

1 Amend **Section 101 - Definitions and Terms** to read as follows:

2
3 **"SECTION 101 - TERMS, ABBREVIATIONS, AND DEFINITIONS**

4
5 **101.01 Meaning of Terms.** The specifications are generally written in the
6 imperative mood. In sentences using the imperative mood, the subject, "the
7 Contractor shall", is implied. In the material specifications, the subject may
8 also be the supplier, fabricator, or manufacturer supplying material, products, or
9 equipment for use on the project. The word "will" generally pertains to decisions
10 or actions of the State and/or Engineer.

11
12 **101.02 Abbreviations.** Meanings of abbreviations used in the specifications,
13 on the plans, or in other contract documents are as follows:

14		
15	AAN	American Association of Nurserymen
16		
17	AASHTO	American Association of State Highway and
18		Transportation Officials
19		
20	ACI	American Concrete Institute
21		
22	ADA	Americans with Disabilities Act
23		
24	ADAAG	Americans with Disabilities Act Accessibility Guidelines
25		
26	AGC	Associated General Contractors of America
27		
28	AIA	American Institute of Architects
29		
30	AISC	American Institute of Steel Construction
31		
32	AISI	American Iron and Steel Institute
33		
34	ANSI	American National Standards Institute
35		
36	APA	American Plywood Association
37		
38	ARA	American Railway Association
39		
40	AREA	American Railway Engineering Association
41		
42	ASA	American Standards Association
43		
44	ASCE	American Society of Civil Engineers
45		

46	ASLA	American Society of Landscape Architects
47		
48	ASTM	American Society for Testing and Materials
49		
50	AWG	American Wire Gauge
51		
52	AWPA	American Wood Preserver's Association
53		
54	AWS	American Welding Society
55		
56	AWWA	American Water Works Association
57		
58	BMP	Best Management Practice
59		
60	CCO	Contract Change Order
61		
62	CFR	Code of Federal Regulations
63		
64	CRSI	Concrete Reinforcing Steel Institute
65		
66	DCAB	Disability and Communication Access Board
67		
68	DOA	Department of Agriculture
69		
70	DOT	Department of Transportation
71		
72	DOTAX	State Department of Taxation
73		
74	EPA	U S Environmental Protection Agency
75		
76	FHWA	Federal Highway Administration,
77		U S Department of Transportation
78		
79	FSS	Federal Specifications and Standards,
80		General Services Administration
81		
82	HAR	Hawaii Administrative Rules
83		
84	HRS	Hawaii Revised Statutes
85		
86	ICEA	Insulated Cable Engineers Association (formerly IPCEA)
87		
88	IMSA	International Municipal Signal Association
89		
90	IRS	Internal Revenue Service
91		

92	ITE	Institute of Transportation Engineers
93		
94	MUTCD	Manual on Uniform Traffic Control Devices for Streets and
95		Highways, FHWA, U S Department of Transportation
96		
97	NCHRP	National Cooperative Highway Research Program
98		
99	NEC	National Electric Code
100		
101	NEMA	National Electrical Manufacturers Association
102		
103	NFPA	National Forest Products Association
104		
105	NPDES	National Pollutant Discharge Elimination System
106		
107	OSHA	Occupational Safety and Health Administration/Act
108		U S Department of Labor
109		
110	SAE	Society of Automotive Engineers
111		
112	SI	International Systems of Units
113		
114	UFAS	Uniform Federal Accessibility Standards
115		
116	UL	Underwriter's Laboratory
117		
118	USGS	U S Geological Survey
119		
120	VECP	Value Engineering Cost Proposal
121		

122 **101.03 Definitions.** Whenever the following words or terms are used in the
123 contract documents, unless otherwise prescribed therein and without regards to
124 the use or omission of uppercase letters, the intent and meaning shall be
125 interpreted as follows
126

127 **Addendum (plural - Addenda)** - A written or graphic document, including
128 drawings and specifications, issued by the Director during the bidding period
129 which modify or interpret the bidding documents, by additions, deletions,
130 clarifications or corrections which shall be considered and made a part of the bid
131 proposal and the contract when executed
132

133 **Addition** (to the contract sum) - Amount added to the contract sum by change
134 order
135

136 **Advertisement** - A public announcement inviting bids for work to be performed
137 or materials to be furnished

138 **Amendment** - A written document properly executed by the Contractor and
139 Director issued to amend the existing contract between the State and the
140 Contractor

141
142 **Bag** – 94 pounds of cement

143
144 **Barrel** – 376 pounds of cement

145
146 **Award** - Written notification to the bidder that the bidder has been awarded a
147 contract

148
149 **Base Course** - The layer or layers of specified material or selected material of a
150 designed thickness placed on a subbase or subgrade to support a surface
151 course

152
153 **Basement Material** - The material in excavation or embankments underlying the
154 lowest layer of subbase, base, pavement, surfacing or other specified layer

155
156 **Bid** - See Proposal

157
158 **Bidder** - An individual, partnership, corporation, joint venture or other legal
159 entity submitting, directly or through a duly authorized representative or agent,
160 a proposal for the work contemplated

161
162 **Bidding Documents** - The "Notice to Bidders" or the invitation to bid,
163 instructions to bidders, proposal requirements, the bid form and the proposal
164 contract documents including all addenda issued prior to receipt of bids

165
166 **Bid Security** - The security furnished by the bidder from which the State may
167 recover its damages in the event the bidder breaches its promise to enter into a
168 contract with the State, or fails to provide the required bonds covering the work
169 contemplated, if its proposal is accepted

170
171 **Blue Book** – "Rental Rate Blue Book for Construction Equipment" published by
172 Equipment Watch, A Premedia Business Directories and Book Group

173
174 **Calendar Day.** Any day shown on the calendar, beginning at midnight and
175 ending at midnight of the following day If no designation of calendar or working
176 day is made, "day" shall mean calendar day

177
178 **Change Order** - A written order signed by the Engineer that establishes the full
179 payment and final settlement of all claims for direct, indirect, and consequential
180 costs, including costs of delays, and establishes any adjustments to contract
181 time related to the work covered and affected by one or more field orders, or for
182 change work done or agreed to be done without issuance of a separate field

order A change order signed by all parties to the contract constitutes a supplemental agreement

Completion - See Substantial Completion and Final Completion

Completion Date - The date specified by the contract for the completion of all work on the project or of a designated portion of the project

Contract - The written agreement between the Contractor and the State by which the Contractor is bound to furnish all labor, equipment, and materials and to perform the specified work within the contract time stipulated, and by which the State of Hawaii is obligated to compensate the Contractor therefore at the prices set forth therein

Contract Documents - The contract, addenda, notice to bidders, the instructions to bidders, Contractor's proposal (including wage schedule, list of subcontractors and other documentation accompanying the bid), the notice to proceed, the bonds, these general provisions, the special provisions, the specifications, and the drawings and are more specifically identified in the contract together with all written amendments, change orders, a written order for minor changes in the work and the Engineer's written interpretations and clarifications issued on or after the effective date of the contract

Contract Item (Pay Item) - A specific unit of work for which there is a price in the contract

Contract Performance Bond - The security executed by the Contractor and the surety or sureties furnished to the Department to guarantee the completion of the work in accordance with terms of the contract

Contract Price - The amount designated on the face of the contract for the performance of work including any allowances

Contract Time - The number of working or calendar days provided in the contract for substantial completion of the contract including authorized time extensions The number of days shall begin running on the effective date in the notice to proceed If in lieu of providing a number of working days, the contract requires completion by a certain date, the work shall be completed by that date

Contractor - Any individual, partnership, corporation, joint venture, or other legal entity undertaking the execution of the work under the terms of the contract with the State of Hawaii, and acting directly or through its agents, or employees

228 **Critical Path** – Sequence of activities that must be completed on schedule for
229 the entire project to be completed on schedule
230

231 **Department** - The Department of Transportation, of the State of Hawaii
232 (abbreviated DOT)
233

234 **Director** - The Director of the Hawaii Department of Transportation acting
235 directly or through their duly authorized representatives
236

237 **Drawings** - The contract drawings and plans (including standard plans) which
238 show in pictorial or pictorial form including the notes, tables and other notations
239 thereon the design, location, character, dimensions and details of the Work to be
240 done
241

242 **Effective Dates and Laws** - Reference to government laws, ordinances,
243 regulations, standard specifications, and rules includes amendments thereto
244 effective as of the date of the call for sealed tenders
245

246 **Engineer** - The Airports, Harbors, or Highway Administrator or the authorized
247 person designated to act in the Administrator's behalf
248

249 **Equal or Approved Equal** - A brand or article, qualified in accordance with
250 Subsection 102 16- – Substitution of Materials and Equipment, that may be
251 used in place of the one specified
252

253 **Equipment** - All machinery, tools, and apparatus needed to complete the
254 contract
255

256 **Extra Work** - (See Subsection 104 03 - Extra Work)
257

258 **Field Order** - A written order issued by the Engineer or the Engineer's
259 authorized representative to the Contractor requiring the contract work to be
260 performed in accordance with a change or changes in the work A field order
261 may (1) establish a price adjustment and/or time adjustment in an amount the
262 Engineer believes is reasonable for the change, or (2) may declare that the
263 Engineer does not intend to adjust contract time or price for the work, or (3) may
264 request the Contractor to submit a proposal for an adjustment to the contract
265 time and/or price by a certain date
266

267 **Final Completion** - The date set by the Director that all work required by the
268 contract and any amendments or changes thereto is in full compliance with the
269 contract
270

271 **Float** – The amount of time between when an activity can start and when an
272 activity must start, i e , the time available to complete non-critical activities
273 required for the performance of the work without affecting the critical path
274
275 **Guarantee** - Legally enforceable assurance of the duration of satisfactory
276 performance of quality of a product or work
277
278 **Hawaii Administrative Rules (HAR)** – Rules adopted by the State in
279 accordance with Chapter 91 of the Hawaii Revised Statutes
280
281 **Highway, Street, or Road** - General term indicating a public way used by
282 vehicles, bicyclists, and pedestrians Includes entire area within the right-of-
283 way
284
285 **Highways Division** - The Highways Division of the Hawaii Department of
286 Transportation constituted under the laws of Hawaii for the administration of
287 highway work
288
289 **Holidays** - The days of each year which are set apart and established as State
290 holidays pursuant to Chapter 8, HRS, as amended
291
292 **Inspector** - The Engineer's authorized representative assigned to make detailed
293 inspections of contract performance, prescribed work, and materials supplied
294
295 **Laboratory** - The testing laboratory of the Highways Division or other testing
296 laboratories that may be designated by the Engineer
297
298 **Laws** - All Federal, State, and local laws, executive orders, and regulations
299 having the force of law
300
301 **Leveling Course** - An aggregate mixture course of variable thickness used to
302 restore horizontal and vertical uniformity to existing pavements or shoulders
303
304 **Liquidated Damages** - The amount prescribed in Subsection 108 08 - Failure to
305 Complete on Time, and Liquidated Damages to be paid to the State or to be
306 deducted from any payments which may become due the Contractor
307
308 **Lump Sum (LS)** – When used as a payment method means complete payment
309 for the item of work described in the contract documents
310
311 **Material** - Any natural or manmade substance or item specified in the contract to
312 be incorporated in the work
313
314 **Notice to Bidders** - The advertisement for proposals for all work or materials on
315 which bids are required Such advertisement will indicate the location of the

work to be done or the character of the material to be furnished and the time and place for the opening of proposals

Notice to Proceed - Written notice from the Engineer to the Contractor advising it of the date on which it is to begin the prosecution of the work which date shall also be the beginning of contract time

Pavement - The uppermost layer of material placed on the traveled way or shoulders or both Pavement and surfacing may be interchangeable

Pavement Structure - The combination of subbase, base, pavement, surfacing or other specified layer of a roadway constructed on a subgrade to support the traffic load

Payment Bond - The security executed by the Contractor and Surety or Sureties furnished to the State to guarantee payment by the Contractor to laborers, material suppliers and subcontractors in accordance with the terms of the contract

Plans - See Drawings

Profile Grade - The elevation or gradient of a vertical plane intersecting the top surface of the proposed pavement

Project Acceptance Date - The calendar day on which the Engineer accepts the project as completed See Final Completion

Project Guarantee - A guarantee issued by the Contractor to the State See GUARANTEE

Proposal (Bid) - The executed document submitted by a bidder in the prescribed manner, in response to a request for proposals or invitation to bid, to perform at the prices quoted, for the work specified under the contract, within the time prescribed for performance

Public Traffic - Vehicular or pedestrian movement on a public way

Punchlist - A list compiled by the Engineer specifying work yet to be completed or corrected by the Contractor in order to substantially complete or finally complete the contract

Questionnaire - The specified forms on which the bidder shall furnish required information as to its ability to perform and finance the work

Request for Change Proposal – A written notice from the Engineer to the Contractor requesting that the Contractor provide a price and/or time proposal for contemplated changes preparatory to the issuance of a field order or change order

Right-of-Way - Land, property, or property interests acquired for or devoted to transportation purposes

Roadbed - The graded portion of a highway within top and side slopes, prepared as a foundation for the pavement structure and shoulders

Roadside - The area between the outside edges of the shoulders and the right-of-way boundaries Unpaved median areas between inside shoulders of divided highways and infield areas of interchanges are included

Roadway - The portion of a highway, street or road within the limits of construction

Section and Subsection - Section or subsection shall be understood to refer to these specifications unless otherwise specified

Shop Drawings - All drawings, diagrams, illustrations, schedules and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the work

Shoulder - The portion of the roadway next to the traveled way for accommodation of stopped vehicles, placement of underground facilities, emergency use, and lateral support of base and surface courses

Sidewalk - That portion of the roadway primarily constructed for use by pedestrians

Specifications - Compilation of provisions and requirements to perform prescribed work

(A) Standard Specifications. Specifications by the State intended for general application and repetitive use

(B) Special Provisions. Revisions and additions to the standard specifications applicable to an individual project

Standard Plans - Drawings provided by the State for specific items of work approved for repetitive use

404 **State** - The State of Hawaii, its Department and agencies, acting through its
405 authorized representative(s)
406

407 **Structures** - Bridges, culverts, catch basins, drop inlets, retaining walls,
408 cribbing, manholes, endwalls, buildings, sewers, service pipes, underdrains,
409 foundation drains, and other such features that may be encountered in the work
410

411 **Subbase** - A layer of specified material of specified thickness between the
412 subgrade and a base
413

414 **Subcontract** - Any written agreement between the Contractor and its
415 subcontractors which contains the conditions under which the subcontractor is to
416 perform a portion of the work for the Contractor
417

418 **Subcontractor.** An individual, partnership, firm, corporation, or joint venture
419 or other legal entity as covered in Chapter 444, Hawaii Revised Statutes, which
420 enters into an agreement with the Contractor to perform a portion of the Work.
421

422 **Subgrade** - The top surface of completed earthwork on which subbase, base,
423 surfacing, pavement, or a course of other material is to be placed
424

425 **Substantial Completion** - The point at which the project is complete such that it
426 can be safely and effectively used by the public without unreasonable delays,
427 disruption, or impediments For the conventional bridge and highway work,
428 the point at which all bridge deck, parapet, pavement structure, shoulder,
429 permanent signing and markings, traffic barrier, and safety appurtenance work
430 is complete
431

432 **Superintendent** - The employee of the Contractor who is responsible for all the
433 work and is a Contractor's agent for communications to and from the State
434

435 **Surety** - The qualified individual, firm, or corporation, other than the Contractor,
436 which executes a bond with and for the Contractor to insure its acceptable
437 performance of the contract
438

439 **Surfacing** - The uppermost layer of material placed on the traveled way or
440 shoulders This term is used interchangeably with pavement
441

442 **Traveled Way** - The portion of the roadway for the movement of vehicles,
443 exclusive of shoulders and auxiliary lanes
444

445 **Unsuitable Material** - Materials that contain organic matter, muck, humus,
446 peat, sticks, debris, chemicals, toxic matter, or other deleterious materials not
447 suitable for use in earthwork unless otherwise specified
448

449 **Utility** - A line, facility, or system for producing, transmitting, or distributing
450 communications, power, electricity, heat, gas, oil, water, steam, waste, or
451 storm water
452

453 **Utility Owner** – The entity, whether private or owned by a State, Federal, or
454 County governmental body, that has the power and responsibility to grant
455 approval for or undertake construction work involving a particular utility
456

457 **Work** - The furnishing of all labor, materials, equipment, and other incidentals
458 necessary or convenient for the successful execution of all the duties and
459 obligations imposed by the contract
460

461 **Working Day** – A calendar day in which a Contractor is capable of working four
462 or more hours with its normal work force, exclusive of
463

464 (1) Saturdays, Sundays, and recognized legal State holidays and
465 such other days specified by the contract documents as non-working
466 days,
467

468 (2) Days in which the Engineer suspends work for four or more hours
469 through no fault of the Contractor ”
470
471
472

473 **END OF SECTION**