

PZC-13 Sheet Pile Material Specification

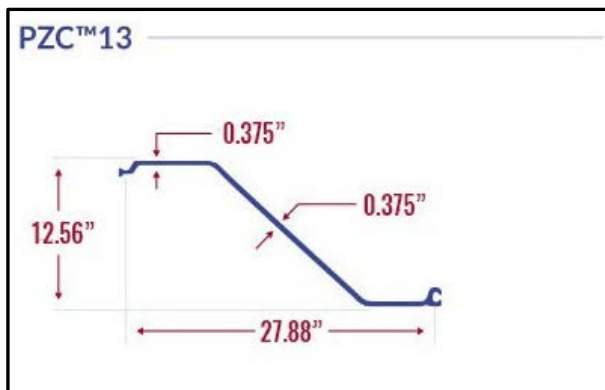
Overview

The Pennsylvania Department of Transportation, Allegheny County ("The Department") seeks to establish an agreement for the procurement of steel sheet piles for use conducting hillside stabilization. This agreement will be exclusively for the procurement of materials and for the delivery of said materials.

Requested Materials

PZC-13 Steel Sheet Piles

- Sheet piles procured from this agreement must be PZC-13 High Efficiency type sheet piles only.
- The awarded Vendor must be able to supply PZC-13 type sheet piles in each of the following lengths: 15-foot, 20-foot, 25-foot.
- Sheet piles procured from this agreement must match the following dimensions/properties:



Per Single Section	PZC™ 13
Nominal Width (in.)	27.88
Wall Depth - Height (in.)	12.56
Web Thickness (in.)	0.375
Flange Thickness (in.)	0.375
Area (in. ²)	14.82
Weight Per Foot (lbs/ft)	50.4
Moment of Inertia (in. ⁴)	353
Section Modulus (in. ³)	56.2
Total Surface Area (ft ² /ft)	6.09
Nominal Coating Area (ft ² /ft)	5.6

Per Foot of Wall	PZC™ 13
Area (in ² /ft)	6.38
Weight Per Foot (lbs/ft ²)	21.7
Moment of Inertia (in ⁴ /ft)	152
Section Modulus (in ³ /ft)	24.2

Information obtained via [Hammer & Steel, Inc.](#)

Delivery

Delivery Terms

- Delivery terms shall be FOB destination, freight prepaid and allowed. Delivery of materials will be the responsibility of the vendor. Materials must be delivered by the awarded Vendor, or by a third party acting on behalf of the awarded Vendor.
- This agreement **does not** include additional line item(s) for a delivery fee. Please consider this when calculating your bid.
- Delivery shall include the unloading of materials at the requested delivery site. No additional charge will be assessed to the Department for the unloading of materials.

Delivery Locations

- All delivery locations will be within the confines of Allegheny County.

Lead Time

- Adequate response time will be determined on a case-by-case basis and is at the sole discretion of PennDOT.
- The Department estimates that the Vendor will typically be given 1 week, after receiving an order, for materials to be delivered to the jobsite.

Methods of Pricing

Unit of Measure

- Due to the varied length of sheet piles that may be requested, pricing shall be on a per-foot basis.
- 1 unit of measure ("1 unit") shall be equivalent to one PZC-13 sheet pile that is 1-foot in length.
- As referenced in the Requested Materials portion of this specification, 1-foot of a single PZC-13 sheet pile weighs 50.4 pounds.

Price Adjustments

- No pricing adjustment(s) will be applied to this agreement at any point during the agreement's validity period.

Other Requirements

- Materials must comply with PA Bulletin 15 (Qualified Product List for Construction).

Estimated Quantities

- The Department anticipates that 1,250 units will be procured from this agreement. As a reminder, 1 unit is equivalent to one PZC-13 sheet pile that is 1-foot in length.
- The quantities listed above are strictly an estimate and this estimate is for internal Department use only. There is no assurance that the Department's actual usage will approximate this estimate.

Billing Address

Commonwealth of PA – PO Invoice
PO Box 69180
Harrisburg, PA 17106

Instructions for Submitting Response

- Bids will only be accepted electronically via the [PA Supplier Portal](#).
- Information for responding to solicitations is available from the [Dept. of General Services](#).

Questions

- Please direct solicitation-based questions to Anthony Beck, RPT II.

Anthony Beck, RPT II

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