Bridge Bid Notice

Bridge Requirements/Specifications:

\*Nominal 18’ Deck Width - 20” overall/nominal bridge length. Shall be designed for HL93 & ML80 loadings per either 2002 Standard Specifications for Highway Bridges or 2012 LRFD Bridge Design Specifications – Stringers shall be designed with no speed restriction (Full impact Loading) \*Design shall incorporate the dead load of a potential/future 2”timber overlay. P.E. stamped design letter of certification, drawings, and stringer/deck calculation shall be provided – design shall be stamped by a PE licensed in the state of Pennsylvania. All steel shall be new, domestic origin and of minimum strength as indicated in stringer calculations. Welding Procedures and personnel shall be qualified per AWS D1.5. Full- dimension steel end plates (back-walls) of minimum 3/8” thick steel, provided at both ends to eliminate the need for a back wall on the abutments. Guardrail system shall consist of W6X20# strong posts with spacing @ 3’-1.5” c-c and pre-drilled for attachment of standard galvanized w-rail. Overall height of guardrail system shall be 18” above deck. Holes shall be drilled on both sides of the web to provide a “spare” hole in the event the original hole is damaged in a collision. W-rail, four boxer glove end terminal and associated fasteners to be provided by bidder. Two coats epoxy primer with urethane top coat applied per paint manufacturer’s recommendations. A 56-mil waterproofing membrane on 4-mil carrier film, slit to overhang the top flanges of the stringers by ¼”-1/2” on either side, shall be pre-installed on the top flanges of all stringers. Deck system shall consist of treated, nail or glue laminated, nominal 6” thick Southern Yellow Pine decking pre-assembled in panels. Timbers shall be treated to ground contact and of minimum grade/strength as indicted in deck calculations. Must furnish all fasteners, hardware, and accessories necessary for superstructure assembly and deck installation. All structural connections shall be made with galvanized A325 grade bolts or equal and all clips/fasteners used with timber elements shall be galvanized or stainless. The bidder shall have at least five year’s experience in the design, fabrication, and erection of the pre-fabricated bridges. A brief narrative (3pages +/-) shall be provided with the bid summarizing the supplier’s experience/qualification in the design, fabrication and erection of pre-fabricated steel bridges. Include a summary of a minimum of five similar project and a narrative of bridge system including sample drawings and/or photos. For further information or questions contact Otto Deutschlander at 814-647-5372 or 814-203-9298. Sealed bids marked “Bridge Grant” shall be mailed to or dropped in lockbox by Monday, June 27th at Homer Township, 348 Southwoods Road, Coudersport, PA 16915 which is the location of the special meeting for the opening of bids at 7 p.m.