

**Colorado Department of Transportation  
Division of Transit and Rail**

***Advanced Guideway System Feasibility Study***

**REQUEST FOR FINANCIAL INFORMATION  
ADDENDUM 2**

**June 14, 2013**

The AGS Consultant Team has completed capital cost estimates for the various alignment and technology alternatives. The following is a corrected version of that Section 3.2.3.

**3.2.3 Minimum Operating Segment Costs**

The AGS Consultant Team is in the process of developing detailed system and operations/maintenance cost estimates for the various alignments and technologies. As of the date of the issuance of this RFFI, those detailed estimates have not been completed. However, the following data should provide the responder with a general idea of costs. As soon as detailed estimates are complete they will be forwarded to potential respondents.

**1. High Speed Steel Wheel on Steel Rail**

a. Capital

The AGS team has completed evaluating capital costs and has identified a preliminary cost of **\$31.92** billion for the full high speed steel wheel on rail system from Golden to ECRA. The preliminary cost for the MOS is **\$18.65** billion.

b. Operating Costs

Preliminary yearly operating costs range from \$81,500,000 to \$115,140,000, depending on the operation plan selected.

c. Operating Costs as Percentage of Farebox Revenues

Based on preliminary revenue estimates of \$64,840,000 to \$81,855,140, the Farebox Recovery Ratio is between 0.71 and 0.79.

**2. High Speed Maglev**

a. Capital

The AGS team has completed evaluating capital costs and has identified a preliminary cost of **\$25.04** billion for the full high speed maglev system from Golden to ECRA. The preliminary cost for the MOS is **\$13.53** billion.

b. Operating Costs

Preliminary yearly operating costs range from \$63,000,000 to \$89,000,000 depending on the operation plan selected.

c. Operating Costs as Percentage of Farebox Revenues

Based on preliminary revenue estimates of \$76,604,404, the Farebox Recovery Ratio is between 0.86 and 1.22.

**3. Medium Speed Maglev**

a. Capital

The AGS team has completed evaluating capital costs and has identified a preliminary cost of **\$10.98** billion for the full medium speed maglev system from Golden to ECRA. The preliminary cost for the MOS is **\$5.76** billion.

b. Operating Costs

Preliminary yearly operating costs range from \$75,100,000 to \$106,130,000 depending on the operation plan selected.

c. Operating Costs as Percentage of Farebox Revenues

**Based on preliminary revenue estimate of \$62,373,700, the Farebox Recovery Ratio is between 0.72 and 0.83.**