

**Book 1 Exhibit A: Acronyms and Definitions**

## **A.0 Acronyms and Definitions**

As used in the Design Build Contract to which this Exhibit is attached, and in the other Contract Documents (unless otherwise specified therein), the following acronyms and terms shall have the meanings set forth below.

### **A.1 Acronyms**

AADT	Annual Average Daily Traffic
AAN	American Association of Nurserymen
AAP	AASHTO Accreditation Program
AAR	Association of American Railroads
AASHTO	American Association of State Highway & Transportation Officials
ABC	Aggregate Base Course
ACC	Alternative Configuration Concept
ACHP	Advisory Council on Historic Preservation
ACI	American Concrete Institute
ACM	Asbestos-Containing Material
ADA	Americans with Disabilities Act
ADAAG	Americans with Disabilities Act Accessibility Guidelines
ADT	Average Daily Traffic
AGC	Associated General Contractors of America, Inc.
AHJ	Authority having Jurisdiction
AI	Asphalt Institute
AIA	American Institute of Architects
AISC	American Institute of Steel Construction
AISI	American Iron & Steel Institute
AITC	American Institute of Timber Construction

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**Book 1 Exhibit A: Acronyms and Definitions**

AMRL	AASHTO Materials Reference Laboratory
ANSI	American National Standards Institute (formerly ASA and USASI)
APCD	Air Pollution Control Division
APEN	Air Pollution Emission Notice
ARA	American Railway Association
ARE	Additional Requested Element
AREA	American Railway Engineering Association
AREMA	American Railway Engineering & Maintenance Association
ARTBA	American Road & Transportation Builders Association
ASCE	American Society of Civil Engineering
ASCII	American Standard Code of Information Interchange
ASLA	American Society of Landscape Architects
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing & Materials
ATC	Alternative Technical Concepts
ATMS	Advanced Traffic Management System
ATR	Automatic Traffic Recorder
ATSSA	American Traffic Safety Services Association
AWG	American Wire Gauge
AWPA	American Wood Preservers' Association
AWS	American Welding Society
AWWA	American Water Works Association
BAFO	Best and Final Offer
BATCD	Basic and Temporary Configuration Diagram

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BMP	Best Management Practices
BNSF	BNSF Railway Company (formerly The Burlington Northern and Santa Fe Railway Company)
BTPD	Black Tailed Prairie Dog
BOS	Bus On Shoulders
BRT	Bus Rapid Transit
CADD	Computer-Assisted Drafting and Design
CBC	Concrete Box Culvert
CCA	Colorado Contractors Association
CCD	City and County of Denver
CCI	Construction Cost Index
CCR	Colorado Code of Regulations
CCTV	Closed Circuit Television
CAPCDQ	Colorado Air Pollution Control Division
CDNR	Colorado Department of Natural Resources
CD	Collector-Distributor
CDOT	Colorado Department of Transportation
CDOW	Colorado Division of Wildlife
CDPHE	Colorado Department of Public Health & Environment
CDPS	Colorado Discharge Permit System
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act, 42 U.S.C. §§ 9601, <i>et. seq.</i>
CFD	Computational Fluid Dynamics
CFR	Code of Federal Regulations
CHP	Colorado Highway Patrol

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CIH	Certified Industrial Hygienist
CIP	Cost in Place
CLOMR	Conditional Letter of Map Revision
CMS	Changeable Message Sign
COM	Communications
COTS	Conventional Off-the-Shelf
CP	Colorado Procedure
CPM	Critical Path Method
CPU	Central Processing Unit
CQMP	Construction Quality Management Plan
C.R.S.	Colorado Revised Statutes
CRAL	Construction of Relocation Acceptance Letter
CRSI	Concrete Reinforcing Steel Institute
CRT	Console Monitor (Cathode Ray Tube)
CSEO	Colorado State Engineer's Office
CSL	Crosshole Sonic Log
D/B	Design/Build
dB	Decibels
DBE	Disadvantaged Business Enterprise
DCS	Document Control System
DCS	Demonstration Control Strip
DRAL	Design of Relocation Acceptance Letter
DRCOG	Denver Regional Council of Governments
DRB	Dispute Resolution Board

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DTD	CDOT Division of Transportation Development
DTM	Digital Terrain Model
DWG	Drawing
EA	Environmental Assessment
ECM	Environmental Compliance Manager
EDB	Extended Detention Basin
ECP	Emissions Control Plan
ECS	Erosion Control Supervisor
ETC	Electronic Toll Collection
EEO	Equal Employment Opportunity
EIA	Electronic Industries Association
EIP	Environmental Investigation Plan
EIS	Environmental Impact Statement
EJMT	Eisenhower/Johnson Memorial Tunnel
EPA	(U.S.) Environmental Protection Agency
EPD	Escrowed Proposal Documents
ERP	Emergency Response Plan
ESAL	Equivalent Single Axle Load
ESB	Emerging Small Business
FACP	Fire Alarm Control Panel
FACWet	Functional Assessment of Colorado Wetlands
FAR	Federal Acquisition Regulation
FCMs	Fracture Critical Members
FEIS	Final Environmental Impact Statement

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FEMA	Federal Emergency Management Agency
FFSS	Fixed Fire Suppression System
FHWA	Federal Highway Administration
FIR	Field Inspection Review
FM	Factory Mutual
FRA	Federal Railroad Administration
FTP	File Transfer Protocol
GAAP	Generally Accepted Accounting Principles
GUI	Graphical User Interface
HASP	Health and Safety Plan
HBP	Hot Bituminous Pavement
HDPE	High-density polyethylene
HGL	Hydraulic Guidelines
HIRSYS	Hotline Information Retrieval System
HLMR	High Load Multi-rotational
HMA	Hot Mix Asphalt
HOV	High Occupancy Vehicle
HPTE	(CDOT) High Performance Transportation Enterprise
IEEE	Institute of Electrical & Electronics Engineers
IEQM	Independent Environmental Quality Manager
IES	Illuminating Engineering Society
IGA	Intergovernmental Agreement
IIMS	Incident Information Management System
IMP	Incident Management Plan

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IMSA	International Municipal Signal Association
INWMP	Integrated Noxious Weed Management Plan
IPCEA	Insulated Power Cable Engineers Association
IRI	International Roughness Index
ISA	Initial Site Assessment
ISDN	Integrated Services Digital Network
ISO	International Organization for Standards
ISP	Information or Internet Service Providers
ITC	Interface Terminal Cabinet
ITE	Institute of Transportation Engineers
ITP	Instructions to Proposers
ITS	Intelligent Transportation Systems
KW	Kilowatt
kV	Kilovolt
LAN	Local Area Network
LAPB	Link Access Protocol, Balanced
Lc	Length of Simple Curve
Ls	Length of Spiral Curve
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LLRU	Lowest Level Replaceable Unit
LFD	Load Factor Design
LFR	Load Factor Rating
LHD	Linear Heat Detector

**Book 1 Exhibit A: Acronyms and Definitions**

LOMR	Letter of Map Revision
LOS	Level of Service
LRFD	Load and Resistance Factor Design
LRFR	Load and Resistance Factor Rating
LS	Line Section
LTDS	Long-term design strength
MACM	Maximum Achievable Control Measures
MARV	Minimum average roll value
Mb	Megabit
Mbps	Megabits per Second
MBTA	Migratory Bird Treaty Act
MESA	Modified Environmental Site Assessment
MHT	Method for Handling Traffic
MIL	Military Specification
MIS	Management Information System
mm	millimeter
MMIS	Maintenance Management Information System
MMP	Materials Management Plan
MMU	Malfunction Management Unit
MOA	Memorandum of Agreement
MOT	Maintenance of Traffic
MOU	Memorandum of Understanding
mph	Miles per Hour
MS4	Municipal Separate Storm Sewer System

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MSE	Mechanically Stabilized Earth
MTIP	Materials Testing and Inspection Plan
MTTR	Mean Time to Respond
MUTCD	Manual on Uniform Traffic Control Devices
MW	Megawatt
NAD	North American Datum
NAVD	North American Vertical Datum
NBIS	National Bridge Inspection Standards
NBS	National Bureau of Standards
NCHRP	National Cooperative Highway Research Program
NCN	Nonconformance Notice
NCR	Nonconformance Report
NDRD	New Development and Redevelopment
NEC	National Electrical Code (NFPA-70)
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Policy Act
NESC	National Electrical Safety Code
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NGS	National Geodetic Survey
NHS	National Highway System
NICET	National Institute for Certification in Engineering Technologies
NIOSH	National Institute for Occupational Safety & Health
NIST	National Institute of Standards & Technology

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NPDES	National Pollution Discharge Elimination System
NSF	National Sanitation Foundation
NTCIP	National Transportation Communications for I.T.S. Protocol
NTP1	First Notice to Proceed
NTP2	Second Notice to Proceed
NTS	Not to Scale
OAHP	Office of Archaeology and Historic Preservation
OIS	Operator Interface Software
OIW	Operator Interface Workstations
OSHA	Occupational Safety & Health Administration
PCCP	Portland Cement Concrete Pavement
PCI	Prestressed Concrete Institute
PCO	Potential Change Order
PCP	Product Control Plan
PDA	Pile-Driving Analyzer or Personal Digital Assistant
PE	Professional Engineer, or, in the context of right-of-way, PE shall mean Permanent Easements
PET	Polyester
PG	Performance Grade
PGDH	A Policy on Geometric Design on Highways and Streets (AASHTO)
PI	Public Information
PIP	Public Information Plan
PIV	Peak Inverse Voltage
PLC	Programmable Logical Controllers
PLS	Professional Land Surveyor

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PM	Program Manager
POSS	Point of Slope Selection
PP	Polyester polypropylene
PPE	Personal Protective Equipment
PQCI	Process Quality Control Inspection
PQCT	Process Quality Control Testing
PRI	Pavement Rutting Index
psf	Pounds per square foot
PSI	Pavement Serviceability Index
PSQF	Permanent Stormwater Quality Facility
PSR	Pavement Serviceability Rating
Pt	Potential Transformer
PTFE	Polytetrafluoroethylene
PTI	Post-Tensioning Institute
PUC	Colorado Public Utilities Commission
PVC	Polyvinyl Chloride
PVI	Point of Vertical Intersection
PVT	Point of Vertical Tangency
PWR	Power
QA	Quality Assurance
QC	Quality Control
QCP	Quality Checkpoint
QM	Contractor's Quality Manager
QMO	Quality Management Oversight

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QMP	Quality Management Plan
QMS	Quality Management System
QPM	Quality Program Manual
QRD	Quality Records Database
R	Radius
RAQC	Regional Air Quality Council
RACM	Reasonable Achievable Control Measures
RAP	Recycled Asphalt Pavement
RCO	Request for Change Order
RCP	Reinforced Concrete Pipe
RCP	Request for Change Proposal
RCRA	Resource Conservation and Recovery Act, 42 U.S.C. §§ 6901 <u>et seq.</u>
RE	Railroad Easement
RECs	Recognized Environmental Conditions
RECAT	Regional Erosion Control Advisory Team
RFC	Released for Construction
RFP	Request for Proposals
RFQ	(CDOT) Request for Qualifications
RHM	Recognized Hazardous Material
RL	Reinforcement Length
ROD	Record of Decision
ROD 2	Record of Decision 2
ROM	Rough Order of Magnitude
ROW	Right-of-Way

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RSC	Rigid Steel Conduit
RTD	Regional Transportation District
RWIS	Roadway & Weather Information System
SAE	Society of Automotive Engineers
SAP	Sampling Analysis Plan
SBA	Small Business Administration
SBE	Small Business Enterprise
SCADA	Supervisory Control and Data Acquisition
SCP	Stormwater Construction Permit
SDEIS	Supplemental Draft Environmental Impact Statement
SHPO	State Historic Preservation Officer
SIA	Structure Inspection Assessment
SIC	Standard Industrial Code, U.S. Department of Labor
SI&A	Structural Inventory & Appraisal
SMA	Stone Matrix Asphalt
SMP	Safety Management Plan
SOQ	Statement of Qualifications
SPCC	Spill Prevention Control and Countermeasures (Plan)
SPCS	State Plane Coordinate System
SSPC	Steel Structures Painting Counsel
STD	Standard
STP	Shielded Twisted Pair
SWMP	Stormwater Management Plan
TCC	(CDOT) Traffic Communications Center

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TCP	Traffic Control Plan
TDM	Transportation Demand Management
TE	Temporary Easement
TFE	CDOT Furnished Equipment
TIC	(CDOT) Transportation Information Center
TIG	Tungsten Inert Gas
TL	Testing Level
TMP	Traffic Management Plan
TMS	Traffic Management System
TMSR	Traffic Management Strategy Report
TOC	(CDOT) Traffic Operations Center
TRB	Transportation Research Board (of National Research Council)
TYP	Typical
UDFCD	Urban Drainage and Flood Control District
UE	Utility Easement
UL	Underwriters Laboratories
UNCC	Utility Notification Center of Colorado
UPS	Uninterruptible Power Supply
URA	Utility Relocation Agreement
USACE	United States Army Corps of Engineers
USAFA	United States Air Force Academy
USASI	United States of America Standards Institute
U.S.C.	United States Code
USDOT	United States Department of Transportation

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USGS	United States Geological Survey
USFS	United States Forest Service
USFWS	United States Fish & Wildlife Service
V	Volt
Vc	Length of Vertical Curve
VDS	Vehicle Detection System
VE	Value Engineering
VECP	Value Engineering Change Proposal
VM	Video Monitor
VMA	Voids in the Mineral Aggregate
VMS	Variable Message Sign
WAQTC	Western Alliance for Quality Transportation Construction
WQCV	Water Quality Capture Volume
WBS	Work Breakdown Structure
WDP	Workforce Development Plan
WPA	Works Progress Administration
WQCD	Water Quality Control Division, Colorado Department of Public Health & Environment
WTVI	Working Time Violations Incident

**Book 1 Exhibit A: Acronyms and Definitions**

**A.2 Definitions**

<b>Abandonment</b>	As related to Utilities, shall have the meaning set forth in the executed URAs included in the Reference Documents.
<b>Acceleration Costs</b>	Shall mean those fully documented increased costs reasonably incurred by the Contractor; (i.e., costs over and above what the Contractor would otherwise have incurred) which are directly attributable to increasing the performance level of the Work in an attempt to complete necessary Activities of the Work earlier than otherwise anticipated, such as for additional equipment, additional crews, lost productivity, overtime and shift premiums, increased supervision, and any unexpected movement of materials, equipment, or crews necessary for resequencing in connection with acceleration efforts.
<b>Accept or Acceptance</b>	Formal conditional determination in writing by the CDOT Project Manager that a particular matter or item appears to meet the requirements of the Contract Documents.
<b>Activity</b>	Parts of the Work including finished products or functional processes required as subcomponents of the Work Breakdown Structure, as defined by the Contractor.
<b>Additional Requested Elements</b>	The meaning set forth in Book 2, Section 1
<b>Affected Area</b>	As related to mined land reclamation, the total disturbed surface of a pit or quarry such as sand, gravel, topsoil, or borrow, that is being mined or will be mined. The area includes, but is not limited to, the excavation area, plant, and stockpile areas, parking and storage areas, and the haul roads.

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<b>Affiliate</b>	<p>(1) Any Person that directly or indirectly through one or more intermediaries controls, or is controlled by, or is under common control with the: (i) Contractor or (ii) any Major Participant; and</p> <p>(2) Any Person for which 10% or more of the equity interest in such Person is held directly or indirectly, beneficially, or of record by the: (i) Contractor, (ii) any Major Participant, or (iii) any Affiliate of the Contractor under Part (1) of this definition.</p> <p>For purposes of this definition, the term “control” means the possession, directly or indirectly, of the power to cause the direction of the management of a Person, whether through voting securities, by contract, family relationship, or otherwise.</p>
<b>Alternative Technical Concepts</b>	The meaning set forth in Section 2.3.1 of the Instructions to Proposers.
<b>Apparent Selected Proposer</b>	Shall have the meaning set forth in Section 2.8 of the Instructions to Proposers.
<b>Applicable Laws</b>	See Legal Requirements.
<b>Application for Final Payment</b>	The application described in Book 1, Section 11.6.1.
<b>Approve or Approval</b>	Formal conditional determination in writing by the CDOT Project Director that a particular matter or item is good or satisfactory for the Project.
<b>Architectural and Engineering Services</b>	All Work relating to the design, including preparation and interpretation of architectural and engineering plans and specifications, development of design solutions for conformance with all codes and public safety requirements and other design related decision-making, and any other activities, collectively, which are required to be practiced by an architect or engineer in accordance with the laws of the State of Colorado.
<b>As-Built</b>	Revised set of drawing submitted by a Contractor upon completion of the Project or a particular job. They reflect all changes made in the specifications and working drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the contract.
<b>As-Built Documents</b>	The documents to be provided by the Contractor as described in Book 2, Section 2.

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<b>As-Built Schedule</b>	The meaning set forth in Book 2, Section 2
<b>Backfill</b>	Material used to replace or the act of replacing material removed during construction.
<b>Base Course</b>	One or more layers of specified material and thickness placed on a subbase or a subgrade to support a surface course.
<b>Basic Configuration</b>	The elements defining the Project as set forth in Book 2, Section 1.2, subject to any permitted modifications thereto contained in the Proposal Documents.
<b>Betterment</b>	As related to Utilities, a betterment is generally defined as the upgrading; (e.g. increase in capacity) of a Utility being relocated that is not attributable to the construction of the Project or is made solely for the benefit of and at the election of the Utility Owner (not including a technology improvement which can be implemented at a cost equal to or less than the cost of a “like for like” replacement or relocation). The use of new materials or compliance with current standards in the performance of the Utility Work is not considered a Betterment.
<b>Bid Opening</b>	
<b>Blue Book</b>	The meaning set forth in Book 1, Section 13.7.3.1.
<b>Book 1</b>	The Contract Document designated as Book 1 in the RFP.
<b>Book 2</b>	The Contract Document designated as Book 2 in the RFP.
<b>Book 3</b>	The Contract Document designated as Book 3 in the RFP.
<b>Book 4</b>	The Contract Document designated as Book 4 in the RFP.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Bridge</b>	<p>A structure, including supports, erected over a depression or an obstruction such as water, highway, or railroad, and having a track or passageway for carrying traffic or other moving loads and having a length measured along the center of roadway of more than 20 feet (6 m) between undercopings of abutments or extreme ends of openings for multiple boxes.</p> <p><i>Length.</i> The length of a bridge structure is the over-all length measured along the line of survey stationing back to back of backwalls of abutments, if present, otherwise, end to end of the bridge floor; but in no case less than the total clear opening of the structure.</p> <p><i>Roadway Width.</i> The clear width measured at right angles to the longitudinal centerline of the bridge between the bottom of curbs or guard timbers, or in the case of multiple heights of curbs, between the bottoms of the lower risers.</p>
<b>Calendar Day</b>	Each and every day shown on the calendar, beginning and ending at midnight.
<b>CDOT</b>	The Project Director for the Project, acting directly or through a representative authorized in writing, who is responsible for administrative supervision of the Project; or the State of Colorado for the use and benefit of the Department of Transportation, whichever the context requires.

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<b>CDOT-Caused Delays</b>	Unavoidable delays, to the extent that they affect the Critical Path, arising from the following matters and no others:  a. A suspension order pursuant to Book 1, Section 14.1;  b. CDOT-Directed Changes;  c. Failure or inability of CDOT to provide the Contractor with access to ROW identified on the ROW Plans on or before the deadline for such access set forth in the ROW Access Schedule;  d. Failure or inability of CDOT to provide responses to proposed schedules, design submittals and other submittals and matters for which response by CDOT is required, within the time periods indicated in the Contract Documents;  e. Uncovering, removing, and restoring Work, to the extent provided in Book 1, Section 5.5.3;  f. Delay in issuance of NTP2 or provision of reasons why it was unable to do so to the extent provided in Book 1, Section 4.2.2;  g. Any improper action by CDOT as representative with binding authority, as specified in Book 1, or improper failure to act by CDOT within a reasonable time after delivery of notice by the Contractor to CDOT requesting such action; and  h. Any court order to suspend Work shall not be considered a CDOT-Caused Delay (although it may qualify as a Force Majeure event) despite the fact that CDOT may specifically direct the Contractor to comply with the court order.
<b>CDOT-Directed Changes</b>	Any changes in the Work (including changes in the standards applicable to the Work), which CDOT has directed the Contractor to perform as described in Book 1, Section 13.
<b>CDOT Project Manager</b>	The person designated by CDOT to direct the Project and to receive delivery of notices to CDOT per Book 1, Section 24.9.1.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Certificate of Compliance</b>	A certification, including a signature by a person having legal authority to act for the manufacturer, stating that the product or assembly to be incorporated into the Project was fabricated in accordance with and meets the applicable requirements of the Contract Documents, or verifying the quality and quantity of material delivered which shall be accepted by the Contractor, whichever is applicable.
<b>Certified Invoice</b>	Any invoice or billing endorsed by the Contractor, certifying that material, specialty work, subcontract work, rental, lease, services, etc. were acquired for the Project and that the invoiced or billed amount represents the actual costs.
<b>Certified Test Report</b>	A test report from the manufacturer or an independent testing laboratory, including a signature by a person having legal authority to act for the manufacturer or the independent testing laboratory stating that the test results show that the product or assembly to be incorporated into the Project has been sampled and tested and the samples have passed all specified tests.
<b>Change Order</b>	The meaning set forth in Book 1, Section 13.1.1.1.
<b>Claim</b>	A separate demand by the Contractor for: (i) a time extension which is disputed by CDOT, or (ii) payment of money or damages arising from work done by or on behalf of the Contractor in connection with the Contract which is disputed by CDOT. A claim will cease to be a Claim upon resolution thereof, including resolution by delivery of a Change Order or Contract amendment signed by all parties.
<b>Commercial Vehicle(s)</b>	A vehicle used on highways, in interstate commerce, that meets one of the following criteria: (i) has a Gross Vehicle Weight Rating (GVWR) or Gross Combination Weight Rating (GCWR), or gross vehicle weight or gross combination weight of 10,001 pounds or more, whichever is greater; (ii) is designed to transport more than eight passengers (including the driver) for compensation; (iii) is designed to transport 16 or more people, including the driver and is not used to transport passengers for compensation; (iv) functions to transport hazardous materials in quantities requiring the vehicle to be placarded.
<b>Completion Deadlines</b>	Any or all of the following deadlines, depending on the context: the Completion Deadline and the Final Acceptance Deadline.
<b>Construction Acceptance Test</b>	The meaning set forth in Book 2, Section 19.14.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Constructive</b>	When used in connection with the terms “change in the Work,” “delay,” “suspension,” or “acceleration,” that change in the Work, delay, suspension, or acceleration which, but for the express terms of the Contract Documents, could be inferred or implied at law.
<b>Contaminated Groundwater</b>	Extracted groundwater including contaminants above legally-permitted discharge levels so as to require treatment prior to re-use or disposal. Contaminated groundwater, which may legally be re-used without treatment, including use for dust control, or which merely requires dilution prior to re-use or disposal, shall specifically be excluded from the definition.
<b>Contaminated Soils</b>	Soils containing Hazardous Substance constituents in an amount above the applicable CDPHE remediation levels, and less than the amounts set forth in 40 CFR, Part 261.
<b>Contract</b>	Depending on the context: (i) the Design/Build Contract, or (ii) collectively, the Contract Documents, which establish the rights and obligations of CDOT and the Contractor.
<b>Contract Deadlines</b>	The deadlines set forth in Book 1, Section 4.3
<b>Contract Documents</b>	The meaning set forth in Book 1, Section 1.2.
<b>Contract Drawings</b>	The drawings included in Book 4, including the ROW Plans.
<b>Contract Price</b>	The meaning set forth in Book 1, Section 11.1.1.
<b>Contract Schedule</b>	The meaning set forth in Book 2, Section 2.
<b>Contractor</b>	The meaning set forth in the first page of Book 1.
<b>Contractor-Related Entities</b>	Contractor, Major Participants, Subcontractors, their employees, agents and officers and all other Persons for whom Contractor may be legally or contractually responsible.
<b>Contractor Specifications</b>	The specifications describing the Work that are developed by the Contractor.
<b>Contractor’s Engineer</b>	A professional engineer registered in the State of Colorado who is responsible for engineering and administrative supervision of the Project on behalf of the Contractor, who is either an employee of the Contractor, or a consulting engineer under contract to the Contractor.
<b>Contractor-Relocated Utility</b>	The allocation of responsibility for Utility Work to the Contractor.

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<b>Contractor's Utility Tracking Report</b>	The report regarding Utilities likely to be impacted by the Project which the Contractor shall maintain on a current basis, and which the Contractor shall periodically submit to CDOT, as more particularly described in Book 2, Section 7.4.2.
<b>Control Room</b>	The room associated with the control of CCTV, fans, and electrical subsystems located in the East Ventilation Building of the EJMT complex.
<b>County</b>	Summit County and Clear Creek County.
<b>Critical Path</b>	The precedence of activities with total Float less than or equal to zero on each applicable Contract Schedule.
<b>Cross Drain</b>	Pipes or culverts that convey flow from one side of the road to the other, and are typically open on each end. Also known as a cross culvert.
<b>Current Initial Schedule</b>	The meaning set forth in Book 2, Section 2.
<b>Day</b>	The meaning set forth in Book 1, Section 1.8.
<b>Defect or Defective Condition</b>	Nonconforming Work.
<b>Delay and Disruption Damages</b>	The meaning set forth in Book 1, Section 13.5.2.
<b>Department</b>	The Colorado Department of Transportation.
<b>Design Configuration Acceptance Test</b>	The meaning set forth in Book 2, Section 19.14.
<b>Design Build Contract</b>	That certain Design Build Contract (the EJMT FFSS Design Build Project) executed by CDOT and the Contractor (to which this Exhibit A is attached), and any and all amendments thereto.
<b>Design Build Processes</b>	
<b>Design Documents</b>	All drawings (including plans, elevations, sections, details, and diagrams), specifications, reports, calculations and records, at any stage of development or revision necessary for design of the Project in accordance with the Contract Documents.

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<b>Differing Site Conditions</b>	"Differing Site Conditions" shall mean (a) subsurface or latent conditions encountered at the exact boring holes identified in the geotechnical reports included in Book 3, which differ materially from those conditions indicated in the geotechnical reports for such boring holes, or (b) physical conditions of an unusual nature, differing materially from those ordinarily encountered in the area and generally recognized as inherent in the type of work provided for in the Contract. The term shall specifically exclude all such conditions of which Contractor had actual or constructive knowledge as of the Proposal Due Date. The foregoing definition specifically excludes (x) Utility facilities, (y) Hazardous Substances and (z) any conditions which constitute or are caused by a Force Majeure event.
<b>Directive Letter</b>	The letter described in Book 1, Section 13.1.1.2.
<b>Disadvantaged Business Enterprise</b>	The meaning set forth in Exhibit A, Book 2, Section 20.
<b>Dispute</b>	The meaning set forth in Book 1, Section 19.2.
<b>East Ventilation Building</b>	The east portal of the EJMT. The East Ventilation Building houses the supply and exhaust fans for the east side of the tunnel. In addition, the East Ventilation Building contains the Control Room for the EJMT complex.
<b>Effective Date</b>	The date of execution of the Contract by CDOT.
<b>Emerging Small Business</b>	A firm certified by CDOT to participate in CDOT's ESB Program and listed in the then current ESB Directory.
<b>Emerging Small Business/ESB Directory</b>	The list of ESBs, available online at <a href="http://www.coloradodot.info/content/business/eeo/ESBDirectory.pdf">http://www.coloradodot.info/content/business/eeo/ESBDirectory.pdf</a> .
<b>Engineer</b>	See "Contractor's Engineer." The Contractor acknowledges and agrees that CDOT will be responsible for certain oversight and other matters with respect to the Project, and that as a result certain rights in favor of the Engineer may be exercised by and inure to the benefit of CDOT rather than the Contractor's Engineer. In the event any question arises regarding whether any such rights are applicable to CDOT or how to apply such rights, CDOT's interpretation regarding such matter shall control.
<b>Environmental Approvals</b>	The Reevaluation, SB 40 Certification, and any others for the Project identified in Book 2, Section 5.

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>Environmental Compliance Work Plan</b>	The meaning set forth in Book 2, Section 5.
<b>Environmental Laws</b>	All Legal Requirements now or hereafter in effect relating to the environment or to emissions, discharges, releases, or threatened releases of Hazardous Substances into the environment, including into the air, surface water or groundwater, or onto land, or relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport, or handling of Hazardous Substances or otherwise relating to the protection of public health, public welfare, or the natural environment (including protection of nonhuman forms of life, land, surface water, groundwater, and air), including the statutes listed in the definition of Hazardous Substances; the National Environmental Policy Act, as amended, 42 U.S.C. §§ 4321 <i>et seq.</i> ; the Occupational Safety and Health Act, as amended, 29 U.S.C. §§ 651 <i>et seq.</i> ; and the Hazardous Materials Transportation Act, as amended, 49 App. U.S.C. §§ 1801; the Endangered Species Act, as amended, 16 U.S.C. §§ 1531 <i>et seq.</i> ; the Clean Water Act, 33 U.S.C. §§ 1251, <i>et seq.</i> ; the Safe Drinking Water Act, 42 U.S.C. §§ 300f, <i>et seq.</i> ; the Migratory Bird Treaty Act, 16 U.S.C. §§ 703 <i>et seq.</i> ; and the Eagle Protection Act, 16 U.S.C. § 668, each as amended.
<b>Equipment</b>	All machinery, tools, and apparatus together with supplies for upkeep and maintenance, necessary for the proper construction and acceptable completion of the Work.
<b>Error</b>	An error, omission, inconsistency, inaccuracy, deficiency or other defect.
<b>Escrowed Proposal Documents</b>	The meaning set forth in Book 1, Section 22.1.
<b>Event of Default</b>	A default as described in Book 1, Section 16.1.1, following notice and opportunity to cure to the extent permitted by Book 1, Section 16.1.2 and issuance by CDOT of notice that an Event of Default has occurred.
<b>Feasibility Test</b>	The meaning set forth in Book 2, Section 19.14.
<b>Federal Requirements</b>	All Legal Requirements applicable to work financed with federal funds and the provisions required to be included in FHWA-assisted contracts, including the provisions set forth in Book 1, Exhibit C.
<b>FFSS Short-Term Operations Period</b>	The meaning set forth in Book 2, Section 19.17.
<b>Field Material Manual</b>	Colorado Department of Transportation 2014 Field Materials Manual

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>Final Acceptance</b>	Acceptance of the Project as described in Book 1, Section 20.6
<b>Final Completion</b>	Final Completion as defined in Book 1, Section 20.
<b>First Notice to Proceed (NTP1)</b>	A first written notice issued by CDOT to the Contractor to proceed with certain limited Work on the date specified therein.
<b>Fixed Price/Best Design Approach</b>	The best value selection method set forth in 23 C.F.R., Part 627, et.al.
<b>Float</b>	The meaning set forth in Book 2, Section 2.1.3.2.8
<b>Force Majeure</b>	For purposes of a Contract Price increase, the meaning set forth in Book 1, Section 13.3.1.1. For purposes of Contractor's entitlement to a time extension, the meaning set forth in Book 1, Section 13.3.1.2.
<b>General Layout Drawing</b>	A drawing depicting the Plan View, the Longitudinal Section, a Profile Diagram and a Typical Section for a given structure.
<b>Governmental Approval</b>	Any approval, authorization, certification, consent, decision, exemption, filing, lease, license, permit, agreement, concession, grant, franchise, registration or ruling, required by or with any Governmental Person in order to design and construct the Project.
<b>Governmental Person</b>	Any federal, state, local or foreign government and any political subdivision or any governmental, quasi-governmental, judicial, public or statutory instrumentality, administrative agency, authority, body or entity. The term includes the State of Colorado and agencies and subdivisions thereof, other than the Department of Transportation.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Hazardous Substances</b>	Any of the following:  a. Substance, product, waste or other material of any nature whatsoever which is or becomes listed, regulated, or addressed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, 42 USC Section 9601, et seq. ("CERCLA"); the Hazardous Materials Transportation Act, 49 USC Section 1801, et seq.; the Resource Conservation and Recovery Act, 42 USC Section 6901 et seq. ("RCRA"); the Toxic Substances Control Act, 15 USC Sections 2601 et seq.; the Clean Water Act, 33 USC Sections 1251 et seq.; the Clean Air Act, 42 USC Sections 7401 et seq.; all as amended, or any other federal, state or local statute, law, ordinance, resolution, code, rule, regulation, order or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic or dangerous waste, substance or material, as now or at any time hereafter in effect,  b. Any substance, product, waste or other material of any nature whatsoever which may give rise to liability under any of the above statutes or under any statutory or common law theory based on negligence, trespass, intentional tort, nuisance or strict liability or under any reported decisions of a state or federal court,  c. Petroleum or crude oil excluding de minimis amounts and excluding petroleum and petroleum products contained within regularly operated motor vehicles, and  d. Asbestos or asbestos-containing materials in structures and or other improvements on or in the Site (other than mineral asbestos naturally occurring in the ground).
<b>Highway, freeway, street, or road</b>	A general term denoting a public way for purposes of vehicular travel, including the entire area within the ROW.
<b>Holidays</b>	New Year's Day, Dr. Martin Luther King, Jr.'s Birthday (observed), Washington-Lincoln Day, Cesar Chavez Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. When New Year's Day, Cesar Chavez Day, Independence Day or Christmas Day falls on Sunday, the following Monday shall be considered a Holiday. When one of these days falls on a Saturday, the preceding Friday shall be considered a Holiday. Additional legal holidays, when designated by the Governor of the State of Colorado or the President of the United States will also be included as Holidays.

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>CDOT Offices</b>	The meaning set forth in Book 2, Section 2.
<b>Incidental Utility Work</b>	The meaning set forth in the executed URAs included in the Reference Documents.
<b>Including, or including, includes, included</b>	All references in the Contract Documents to “Including” or “including” shall mean “including, but not limited to”.
<b>Incremental Costs</b>	Those costs, if any, which the Contractor incurs as a result of a particular circumstance, which the Contractor would not have incurred but for the circumstance. In determining such costs, one would determine the total cost that the Contractor would have incurred had the circumstance not occurred, and subtract such amount from the costs actually incurred; the difference is the “increment.” (For example, if the Contractor originally has to relocate three water lines, and a fourth water line is discovered in the same general area which can be relocated by the same crew, then if the Contractor is entitled (pursuant to Book 1, Section 13) to a Change Order increasing the Contract Price on account of such newly discovered water line, CDOT will be charged with only the costs of keeping the crew working the additional time to relocate the fourth water line, and will not be charged any portion of the expense of moving the crew to the site in the first place.)
<b>Indemnified Parties</b>	The meaning set forth in Book 1, Section 18.1.1.
<b>Independent Assurance</b>	The meaning set forth in Book 2, Section 3.
<b>Initial Schedule</b>	The meaning set forth in Book 2, Section 2.
<b>Inspection</b>	The act of viewing or looking carefully at construction, manufacturing, design, and maintenance practices, processes, and products, including document control and shop drawing review, to ensure that the practices, processes, and products comply with the quality requirements contained in the Contract Documents.
<b>Interim Acceptance</b>	Acceptance of the Project as described in Book 1, Section 20.1.4
<b>Materials Testing and Inspection Plan</b>	The meaning set forth in Book 2, Section 3.
<b>Inspector or Inspector</b>	The Contractor’s authorized representative assigned to perform inspection of Contract performance.
<b>Instructions to Proposers</b>	The RFP Document identified as Instructions to Proposers.

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>Key Personnel</b>	The persons listed on Contract Exhibit D, subject to revision in accordance with the Contract Documents.
<b>Laboratory</b>	The testing laboratory of the Contractor, CDOT, or any other certified testing laboratory.
<b>Landscape and Aesthetics</b>	The design and visual treatment of Project elements and components comprising landscaping for the highway ROW, architectural treatment of bridges and Structures with their adjacent environments, retaining and noise wall patterning, parking structures, site furnishings and lighting and slope paving.
<b>Landscape Acceptance</b>	The meaning set forth in Book 2, Section 17.
<b>Landscape Establishment Period</b>	The meaning set forth in the Standard Specifications
<b>Late Finish Cost Schedule</b>	The late start dates set forth on each applicable Contract Schedule, subject to revision in connection with any Change Orders, which revise the Contract Schedules.
<b>Legal Requirements</b>	All applicable federal, state and local laws, codes, ordinances, rules, regulations, judgments, decrees, directives, guidelines, policy requirements, orders and decrees of any Governmental Person having jurisdiction over the Project or Site, the practices involved in the Project or Site, any Work, or any Utility Work being performed by a Utility Owner. The term "Legal Requirements" does not include Governmental Approvals.
<b>Lien</b>	Any pledge, lien, security interest, mortgage, deed of trust or other charge or encumbrance of any kind, or any other type of preferential arrangement (including any agreement to give any of the foregoing, any conditional sale or other title retention agreement, any lease in the nature of a security instrument, and the filing of or agreement to file any financing statement or other instrument intended to perfect a security interest).
<b>Liquidated Damages</b>	The damages described in Book 1, Section 17.1.
<b>M&amp;S Standard Plans</b>	Colorado Department of Transportation 2012 M&S Standards Plan List Sheet

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Major Participant</b>	Any of the following entities: all general partners or joint venture members of Proposer; all individuals, persons, proprietorships, partnerships, limited liability partnerships, corporations, professional corporations, limited liability companies, business associations, or other legal entity however organized, holding (directly or indirectly) a 25 percent or greater interest in Proposer; any Subcontractor that will perform Work valued at 30 percent or more of the overall Contract amount; the lead engineering/design firm(s); and each engineering/design subconsultant that will perform 30 percent or more of the design Work.
<b>Materials</b>	All components required for use in the construction of the Project.
<b>Maximum Price</b>	The Maximum Price is the costs submitted on Form J of the Instructions to Proposers.
<b>Monthly Progress Schedule</b>	The meaning set forth in Book 2, Section 2
<b>Multi-Use Trail</b>	A trail that accommodates various travel modes.
<b>Necessary Design Change</b>	The meaning set forth in Book 1, Section 2.4.3.
<b>New Environmental Approval</b>	Any of the following:  a. A new Governmental Approval of the same type as an Environmental Approval; and  b. A renewal, revision, modification or amendment to one or more of the Environmental Approvals.
<b>Nonconformance Report (NCR)</b>	The report described in Book 2, Section 3.
<b>Nonconforming Work</b>	Work performed that does not meet the requirements of the Contract Documents.
<b>Nonconforming Work Notice (NWN)</b>	The notice described in Book 2, Section 3.
<b>Notice of Final Acceptance</b>	The notice delivered to the Contractor under Book 1, Section 20.6 stating that final CDOT acceptance of the Project has occurred.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Notice of Termination (or Partial Termination)</b>	A notice issued by CDOT to terminate the Contract and the performance of Work by the Contractor, either in whole or in part, pursuant to Book 1, Section 15.
<b>NTP1 Payment Cap</b>	The amount of \$750,000
<b>Original Initial Schedule</b>	The meaning set forth in Book 2, Section 2.
<b>Overburden</b>	Any material that overlays material designated for road or bridge construction.
<b>Pavement Structure</b>	The combination of one or more of the following courses placed on a subgrade to support and distribute the traffic load to the roadbed.  <i>Subbase.</i> The layer or layers of specified or selected material placed on a subgrade to support a base course, surface course, or both.  <i>Base Course.</i> The layer or layers of specified or selected material placed on a subbase or a subgrade to support a surface course.  <i>Surface Course.</i> One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called “Wearing Course.”
<b>Payment Bond</b>	The payment bond described in Book 1, Section 8.2.
<b>PCO Notice</b>	The potential change order notice described in Book 1, Section 13.3.
<b>Performance Bond</b>	The performance bond described in Book 1, Section 8.2.
<b>Permission to Enter Property Forms</b>	The meaning set forth in Book 2, Section 8.
<b>Person</b>	Any individual, corporation, company, voluntary association, partnership, trust, unincorporated organization, or Governmental Person, including CDOT.
<b>Preliminary Initial Schedule</b>	The meaning set forth in Book 2, Section 2.
<b>Price Proposals</b>	
<b>Profile Grade</b>	The trace of a vertical plane usually intersecting the top surface of the proposed rail or wearing surface and usually along the longitudinal centerline of the roadbed. Profile grade means either elevation or gradient of such trace according to the context.

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>Project</b>	The EJMT FFSS Design Build Project as more specifically described in Book 2, Section 1, the Contractor's Proposal and all Work to be provided by the Contractor as a condition to Final Acceptance.
<b>Project Completion Deadline</b>	Achievement of all Work necessary to meet the Project Completion Deadline as described in Book 1, Section 4.3.
<b>Project Control Diagram</b>	The meaning set forth in Book 2, Section 9.
<b>Project Manager</b>	The person designated by the Contractor to supervise the Project Persons performing Work, and to receive delivery of notices to the Contractor per Book 1, Section 24.9.1.
<b>Project Survey Coordinator</b>	The meaning set forth in Book 2, Section 9.
<b>Property Management Plan</b>	The meaning set forth in Book 2, Section 8.
<b>Proposal or Proposal Documents</b>	Those documents constituting the Contractor's proposal in response to the RFP, including any best and final offers or supplements to proposals as may have been requested by CDOT.
<b>Proposal Due Date</b>	The date the Proposal was due as specified in the Instructions to Proposers.
<b>Proposer</b>	An individual, firm, partnership, corporation, joint venture, or combination thereof that was shortlisted under CDOT's Request for Qualifications issued on September 19, 2013, and in consideration of any addendums to such, and that submits a proposal in response to the RFP.
<b>Proposer's Price</b>	The price included by the Proposer in Form J.
<b>Protection-in-Place or Protect-in-Place</b>	Any Activity undertaken to avoid damaging a Utility which does not involve removing or relocating that Utility, including staking the location of a Utility, avoidance of a Utility's location by construction equipment, installing steel plating or concrete slabs, encasement in concrete, temporarily de-energizing power lines, and installing physical barriers, per Utility Owner's requirements as necessary to ensure their safe operation and structural integrity. For example, temporarily lifting power lines without cutting them would be considered Protection in Place; whereas temporarily moving power lines to another location after cutting them would be considered a temporary Relocation.

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**Book 1 Exhibit A: Acronyms and Definitions**

<b>Public Information Plan</b>	The plan provided by the Contractor and Approved by CDOT as described in Book 2, Section 4.
<b>Punch List</b>	The list of Work items with respect to the Project which remain to be completed after achievement of each Milestone Completion, each Segment Completion, or the Project Completion, generally limited to minor incidental items of Work necessary to correct imperfections which have no adverse effect on the safety or operability of the Project.
<b>Qualified Professional</b>	A person knowledgeable in the principles and practice of construction and project management, such as a licensed professional engineer, or certified professional in construction management or project management.
<b>Quality Assurance (QA)</b>	All those planned and systematic actions necessary for the Contractor to certify to CDOT that all Work fully complies with the requirements of the Contract Documents and that all materials incorporated in the Work, all equipment used, and all elements of the Work will perform satisfactorily for the purpose(s) intended.
<b>Quality Control (QC)</b>	The activities performed by the Contractor, designer, producer or manufacturer to ensure and document that a product meets the requirements of the Contract Documents. Activities may include checking, materials handling and construction procedures, calibrations and maintenance of equipment, shop drawing review, document control, production process control, and any sampling, testing, and inspection done for these purposes.
<b>Quality Program Manual</b>	The plan provided by the Contractor and Approved by CDOT as described in Book 2, Section 3 (or, prior to such Approval, the draft quality program manual included with the Proposal Documents).
<b>Owner-Relocated Utility</b>	The allocation of responsibility for Utility Work to the Utility Owner.
<b>Real-Time Notice</b>	Information about construction activities as they happen. This information will be disseminated to stakeholders through a variety of tools to give them access to current Project conditions.
<b>Recognized Hazardous Materials</b>	The meaning set forth in Book 2, Section 5.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Record Set</b>	A reproduction of a drawing or set of drawings, design calculations, or other record of engineering work required to be performed by the Contractor's Engineer in accordance with the Rules of Procedures of the State Board of Registration for Professional Engineers and Land Surveyors.
<b>Recovery Schedule</b>	The schedule described in Book 2, Section 2, and which Contractor is required to provide under Book 1, Section 4.5.
<b>Reference Documents</b>	The RFP Documents designated as Reference Documents, and described in Book 1, Section 1.4.
<b>Released for Construction Documents</b>	The drawings (including plans, elevations, sections, details, and diagrams), specifications, shop drawings, drawings, samples, reports and calculations approved by the Contractor for construction as required by Book 2, Section 3.
<b>Relocation or Relocate</b>	As related to Utilities, each removal, transfer of location, Abandonment and/or providing temporary services as necessary, of any and all Utilities that is necessary or advisable in order to accommodate or permit construction of the Project.
<b>Remediation Work</b>	After determination by the Contractor that a Hazardous Substance(s) exists, sampling, treatment, and/or off-Site disposal of Hazardous Substances and materials containing Hazardous Substances, as Approved by CDOT and in accordance with Book 2, Section 5.
<b>Request for Change Order (RCO)</b>	A Contractor-initiated request for a change order under Book 1, Section 13.3.
<b>Request for Change Proposal (RCP)</b>	A proposal issued by CDOT under Book 1, Section 13.2.1.
<b>Request for Proposals</b>	The Request for Proposals for the EJMT FFSS Design Build Project issued by CDOT on January 13, 2014 including all addenda thereto.
<b>Responsible Charge</b>	Personal responsibility for the control and direction of engineering work within a professional engineer's scope of competence.
<b>Retainage</b>	The meaning set forth in Book 2, Section 20, Exhibit A.
<b>Review</b>	A general term denoting CDOT's ability to monitor the Contractor's progress throughout the Project. The term Review should not be considered a contractual requirement for CDOT to respond.
<b>Revised Baseline Schedule</b>	The meaning set forth in Book 2, Section 2.

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<b>RFP Documents</b>	The documents listed in ITP Section 1.2.
<b>Right-of-Way</b>	The real property and property interests provided by CDOT, or any City or County (through agreements with CDOT) necessary for ownership and operation of the Project.
<b>Road</b>	A general term denoting a public way for purposes of vehicular travel, including the entire area within the ROW.
<b>Roadbed</b>	The graded portion of highway within top and side slopes, prepared as a foundation for the pavement structure and shoulders.
<b>Roadbed Material</b>	Material in cuts, embankments, and in embankment foundations from the subgrade down that supports the pavement structure.
<b>Roadside</b>	A general term denoting the area adjoining the outer edge of the roadway. Extensive areas between the roadways of a divided highway may also be considered roadside.
<b>Roadside Development</b>	Those items necessary for the preservation of landscape materials and features. The rehabilitation and protection against erosion of all areas disturbed by construction through seeding, sodding, mulching and the placing of other ground covers. Suitable planting and other improvements as may increase the effectiveness and enhance the appearance of the highway.
<b>Roadway</b>	The portion of a highway within limits of construction.
<b>Roadway Width</b>	See bridge.
<b>Routine Maintenance Activity</b>	The type of work performed on a routine; (e.g., daily or weekly) basis to maintain the highway surfaces, shoulders, roadsides, facilities, and structures; such as litter pickup, graffiti removal, and vegetation control.
<b>ROW Access Schedule</b>	The meaning set forth in Book 1, Section 6.
<b>ROW Plans</b>	The meaning set forth in Book 1, Section 6.
<b>Safety Management Plan</b>	The Approved safety management plan established by the Contractor, as specified in Book 2, Section 2 (or, prior to such Approval, the draft safety management plan included with the Proposal Documents).
<b>Salvable Material</b>	Material that can be saved or salvaged. Unless otherwise specified in the Contract, all salvable material shall become the property of the Contractor.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Second Notice to Proceed (NTP2)</b>	A written notice issued by CDOT to the Contractor to proceed with the remainder of the Work on the date specified therein.
<b>Service Line</b>	As related to Utilities, a Utility line, the function of which is to directly connect the improvements on an individual property to another Utility line located off such property, which other Utility line connects more than one such individual line to a larger system. (The term "Service Line" also includes any Utility on public or private property that services structures located on such property.)
<b>Shop Drawings</b>	A general term that includes drawings, diagrams, illustrations, samples, schedules, calculations, and other data, which provide details of the construction of the Work and details to be used by the Engineer for inspection.
<b>Shoulder</b>	The portion of the roadway contiguous with the traveled way for accommodation of stopped vehicles, for emergency use, and for lateral support of base and surface courses.
<b>Side Drain</b>	A pipe or culvert which is typically parallel to the roadway and under a driveway or a road approach to the mainline roadway.
<b>Sidewalk</b>	That portion of the roadway constructed for pedestrian use.
<b>Site</b>	The parcels of ROW identified on the ROW Plans or upon which the Project is to be constructed and installed as well as all other areas in the vicinity used by the Contractor for construction Work.
<b>Specialty Item</b>	Work requiring highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organization qualified and expected to bid on the Contract as a whole, and generally limited to minor components of the overall Contract.
<b>Stakeholder</b>	An individual or group whose interests may be impacted similarly (whether real or perceived) by the construction of the Project.
<b>Stabilization</b>	Modification of soils or aggregates by incorporating materials that increase load-bearing capacity, firmness, and resistance to weathering or displacement.
<b>Stakeholder</b>	The meaning set forth in Book 2, Section 4.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Standard Drawings</b>	Plans issued by CDOT for general application and repetitive use in connection with CDOT projects; the Standard Drawings will not apply to the Work except with regard to work performed using the documents or in connection with any design furnished by the Contractor which references the Standard Drawings.
<b>Standard Specifications</b>	Colorado Department of Transportation Standard Specifications for Road and Bridge Construction 2011, and revisions provided as Standard Special Provisions and Project Special Provisions.
<b>Standards of the Industry</b>	Practices, procedures, methods and standards that: (i) are consistent with current industry practices established for, or employed by, leading participants in the design, construction, operation, and maintenance industries; (ii) comply with applicable laws and applicable industry underwriters' and the fire and life safety codes and standards; and (iii) promote reliability, efficiency, safety, and security. Standards of the Industry include, without limitation, taking reasonable steps to assure that sufficient personnel are employed and available to perform the work and that such personnel are adequately skilled, experienced, and trained to design, construct, install, operate, and maintain the work properly and efficiently, and that appropriate coordination, monitoring, and testing is performed to assure that all elements of the work are designed, constructed, and installed so as to function as required by the Contract Documents.
<b>State</b>	State of Colorado acting through its authorized representative, or the State of Colorado in the geographic sense, depending on the context.
<b>Storm Drain</b>	A network of pipes that connects inlets, manholes and other drainage features to an outfall.
<b>Street</b>	A general term denoting a public way for purposes of vehicular travel, including the entire area within the ROW.
<b>Structures</b>	Bridges, culverts, catch basins, drop inlets, retaining walls, cribbing, manholes, endwalls, buildings, storm drains, service pipes, underdrains, foundation drains, fences, guardrail, signs, end sections, traffic signals, light standards, and other features which may be encountered in the Work and not otherwise classified.
<b>Subbase</b>	Layer(s) of specified material thickness placed on a subgrade to support a base course.

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<b>Subcontract</b>	Any subcontract to perform any part of the Work or provide any materials, equipment or supplies for any part of the Work between the Contractor and a Subcontractor, or between any Subcontractor and its lower tier Subcontractor, at any tier.
<b>Subcontractor or Subconsultant</b>	Any Person with whom the Contractor has entered into any Subcontract and any other Person with whom any Subcontractor has further subcontracted any part of the Work, at any tier.
<b>Subgrade</b>	The top surface of a roadbed upon which the pavement structure, shoulders, and curbs are constructed.
<b>Subgrade Treatment</b>	Modification of roadbed material by stabilization.

**Book 1 Exhibit A: Acronyms and Definitions**

<p><b>Substantial Completion</b></p>	<p>Design Builder shall provide written notice to Department when all of the following have occurred with respect to the Project:</p> <p>(a) Contractor has completed all Work (except for Punch List items, maintenance, final cleanup, and other items only included in the requirements for Final Acceptance);</p> <p>(b) Contractor has ensured that the Work has been performed in accordance with the requirements of the Contract Documents;</p> <p>(c) Contractor has received all applicable Governmental Approvals required for Project use;</p> <p>(d) Contractor has furnished to Department certifications from Contractor’s Design Manager, in form and substance satisfactory to Department, certifying conformity of the Design Documents with the requirements of the Contract Documents;</p> <p>(e) Contractor has furnished to Department certifications from Contractor’s Project Manager, in form and substance satisfactory to Department, certifying conformity of the construction with the Design Documents;</p> <p>(f) Contractor has furnished to Department certifications from Contractor’s Construction Quality Manager, in form and substance satisfactory to Department, certifying that there are no outstanding nonconformances other than those identified on the Punch List;</p> <p>(g) Contractor has ensured that the Project may be used without damage to the Project or any other property on or off the Site, and without injury to any Person;</p> <p>(h) Contractor has obtained all applicable third party approvals relating to the Work (including Utility Owners as required under any applicable Utility Agreements and Section 6 of Book 2), and all third parties have completed all work that involves obligations by Contractor (including Utility Owners under any Utility Agreements and Section 6 of Book 2);</p> <p>(i) The Project is fully opened to traffic and Contractor has ensured that no further work is required which would involve any lane or shoulder closure; and</p> <p>(j) Quality Manager certifies the Work is completed in accordance with the Contract Documents.</p>
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**EJMT FFSS Design Build Project**

Project No. C 0703-360; Subaccount 17810

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Substantial Landscape Completion</b>	The meaning set forth in Book 2, Section 17.
<b>Substructure</b>	All of the structure below the bearings of simple and continuous spans, skewbacks of arches, and tops of footings of rigid frames, together with the backwalls, wingwalls, and wing protection railings.
<b>Subsurface Drain</b>	A network of piping used to collect groundwater, or relieve water pressure from a wall or structure, and transport it to a location where it will not harm the roadway features, or where it can be conveyed by another system, often a storm drain.
<b>Superintendent</b>	The Contractor’s authorized employee responsible for the construction Work related to the Project or a Segment.
<b>Superstructure</b>	The entire structure except the substructure.
<b>Supplemental Specifications</b>	CDOT-approved additions and revisions to the Standard Specifications.
<b>Supplier</b>	Any Person other than employees of the Contractor not performing work at the Site that supplies machinery, equipment, materials or systems to the Contractor or any Subcontractor in connection with the performance of the Work; Persons who merely transport, pick up, deliver, or carry materials, personnel, parts, or equipment or any other items or persons to or from the Site shall not be deemed to be performing Work at the Site.
<b>Surety</b>	Each properly licensed surety company approved by CDOT, which has issued one or more of the Payment and Performance Bonds.
<b>Surface Course</b>	One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called the “Wearing Course.”
<b>Survey Manual</b>	Colorado Department of Transportation 2010 Survey Manual .
<b>Technical Criteria</b>	The criteria described in Book 2 that establishes the minimum acceptable standards of quality, materials, and performance for the Work and which will be used as a basis for reviews, and as a basis for Final Acceptance.
<b>Technical Evaluations</b>	

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Test</b>	The procedure and method of acquiring and recording physical data and comparing it to set standards and submitting a statement to such conditions or operations as will lead to its Acceptance or rejection (deficiency, <i>Defective Condition, Nonconformance</i> ) of the item.
<b>Test-Based Acceptance</b>	Acceptance based on each test meeting minimum requirements.
<b>Test Procedure</b>	Methods that detail the practice of acquiring the <i>Test</i> data.
<b>Time and Materials Change Order</b>	A Change Order issued under Book 1, Contract Section 13.7.
<b>Traffic Control Plan</b>	The plan described in Book 2, Section 16.
<b>Traveled Way</b>	The portion of the roadway for the movement of vehicles, exclusive of shoulders and auxiliary lanes.
<b>Tunnel Washing Compatibility Test</b>	The meaning set forth in Book 2, Section 19.14.
<b>United States Department of Transportation (USDOT)</b>	United States Department of Transportation or any executive department or agency thereof, or as the context may require, the USDOT Secretary or other person who may at the time be acting in the capacity of Secretary, or an authorized representative or any other person otherwise authorized to perform the functions to be performed hereunder by USDOT.
<b>Upset Amount</b>	The meaning set forth in the Instructions to Proposers, Section 2.6.2.
<b>Utility or utility</b>	A privately, publicly or cooperatively owned line, facility and/or system for producing, transmitting or distributing communications, power, cable television, electricity, light, heat, gas, oil, crude products, water, steam, waste (excluding storm drainage facilities), signal systems and other products that directly or indirectly serve the public. The necessary appurtenances to each utility facility shall be considered part of such utility. Without limitation, any Service Line connecting directly to a utility shall be considered an appurtenance to that utility, regardless of the ownership of such Service Line. The term “Utility” is sometimes also used to refer to the owner or operator of any such line, facility and/or system (a “Utility Owner”).
<b>Utility Owner</b>	The owner or operator of any Utility (including both Public Utility Owners and Private Utility Owners).

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Utility Owner Identification Number</b>	The number that has been assigned to each Utility Owner on the Utility Matrix.
<b>Utility Plans</b>	Utility design sheets included in the Reference Documents that graphically depicts the information from the Utility Matrix.
<b>Utility Removal Work</b>	Work necessary to remove any Utilities (whether or not in use as of the date of NTP1 or NTP2) for which leaving the Utilities in-place is not feasible or not permitted, or which the Contractor otherwise proposes to be removed in order to accommodate or permit construction of the Project, regardless of whether or not replacements for such Utilities are being installed in other locations).
<b>Value Engineering Change Proposal (VECP)</b>	The meaning set forth in the Book 1, Section 12.
<b>Verification/Verify</b>	The act of testing or inspecting performed by qualified testing or inspecting personnel employed by <i>CDOT</i> or its designated agent to independently establish conformity to the Contract Documents.
<b>Vision Message</b>	The Project message communicated by the CDOT Public Information Team, which will include the overall goals, strategies, direction, and philosophy of the Project.
<b>Warranty</b>	Any warranty made by the Contractor in Book 1, Section 21.
<b>West Ventilation Building</b>	The west portal of the EJMT. The West Ventilation Building houses the supply and exhaust fans for the west side of the tunnel.
<b>Wheel Path</b>	Wheel paths are the two sections of each through-traffic lane that bear the wheel loading. The center of each wheel path is located 3 feet from the center of the lane; each wheel path is 2 feet wide.

**Book 1 Exhibit A: Acronyms and Definitions**

<b>Work</b>	All duties and services to be furnished and provided by Contractor as required by the Contract Documents, including the administrative, design, engineering, quality control, quality assurance, Relocation, procurement, legal, professional, manufacturing, supply, installation, construction, supervision, management, testing, verification, labor, Materials, equipment, documentation and other efforts necessary or appropriate to achieve Final Acceptance except for those efforts which the Contract Documents specify will be performed by CDOT or other Persons. In certain cases the term is also used to mean the products of the Work.
<b>Work Breakdown Structure</b>	The meaning set forth in Book 2, Section 2.
<b>Work Plan Schedule</b>	The meaning set forth in Book 2, Section 1.
<b>Working Day</b>	Any Calendar Day other than Saturday, Sunday, or a Holiday.
<b>Working Drawings</b>	A general term that includes drawings, diagrams, illustrations, samples, schedules, calculations, and other data which illustrate the construction of the work, material, equipment, methods, and items which are necessary to construct the work in accordance with the plans and specifications.
<b>Written Permission of CDOT</b>	A letter signed by the authorized representative of CDOT granting specific permission and outlining limitations of the permission.