADING
 CONTRACTORS
 Milwaukee, Wisconsin

C.W. PURPERO, INC.

1190 WEST RAWSON AVE.

OAK CREEK, WI 53154

Contact: MICHAEL ROGOWSKI

Phone: 414-349-1170

Fax: 414-856-2856

Quote To:

TIM WAGENR
 SMITH GROUP
 44 East Mifflin Street, Suite 500 Madison, WI
 608-327-4439, CELL # 952-356-9386

Job Name:

RACINE ZOO PATHWAY

Date of Plans:

Phone:

Fax:

tim.wagner@smithgroup.com

Revision Date:

60' - 4' high Galvinved Chain Link Fence
 Post Driven Fence

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
46	Metal Chain Link 4' Fence Post Driven	60.00	LF	70.00	4,200.00

GRAND TOTAL

\$4,200.00

NOTES:

4' Galvanized Chain Link

- 60' Chain Link fence
- Post Driven Fence
- 60' from Existing Guard rail along asphlat path in steep slope area.

RACINE ZOO PATHWAY PROJECT PRICING ASPHALT PATHWAY FULL DEPTH REPLACE



C.W. PURPERO, INC.

1190 WEST RAWSON AVE.

OAK CREEK, WI 53154

Contact: MICHAEL ROGOWSKI

Phone: 414-349-1170

Fax: 414-856-2856

Quote To:

TIM WAGENR
SMITH GROUP
44 East Mifflin Street, Suite 500 Madison, WI
608-327-4439 , CELL # 952-356-9386

Job Name:

RACINE ZOO PATHWAY

Date of Plans:

Phone:

Fax:

tim.wagner@smithgroup.com

Revision Date:

EBS EXISITNG PATH
REMOVAL AND HAUL OFF

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
42	Asphalt Pathway	1.00	LS	30,110.00	30,110.00
GRAND TOTAL					\$30,110.00

NOTES:

Existing Asphalt path was alligatored and pumped up , overlay could not be done.

- Full asphalt removal
- Excavation of pumped clay
- EBS infilled with 1.25" TB
- Proof roll - Intera services
- 4 3/4" Full depth asphalt replacement
- Binder and Surface

Project Pricing

For: # 1776 Racine - Zoo Access Path & Shore Protect #132448

Req. # 1

905 Asphalt Full Depth Replacement
Asphalt Full Depth Replacement

LS

1 LS

\$30,111.00

\$30,111.00

\$30,111.00

\$30,111.00

Notes:

Existing asphalt was broken up to a point that it could not be overlaid with 1 3/4" asphalt, dirt pumped through asphalt in spots, alligator cracking was substantial, this would mirror in overlay. Some spots of asphalt path had rounded and heaved in spots.

Asphalt removal full depth for 617Sy

Proof Roll - Interra Soils Engineer - EBS were soils pumped through asphalt

1.25" TB used to fill EBS and Grade Path

Asphalt paving full depth of 4 3/4" - 617SY



RACINE ZOO PATHWAY PROJECT PRICING LIGHT RIP RAP FLUME



C.W. PURPERO, INC.
EXCAVATING / GRADING
CONTRACTORS
Milwaukee, Wisconsin

C.W. PURPERO, INC.

1190 WEST RAWSON AVE.
OAK CREEK, WI 53154

Contact: MICHAEL ROGOWSKI
Phone: 414-349-1170
Fax: 414-856-2856

Quote To: TIM WAGENR SMITH GROUP
44 East Mifflin Street, Suite 500 Madison, WI
608-327-4439, CELL # 952-356-9386
Phone: tim.wagner@smithgroup.com
Fax:

Job Name: RACINE ZOO PATHWAY
Date of Plans:
Revision Date:

Light Rip Rap Flume
HR Fabric Underlayment

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
47	Light Rip Rap Flume	1.00	LS	2,648.00	2,648.00
GRAND TOTAL					\$2,648.00

NOTES:

- Light Rip rap flume
- Light Rip rap flume placed to stop scouring of embankment and reventment sand.
- Light Rip rap flume placed form edge of shoulder to top of reventment stone.
- HR fabric placed as underlayment
- Light Rip rap flume is connected to revetment armor stone.

Tim Wagner

From: Nick Lazarides <lazaridesn@purpero.com>
Sent: Thursday, June 15, 2023 10:25 AM
To: Tim Wagner
Subject: FW: Racine Zoo Pathway project - native Upland Seed and Dune Grasses maintenance 3 years.

Tim,

Apologize for the delay on getting this over to you

Please see the email below for the price of the maintenance to be removed from our contract and taken on by the city.

Let me know if you have any questions.

-Nick

Nick Lazarides | Project Manager
C W Purpero, Inc
414 856 2850 tel | 414 305 6304 cell



From: Keir Peckham <keir@naturallandscapesinc.com>
Sent: Thursday, June 15, 2023 9:21 AM
To: Nick Lazarides <lazaridesn@purpero.com>
Subject: Re: Racine Zoo Pathway project - native Upland Seed and Dune Grasses maintenance 3 years.

Good Morning Nick,

Vegetation management and monitoring submittal with cost is below.

Racine Zoo Pathway Project

Management and Monitoring

All naturalized growing spaces throughout the footprint of this project shall be managed and monitored throughout the entire 2023 growing season. Monitoring shall consist of periodic visits during the growing season to evaluate the site's vegetative state and determine what methods of management may need to be performed. Management recommendations shall focus on the control of noxious plant species that may pose a threat to the establishment of desirable native vegetation.

Management shall consist of selective cutting, mowing and spot herbicide application of invasive plant species when necessary. Invasive plants would include, but are not limited to, Phalaris arundinacea (reed canary grass), Lythrum salicaria (purple loosestrife), Cirsium arvense (Canada thistle), Salix sp (willow), Cirsium vulgare (bull thistle), Melilotus sp (white and yellow sweet clover), Dipsacus sylvestris (teasel), Arctium minus (burdock) and all invasive woody species such as willow, honeysuckle, and buckthorn. All areas shall be mowed at the completion of 2023 growing season to mimic natural fire and thatch up dormant plant matter and set back invasive woody species. Please let me know if you have any questions or need additional information.

Vegetation management and Monitoring Services – Native Upland Seeding and Dune Grass plantings

\$4,500 per Year x 3 years = \$13,500.00

Please let me know if you have any questions or concerns.

Thanks!

Keir Peckham
Vegetation Specialist

Phone: 262-488-5347
W 303N 7531 Polo Ct N
Hartland, WI 53029

Website: www.naturallandscapesinc.com
Email: keir@naturallandscapesinc.com