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Illinois High Speed Rail Project Tier 6 – UD Tower Bid Package Summary

The Union Pacific Railroad (UPRR) plans to issue a Request for Proposal (RFP) for the Tier 6 – UD Tower bid package on the Illinois High Speed Rail Project. The limits of the package are on the Union Pacific (UP) Railroad, Joliet Subdivision, near Joliet, IL. The package includes construction of staging pads, retaining wall construction, and bridge improvements for UP and BNSF from MP 36.8 to MP 38.3. The work will need to be performed along active BNSF and Union Pacific tracks.

Environmental Permitting and Right-of-Way Acquisition

The limits for this project were established and approved in the Tier 6 Environmental Assessment (EA) Document dated 11/16/11 and the Braidwood Categorical Exclusion Document (reevaluation of the Tier 6 EA Document) (estimated date February 2014). Contractor will be responsible for complying with all requirements of permits for the project that the Owner/UPRR has obtained. Contractor will be responsible for any and all permits not supplied by UPRR. All ROW is anticipated to be in place prior to the start on construction and the contractor will not be responsible for obtaining leases or easements.

Track and Civil Construction

1. *REMOVAL OF RETIRED SIGNAL FOUNDATIONS AND SIGNAL BRIDGES* – The work includes removal and disposal of existing signal foundations and steel framed signal bridges.
2. *DISPOSE OF TRACK AND TURNOUTS* – The work includes disposal of existing track and turnouts removed by UPRR and BNSF forces.
3. *GRADING, DRAINAGE & EROSION CONTROL* – Grading work includes clearing/grubbing, embankment construction, excavation and subballast placement for staging pads, access roads and new track. Other work will include installation, maintenance and administration of the erosion control plan and storm water permit.
4. *REMOVAL OF EXISTING PLATFORM AND FENCING* – The work includes removal and disposal of existing platform and inter track fencing.
5. *HANDRAIL* – The work includes construction of handrail on top of existing retaining walls.

High Speed Rail Fence

No high speed rail fence will be included with this package.

Roadway Reconstruction

No roadway reconstruction will be included with this package.

Structural Construction

The table below summarizes the types of structural work locations will be included in the Tier 6 – UD Tower bid package:

STRUCTURAL SCOPE OF WORK	
WORK DESCRIPTION	LOCATIONS
BRIDGE CONSTRUCTION	6
RETAINING WALL	2
MISCELLANEOUS	5

Table 1: Structural Scope of Work

1. BRIDGE CONSTRUCTION

- a. BR. 37.08 – The work includes construction of handrail, footwalk, and ballast retainers.
- b. BR. 37.14 – The work includes construction of handrail, footwalk, and ballast retainers.
- c. BR. 37.20 (37.40) – The work includes installation of 4 span x 70'-6" steel beam spans, ballast deck (drop-in) superstructure, and removal existing beam span spans between two BNSF mainline tracks. Other work includes modifications of existing handrail, curb repair and spray on water proofing.
- d. BR. 37.26 – The work includes installation 4 span x 72' steel beam spans, ballast deck (drop-in) superstructure, and removal of existing beam span spans on the two UP mainline tracks. Substructure work includes reconstruction of piers. Other work includes modifications of existing handrail and spray on water proofing.
- e. BR. 37.33 – The work includes construction of precast concrete pedestrian tunnel under four mainline tracks (2 UP, 2 BNSF) and removal of existing concrete slab bridge. Other work includes backfill, water proofing and paving.
- f. BR. 37.60 – The work includes installation of 3 span x 73' steel beam spans, ballast deck (drop-in) superstructure, and removal of existing beam span spans on four mainline tracks (2 UP, 2 BNSF). Substructure work includes reconstruction of piers. Other work includes modifications of existing handrail and spray on water proofing.

2. RETAINING WALLS

- a. RW. 37.02 – The work includes removal of existing reinforced concrete retaining wall and construction of a cast in place concrete retaining wall. Other work includes construction of handrail.
- b. RW. 37.34 – The work includes removal of a existing concrete block retaining wall and construction of a soldier pile retaining wall with precast concrete planks on drilled shaft foundations. Other work includes construction of handrail.

3. MISCELLANEOUS

- a. BACKFILL OF EXISTING ABANDONED STAIRWAYS (3 LOCATIONS) – The work includes removal of existing concrete slab covers, removal of concrete walls below subgrade, backfill with low strength concrete, construction of new reinforced concrete slabs and spray on waterproofing at three existing abandoned stairways.

- b. BACKFILL OF EXISTING ABANDONED BAGGAGE ELEVATOR SHAFT – The work includes removal of existing concrete slab covers, removal of concrete walls below subgrade, backfill with low strength concrete, construction of new reinforced concrete slabs and spray on waterproofing at one abandoned baggage elevator shaft. Other work will include construction of wall to retain backfill material.
- c. PLUG AND FILL EXISTING CULVERT – The work includes removal of existing concrete plug, excavation to locate end of culvert, construction of concrete plug, and filling culvert with a flowable concrete mix.