

## Scope of Work – Velocity Access Control System

### Statement of Work

This project addresses establishing the Hirsch Velocity Access Control System (Velocity) in selected Colorado Department of Transportation (CDOT) facilities visited by the public. In all instances new installed equipment, firmware and software shall be compatible with Velocity 3.5 and Card Credentialing established by CDOT. “New Installation of Velocity Access Control System Locations” table provides locations for bid. Only authorized and certified (direct to the manufacturer) channel partners (vendors) can bid all locations, or by Regions. Channel partners shall reside in the state of Colorado and demonstrate installation and service capabilities for all Regions listed as part of this scope of work. This project shall have a completion date no later than 30 June 2014.

**Vendors MUST be Hirsch-Certified to be eligible to receive bid award. Proof of this certification must be presented at the time of bid submission.**

### New Field Hardware Deployment and Coordination with Velocity 3.5 Centralized Server at CDOT HQ - Denver

1. Awarded vendor(s) shall coordinate with Region Project Manager for site visits to identified locations.
2. Provide and install Hirsch 8 door controller (Model MX8) with lock power supply at each location. Provide and install proximity card reader, electric strike, rex motion and door contact on a maximum of (8) doors at each location. Provide and install cabling from each door to controls.
3. Providing final connections to the main control equipment for the above referenced systems.
4. Programming of new panels and readers into the existing Velocity software. Provide both detailed scope of programming and perform programming of all new panels and readers into the existing Velocity Software including all associated time zones, roles, permissions, door groups, master door groups, command sets, credential templates, holidays, as it is required for the system to be functional and online with the head end Velocity Server.
5. To meet project deadline, provide up to 1 week of Hirsch Identive Professional Services to assist with programming and implementation of the head end coordinated with the Systems Administrators from CDOT.
  - a. The Engineering Facility in Region 2 has a standalone system. *Provide quote to merge database into the centralized Velocity Server.*
  - b. *Enlist Hirsch Professional Services to partner with the “awarded” channel partner to assist CDOT with planning for programming to include naming conventions, partitions of roles for remote locations, etc.)*
6. Provide and install Ethernet network cabling to Hirsch panel. It must meet the manufacturer’s specification.

7. Providing final testing and inspection for the above referenced systems.
8. Provide programming coordination between server head end and remote sites.
9. Provide project plan and schedule to meet 30 June 2014 completion date.
10. Provide a complete photo ID Badging system, including: Pan/Tilt/Zoom camera with Synchronized Flash, Tripod, and backdrop (Hirsch Model IDCAMKIT; Ultra Magic Card RIO 2e Printer (Hirsch IDP-MLR2E); Printer Rolls (Hirsch Model IDP-ML5-PR) at Headquarter locations in R2-Pueblo, R3-Grand Junction, and R5-Durango. *(For a Total of 3 of each models listed above.)*
  - a. Provide printer rolls and cards *Model PVC-CP-PW Printable Cards compatible with Proximity 125 kHz cards for 1,000 badges at each site.*
11. Provide multi-format proximity readers compatible with existing CDOT proximity cards. Readers shall utilize a single reader design offering for secure MIFARE, DesFire, SmartMX, ISO144A CSN with Wiegand and RS485 output, multi-format proximity. Touch Secure Mullion Series Reader Model 8010; Wall Mount Series Readers Model 8110.
12. Provide on-site, instructor-led Hirsch Factory trainings for:
  - a. 5 (five) system administrators and
  - b. 5 (five) access card providers
13. Provide a 1 year warranty on all instillation, equipment and software.

### **Vendor Qualifications**

14. Trained and certified in Velocity 3.5 equipment installation.
15. Provide Authorized Dealer Certificate and Certified Training Certificates of installers who will be working on this project

New Installation of Velocity Access Control System Locations

<p><b>Headquarters</b> 4670 N Holly Street Denver, CO 80216</p>	<p>HQ – North Holly</p>	<p><b>Region 3</b> 222 S 6<sup>th</sup> Street Grand Junction, CO 81501</p>	<p>Traffic – 1<sup>st</sup> Floor HQ – 3<sup>rd</sup> Floor EEO/Environmental – 3<sup>rd</sup> Floor</p>
<p><b>Camp George West</b> 15285 S Golden Road  Golden, CO 80401</p>	<p>Building 132, 43, 45 Building 47, 83</p>	<p>606 S 9<sup>th</sup> Street Grand Junction, CO 81501</p>	<p>GJ Maintenance HQ Engineering</p>
<p><b>Region 1</b>  18500 E Colfax Ave Aurora, CO 80011</p>	<p>Headquarters  Signal Shop Traffic Safety</p>	<p>2328 G Road Grand Junction, CO 81505</p>	<p>Materials Lab</p>
<p>4295 Zang Street Golden, CO 80401 3320 S Parker Road  Aurora, CO 80012</p>	<p>Equipment Shop  Golden Engineer Facility  Cherry Creek Engineer Facility</p>	<p>202 Centennial Street  Glenwood Spgs, CO 81610</p>	<p>Glenwood Springs Offices</p>
<p><b>Region 2</b> 905 Erie Avenue Pueblo, CO 81001</p>	<p>Pueblo HQ Complex Traffic Trailer Materials Lab</p>	<p>2420 N Townsend Ave Montrose, CO 81401</p>	<p>Montrose Offices</p>
<p>902 Erie Avenue Pueblo, CO 81001</p>	<p>Pueblo Offices</p>	<p>260 Ranney Street Craig, CO 81625</p>	<p>Craig HQ &amp; Engineers</p>
<p>1480 Quail Lake Loop Colorado Springs, CO 80906</p>	<p>Engineer Facility</p>	<p><b>Region 5</b> 3803 N. Main Avenue Durango, CO 81301</p>	<p>Durango HQ</p>
<p><b>Region 4</b> 450 B Avenue Limon, CO 80828</p>	<p>Limon Engineer Offices</p>	<p>20581 Hwy 160 West Durango, CO 81301</p>	<p>Maintenance HQ</p>
		<p>1205 West Avenue Alamosa, CO 81101</p>	<p>Alamosa Maintenance HQ &amp; Engineering</p>
		<p>401 Monrow Avenue Monte Vista, CO 81144</p>	<p>Monte Vista Offices</p>
		<p>80 Wharton Road South Fork, CO 81154</p>	<p>South Fork Offices</p>