

RFP for Special Inspections and Testing

Cost and Scope is based on the following documents:

- Project CD Drawings, BRW Architects and Schemmer, 6/14/24
- Project Manual, Schemmer, 6/14/24
- Construction Schedule, Scheele Kayton 9/17/24

Scope of Services:

Provide Special Inspections and Construction Material Testing for the following:

Earthwork / Structural Fill, Excavations, and Backfill

Subgrade compaction density verification tests will be completed for site preparation, utility and foundation backfill, and for subgrade preparation of pavement and building slabs. Testing of surcharge placement and settlement plate monitoring is excluded. Testing of relocated earth from surcharge as part of grading operations is to be included.

Cast in Place Concrete

Reinforced concrete will be inspected for compliance with project specifications immediately prior to concrete placement for foundation structural members, pavements, and building slabs. Fresh concrete field testing includes casting concrete cylinder specimens for laboratory strength testing, slump, air content, and temperature measurements. This includes special inspection of the reinforcing steel and embedded items for size, grade, connection overlap, clearance, and placement as indicated on plans, schedules, and shop drawings

Structural Special Inspections

Inspection of structural steel connections will be performed per AWS and AISC criteria. Inspection will include review of mill test report submittals for compliance of fabricated members with ASTM standards. Weld filler material and high strength bolts, nuts, and washers will also be reviewed for conformance with specifications. Welders will be required to present AWS certifications for the weld types they perform. Visual observation of weld size and quality will be performed for structural steel connections. Structural steel bolted connections will be inspected to verify that that snug tightened condition has been achieved per AISC specifications. Areas requiring inspection include periodic inspection of structural steel fillet welds, continuous inspection of full penetration welds, and inspection of wall panels with insulation. We will inspect plug welds and screw side laps for decking.

Masonry Special Inspections

This includes reviewing the reinforcing steel and embedded items for size and placement, observing grouting operations, mix quantities of site prepared mortar and grout, and observing of general construction practices at mortar joints, control joints, and other locations.

Wood Special Inspections

This includes the review for fasteners and connections for wood framed systems as identified on the structural drawings.

Bidder shall include Project Management and Quality Control for the Services they provide.

Proposals shall include the following:

1. Complete Scope of Services explanation.
2. Compensation as an estimated amount along with hourly rates, trip rates, and testing rates for the Scope of Services.