SECTION 101 – DEFINITIONS AND TERMS

***DELETE SUBSECTION 101.01 BLANK AND REPLACE WITH THE FOLLOWING:***

**101.01 ABBREVIATIONS**

|  |  |
| --- | --- |
| AGA | American Gas Association |
| AI | The Asphalt Institute |
| AIEE | American Institute of Electrical Engineers |
| AISI | American Iron and Steel Institute |
| AMS | Arterial Management System (Operated by FAST) |
| ANSI | American National Standards Institute |
| API | American Petroleum Institute |
| ASHRAE | American Society of Heating, Refrigerating and Air Conditioning Engineers |
| ATSSA | American Traffic Safety Services Association |
| CCAUSD | Clark County Area Uniform Standard Drawings |
| CDCA | Communications Distribution Cable Assembly |
| CFR | Code of Federal Regulations |
| CFO | CLV Fiber Optic |
| CLV | City of Las Vegas |
| CPM | Critical Path Method |
| CRSI | Concrete Reinforcement and Steel Institute |
| EPA | Environmental Protection Agency (USA) |
| FAST | Freeway and Arterial System of Transportation (AMS and FMS Operator) |
| FMS | Freeway Management System (Operated by FAST) |
| IMSA | International Municipal Signal Association |
| IPCEA | Insulated Power Cable Engineers’ Association |
| ITB | Instructions to Bidders |
| ITS | Intelligent Transportation System |
| NBFU | National Board of Fire Underwriters |
| NCPI | National Clay Pipe Institute |
| NDEP | Nevada Department of Environmental Protection |
| NDOT | Nevada Department of Transportation |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDES | National Pollutant Discharge Elimination System |
| NRS | Nevada Revised Statutes |
| OSHA | Occupational Safety and Health Standards |
| PCA | Portland Cement Association |
| SSPC | Steel Structures Painting Council |
| TED | CLV Transportation Engineering Division |
| TEFO | CLV Traffic Engineering Field Operations |
| TELECOM | CLV Roadside Infrastructure Telecommunications Cabinet |
| TIA | Telecommunications Industry Association |
| UBC | Uniform Building Code, International Conference of Building Officials |
| USS | Uniform Standard Specifications for Public Works’ Construction Off-Site Improvements, Clark County Area Nevada |
| USD | Uniform Standard Drawings for Public Works’ Construction Off-Site Improvements, Clark County Area Nevada, Volumes I & II |

**101.02 ADDENDUM**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

Refer to the INSTRUCTIONS TO BIDDERS section IT B 1 Definitions of the Bid Documents.

**101.06 BASE COURSE**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. The layer or layers of specified or selected material of designated thickness on a subgrade to support a surface course.

**101.07 BIDDER**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

Refer to the INSTRUCTIONS TO BIDDERS section IT B 1 Definitions of the Bid Documents.

**101.11 CONTRACT CHANGE ORDER OR FIELD CHANGE ORDER**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

**101.11 CHANGE ORDER AND CONSTRUCTION CHANGE DIRECTIVE**

A. Change Order means a written order issued by the Owner to the Contractor after execution of the Contract that authorizes a change in the Work, Contract Amount or Contract Time. Except as allowed by the Contract Documents, the Contract Amount or Contract Time may be changed only by the issuance of a Change Order. The execution of the Change Order indicates the Contractor’s agreement to the terms set forth therein including the adjustment, if any, in the Contract Amount or Contract Time.

B. Construction Change Directive means a written order issued by the Owner to the Contractor directing immediate changes in the Work for which a modification to the Contract Amount, Contract Time or other provision of the Contract may be appropriate but may not have been negotiated at the time of issuance. The Contractor is to proceed immediately with the implementation of the Construction Change Directive.

**101.13 CONTRACT**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Refer to the INSTRUCTIONS TO BIDDERS section ITB 1 Definitions of the Bid Documents.

**101.16 CONTRACTOR**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Refer to the INSTRUCTIONS TO BIDDERS section ITB 1 Definitions of the Bid Documents.

**101.17 CONTRACT TIME**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Refer to the INSTRUCTIONS TO BIDDERS section ITB 1 Definitions of the Bid Documents.

**101.40 NOTICE TO PROCEED**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Refer to the INSTRUCTIONS TO BIDDERS section ITB 1 Definitions of the Bid Documents.

**101.50 QUALITY ASSURANCE (QA)**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

* 1. Planned and systematic operations conducted to ensure that the operations and/or product meets specifications. QA encompasses the Engineer’s review and oversight of the Contractor’s “Quality Control”; verifying the results of “Quality Control”; and inspecting for conformance to plans and specifications. QA is the responsibility of the “Engineer.”

**101.51 QUALITY CONTROL (QC)**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

* 1. Planned and specified operations necessary to construct items that will meet the requirements for quality and performance as specified. QC includes, but should not be limited to material testing, controlling the quality of raw materials, produced materials assemblies, components, finished product, and construction process. QC is the responsibility of the “Contractor.”

**101.61 SPECIAL PROVISIONS**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Special Provisions mean the written descriptions of the requirements for the Work incorporated as a part of the Contract.

**101.64 SUBCONTRACTOR**

***DELETE THIS SUBSECTION IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:***

A. Refer to the INSTRUCTIONS TO BIDDERS section ITB 1 Definitions of the Bid Documents.

***ADD THE FOLLOWING SUBSECTIONS TO THIS SECTION:***

**101.80 ACTIVITY-ON-NODE (AON)**

A. A format for illustrating a network diagram where activities are represented by nodes, and arrows are used to show the precedence relationships. AON format is utilized in Precedence Diagramming.

**101.81 AGENCY**

A. The governing body to which a work or facility will be dedicated upon successful completion. Agency may be one or more of the following entities: City of Las Vegas, Nevada; City of North Las Vegas, Nevada; Las Vegas Valley Water District, Las Vegas, Nevada; Clark County Sanitation District, Las Vegas, Nevada; Clark County, Nevada; and state of Nevada Department of Transportation.

**101.82 BAR (GANTT) CHART**

A. A graphical format for displaying network schedules which shows planned and actual progress for a number of tasks against a horizontal time scale. The Bar Chart is frequently updated throughout the project to monitor the detailed progress of the work and is the primary source of reporting/displaying project schedule information to others.

**101.83 CERTIFIED ENVIRONMENTAL MANAGER (CEM)**

A. One who is certified by Nevada Department of Environmental Protection as an Environmental Manager.

**101.84 CRITICAL PATH METHOD (CPM)**

A. A mathematical analysis technique for schedule development utilizing realistic activity time estimates. CPM is designed to control both the time and costs of a project by identifying the activities, which must be kept on schedule (“critical” activities) and the activities, which have extra time (“float”) available for their completion.

**101.85 DEWATERING**

1. The removal and/or lowering of any surface or subsurface water, by a method chosen by the Contractor and acceptable to the Engineer, which results in a ground moisture content that enables construction to be carried out under relatively dry and stable conditions. Unless specifically indicated elsewhere in these specifications, no separate payment will be made for dewatering but shall be included in other items of work.

**101.86 FLOAT**

A. The amount of time between the early start date and the late start date, or the early finish date and the late finish date, of any activity or group of activities in the schedule.

**101.87 NETWORK DIAGRAM**

A. A general scheduling term for several methods of describing the net effect of interconnecting lines used to indicate dependencies and interrelationships of project activities.

**101.88 NOMINAL DIAMETER**

A. The inside diameter of a standard pipe as specified by the manufacturer.

**101.89 PRECEDENCE DIAGRAMMING (PDM)**

A. A graphical format of presenting a schedule utilizing the AON network diagramming method. All activities are linked to successor and predecessor activities with start-start, finish-finish, finish-start or start-finish relationships, allowing lead and lag.

**101.90 PROJECT SCHEDULE (SCHEDULE)**

A. The fundamental basis for planning, scheduling, monitoring and controlling project activity. The schedule illustrates the interdependence of all tasks, work packages, and work units.

**101.91 SERVICE CONNECTION LATERAL**

1. All or any portion of a utility, including pipe, conduit, wire, cable or duct, including meters between a utility distribution (or collection) line and an individual customer or customers.

**END OF SECTION 101**