



Yamhill County
Public Works Department
 2060 Lafayette Avenue, McMinnville, Oregon 97128
 Phone 503.434.7515 | Fax 503.472.4068 | Email
pubwork@co.yamhill.or.us

YAMHILL COUNTY BOARD OF COMMISSIONERS COVERSHEET

DATE: June 2, 2022
TO: Board of Commissioners
FROM: Mark Lago, Public Works Director
RE: Approval to Purchase Sheet Pile for the Deer Creek Park Bridge Replacement

BACKGROUND:

Public Works is requesting approval of a competitive quote to purchase Sheet Piling for the Deer Creek Park Bridge Replacement Project.

The successful low bid contractor would normally purchase the beams but because of the County driven construction schedule, the procurement process must take place prior to the award of the construction contract to meet the in-water-work window.

Yamhill County consulted with David Evans Associates to provide a list of steel suppliers in the Pacific Northwest. Three quotes were collected, and Foundation Equipment Supply of Newberg has the lowest quote at \$35,561.80.

The following is a summary of quotes received:

| Sheet Pile Quotes | | | | |
|--------------------------------------|------------------------|---------|------------|--------------------|
| Supplier | Description | Qty | Est. Price | Total |
| Foundation Equipment Supply Option 2 | MSZ-15-312 | 268.488 | \$ 129.10 | \$34,661.80 |
| | Formed 90 Degree bends | 60 | \$ 15.00 | \$900.00 |
| | Total | | | \$35,561.80 |
| Nucor Skyline | AZ-12-770 Pairs | 556.092 | \$ 120.00 | \$66,731.04 |
| | SKLC-90 Corner | 38 | \$ 75.00 | \$2,850.00 |
| | Omega-18 Corner | 52.5 | \$ 75.00 | \$3,937.50 |
| | Total | | | \$73,518.54 |
| Pacific Piling | JZ19 | 556.092 | \$ 115.00 | \$63,950.58 |
| | No corners quoted | | | |
| | Total | | | \$63,950.58 |

Accepted by Yamhill County
 Board of Commissioners on
6-2-2022 by Board Order
 # 22-167

STAFF RECOMMENDATION:

Approve the purchase of Sheet Piling from Foundation Equipment Supply of Newberg for \$35,561.80, as authorized by ORS 279B.070 Intermediate procurements not to exceed \$150,000.

FISCAL IMPACT:

Funds will come out of the Road Fund's Capital Improvement Project account. This project is included in the current approved 2021-22 budget and proposed FY 2022-23 budget.

ATTACHMENTS:

- Attachment 1 – Foundation Equip. Supply Quote
- Attachment 2 – Nucor Supply Quote
- Attachment 3 – Pacific Piling Supply Quote

Foundation Equipment & Supply, Inc.

P.O. Box 1226
Newberg, OR 97132
Ph: (503) 537-9994
Cell: (503) 860-2207
Fax: (503) 554-9322
E-Mail: mc-fes@comcast.net

May 25, 2022

Yamhill County Road Department
Attn: Mr. Greg Haffner

RE: Deer Creek Park Bridge Project – Yamhill County, OR

Dear Greg,

Foundation Equipment & Supply, Inc. is pleased to offer the following quotation for the supply of Steel Sheet Pile and Steel H-Pile for use on the above project.

QTY. DESCRIPTION

OPTION #1

34 Pcs. MSZ-14-375 (20.72 Lbs./Sq. Ft. of Wall) New Domestic ASTM
(97.92 WF) A572-50 **Cold Formed** Bare Steel Sheet Pile. (See Attached
Specification Sheet). Sheets supplied in Customer Ordered Lengths
15' in Singles. **Approximate Weight: 30,431.70 Lbs.** Sheets supplied
from a mill rolling approximately 1 – 2 Weeks after order placement.
FOB Loaded Truck – Jobsite – Near Sheridan, OR. One Hour
allowed for unloading at the jobsite.

PURCHASE PRICE:

OPTION #A: TRUCK DIRECT FROM MILL: \$ 137.25 / CWT (\$ 41,767.51)

**OPTION #B: ORDER BY FRIDAY APRIL 15TH
RAIL SHIPMENT TO PORTLAND
DELIVERY 4 – 6 WEEKS: \$ 126.55 / CWT (\$ 38,511.32)**

60 LF Formed 90-Degree Corners with 3.5" Legs x 15' – Add to cost of
(Approx.) Sheet.

PURCHASE PRICE: \$ 15.00 / LF (\$ 900.00)

34 EA Supply & Attached per Manufacturer's Recommendation's Sheet Pile
Cutting Shoes to Each Single Sheet.

PURCHASE PRICE: \$ 215.00 / EA (\$ 7,310.00)

B.O. 22-167
Exhibit "A"
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SHEET SPECIFICATIONS: **MSZ-14-375**

SHEET WIDTH – SINGLE: 34.56"
DEPTH OF WALL: 12.24"
SHEET THICKNESS: **.375"**
SHEET WEIGHT – LF SINGLE: 59.67 LBS.
SHEET WEIGHT – LF PAIR: 119.34 LBS.
WEIGHT – SQ. FT. WALL: 20.72 LBS.
SECTION MODULUS: **23.38 IN.3**
MOMENT OF INERTIA: 144.93 IN.4

Approx. Cell Size: 16.99' (Wing) x 17.86' (Face) x 14.11 WF (Wing)

OPTION #2

36 Pcs. MSZ-15-312 (18.20 Lbs./Sq. Ft. of Wall) New Domestic ASTM
(98.36 WF) A572-50 **Cold Formed** Bare Steel Sheet Pile. (See Attached
Specification Sheet). Sheets supplied in Customer Ordered Lengths
15' in Singles. **Approximate Weight: 26,848.80.** Sheets supplied from
a mill rolling approximately 1 – 2 Weeks after order placement. **FOB
Loaded Truck – Jobsite – Near Sheridan, OR. One Hour allowed
for unloading at the jobsite.**

PURCHASE PRICE:

OPTION #A: TRUCK DIRECT FROM MILL: \$ 141.20 / CWT (\$ 37,910.51)

**OPTION #B: ORDER BY FRIDAY APRIL 15TH
RAIL SHIPMENT TO PORTLAND
DELIVERY 4 – 6 WEEKS: \$ 129.10 / CWT (\$ 34,661.80)**

60 LF Formed 90-Degree Corners with 7" Legs x 15' – Add to cost of
(Approx.) Sheet.

PURCHASE PRICE: \$ 15.00 / LF (\$ 900.00)

36 EA Supply & Attached per Manufacturer's Recommendation's Sheet Pile
Cutting Shoes to Each Single Sheet.

PURCHASE PRICE: \$ 215.00 / EA (\$ 7,740.00)

SHEET SPECIFICATIONS: **MSZ-15-312**

SHEET WIDTH – SINGLE: 32.79"
DEPTH OF WALL: 14.11"
SHEET THICKNESS: **.312"**

Attachment 1
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SHEET WEIGHT – LF SINGLE: 49.72 LBS.
SHEET WEIGHT – LF PAIR: 99.44 LBS.
WEIGHT – SQ. FT. WALL: 18.20 LBS.
SECTION MODULUS: 24.24 IN.3
MOMENT OF INERTIA: 172.66 IN.4

Approx. Cell Size: 15.81' (Wing) x 17.56' (Face) x 15.81 WF (Wing)

OPTION #3

42 Pcs. DZ-90 (22.90 Lbs./Sq. Ft. of Wall) New Domestic ASTM A572-50
(98.36 WF) **Cold Formed Bare Steel Sheet Pile.** (See Attached Specification Sheet). **Sheets supplied from Mill Stock 15' – 16' in Singles and/or Pairs. Approximate Weight: 34,776.** Sheets supplied from a mill rolling approximately 1 – 2 Weeks after order placement. **FOB Loaded Truck – Jobsite – Near Sheridan, OR. One Hour allowed for unloading at the jobsite.**

PURCHASE PRICE:

OPTION #A: TRUCK DIRECT FROM MILL: \$ 107.00 / CWT (\$ 37,210.32)

**OPTION #B: ORDER BY FRIDAY APRIL 15TH
RAIL SHIPMENT TO PORTLAND
DELIVERY 4 – 6 WEEKS: \$ 97.50 / CWT (\$ 33,906.60)**

60 LF Formed & Cut & Welded 90-Degree Corners with 6" Legs x 15' – Add
(Approx.) to cost of Sheet.

PURCHASE PRICE: \$ 60.00 / LF (\$ 3,600.00)

42 EA Supply & Attached per Manufacturer's Recommendation's Sheet Pile
Cutting Shoes to Each Single Sheet.

PURCHASE PRICE: \$ 195.00 / EA (\$ 8,190.00)

SHEET SPECIFICATIONS: DZ- 90

SHEET WIDTH – SINGLE: 29.00"
DEPTH OF WALL: 16.48"
SHEET THICKNESS: .354"
SHEET WEIGHT – LF SINGLE: 55.20 LBS.
SHEET WEIGHT – LF PAIR: 110.40 LBS.
WEIGHT – SQ. FT. WALL: 22.90 LBS.
SECTION MODULUS: 35.75 IN.3
MOMENT OF INERTIA: 294.58 IN.4

Approx. Cell Size: 15.04' (Wing) x 17.92' (Face) x 16.42 WF (Wing)



Deer Creek Park Bridge
Yamhill County
Attn: Estimating

Jake Lobe
Jake.Lobe@NucorSkyline.com
MR: 253-254-1868

Pricing holds validity until 5/1/2022. Subject to confirmation and order acceptance thereafter. Material must be received in full by 6/15/2022 or else purchaser will need to pay for Material-On-Hand and will be subject to a storage fee of \$15/ton, per month.

Net 30 day payment Terms
Taxes not included.
Delivery Freight Included - CPT (Incoterms 2020) - Loaded Truck to Sheridan, OR

BUYER IS ULTIMATELY RESPONSIBLE FOR PROVIDING NUCOR SKYLINE WITH SUPPLY LENGTHS. PRICING IS BASED ON BELOW LISTED MATERIAL, LENGTHS, SECTION AND QUANTITIES. ANY CHANGE MAY RESULT IN A PRICE REVISION BY NUCOR SKYLINE.

AZ 12-770 Pairs (SM = 23.2 in^3/Ft)

New, Import, Hot Rolled Sheet Pile per ASTM A572 gr. 60
Sheet Pile is offered from Longview, WA stock. Subject to prior sale.
Please allow 2-3 weeks after receipt of order for material be cut and delivered to the receiving location.

| TYPE | Width (in.) | lb/ft. | QTY | Length | Weight | Tons | Wall Ft. | \$/CWT | Price Extended |
|----------------|-------------|--------|-----|--------|-----------|-------|----------|-----------|----------------|
| AZ12-770 Pairs | 60.62 | 97.56 | 19 | 30 | 55,609.20 | 27.80 | 95.98 | \$ 120.00 | \$ 66,731.04 |
| | | | | | 55,609.20 | 27.80 | 95.98 | | \$ 66,731.04 |

AZ Sheet Pile Corner

New, Import, Hot Rolled Sheet Pile Corner per ASTM A572 gr. 60
Sheet Pile is offered from Vancouver, BC stock. Subject to prior sale.
Please allow 2-4 weeks after receipt of order for material be delivered to the receiving location.

| Description | lb/ft | QTY | Length | TLF | Weight | Tons | \$/Load | \$/LF | Extended |
|--|-------|-----|--------|------|--------|------|-------------|----------|-------------|
| SKLC-90 Corner | 8.5 | 2 | 19 | 38 | 323.00 | 0.16 | | \$ 75.00 | \$ 2,850.00 |
| Omega-18 Corner | 12.1 | 2 | 26.25 | 52.5 | 635.25 | 0.32 | | \$ 75.00 | \$ 3,937.50 |
| Trucking of SKLC-90 from Vancouver, BC | | 1 | | | | | \$ 2,400.00 | | \$ 2,400.00 |
| | | | | 90.5 | 958.25 | 0.48 | | | \$ 9,187.50 |

HP14x89

New, 100% Domestic H-Pile per ASTM A572 gr.50
Material is offered from Longview, WA stock. Subject to prior sale.
Please allow 2-3 weeks after receipt of order for material be cut and delivered to the receiving location.

| TYPE | lbs/FT | QTY | Length | TLF | Weight | Tons | \$/CWT | Extended |
|---------|--------|-----|--------|-----|-----------|------|----------|--------------|
| HP14x89 | 89.00 | 3 | 23 | 69 | 6,141.00 | 3.07 | \$ 90.00 | \$ 5,526.90 |
| HP14x89 | 89.00 | 3 | 27 | 81 | 7,209.00 | 3.60 | \$ 90.00 | \$ 6,488.10 |
| | | 6 | | 81 | 13,350.00 | 6.68 | | \$ 12,015.00 |

Attachment 3
(page 1 of 2)

Greg Haffner

From: Rick Cable <rick.cable@pacificapiling.ca>
Sent: Thursday, April 14, 2022 11:20 AM
To: Greg Haffner
Cc: Amanda Blankenship; Russ Storaasli
Subject: RE: Deer Creek Park Bridge - Sheet Piling Quote request

[This email originated outside of Yamhill County]

Hi Greg

Our lightest sheet pile is the JZ19 with a plastic of +/- 41 in.3 so not sure how competitive we will be

Use \$115/FT + tax JZ 19 x 15ft ASTM A572 GR 50
30" LONG SHEET PILE CUTTING SHOE SUPPLY ONLY @\$125/EA
WORKING ON SUPPLY PRICE

FOB LAODED TRUCK McMinnville, OR

From: Greg Haffner <haffnerg@co.yamhill.or.us>
Sent: April 12, 2022 4:58 PM
To: Rick Cable <rick.cable@pacificapiling.ca>
Cc: Amanda Blankenship <Amanda.Blankenship@deainc.com>
Subject: FW: Deer Creek Park Bridge - Sheet Piling Quote request

Rick,

Can you please see the attached information and provide a quote on the sheep pile below.
See attached plans. I have a deadline of Friday and I hope that works for you.

Please let me know if you have any other questions.

Greg Haffner
Engineering Manager

From: Greg Haffner
Sent: Tuesday, April 12, 2022 12:17 PM
To: Russ Storaasli <russ@pacificapiling.ca>
Subject: RE: Deer Creek Park Bridge - Sheet Piling Quote request

Russ,

To follow up, we also need sheet piling:

See attached plan with the layout required, depths, and cutting shoes.

Attachment 3
(page 2 of 2)

Materials

00521.10 Engineer's Estimated Length List – Agency to furnish the following lengths of steel piles:

| Location | No. | Length | Tip Elevation | Kind |
|-----------------|-----|--------|---------------|------------|
| BR 24142 Bent 1 | 3 | 21.7 | 233 | HP 14 x 89 |
| BR 24142 Bent 2 | 3 | 25.0 | 230 | HP 14 x 89 |

No Pile shoes required. Will be a drilled shaft.
Non-Domestic is OK, No federal dollars.

Please quote H pile delivered to either:

1. Bridge Site per Google earth Pin
2. 2060 NE Lafayette Ave, McMinnville Or 97128.

We are not sure on permits right now but will take delivery either at the site (google pin) if the project goes, or hold onto piles until next season at our yard.

Thank you in advance,

Greg Haffner

Engineering Manager
2060 NE Lafayette Ave.
McMinnville Or 97128

503-434-7515 Ext. 3605
Direct 503-434-7365
Haffnerg@co.yamhill.or.us



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Exhibit "A"
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