

1 Make the following Section a part of the Standard Specifications:

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3 **"SECTION 636 – E-CONSTRUCTION**
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6 **636.01 Description.** This section specifies requirements for performing the
7 Project in a "paperless" manner, using electronic tools for all submittals,
8 communications, quantity tracking, testing, and sampling, scheduling, quality
9 control, and performance monitoring.

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11 **636.02 General Requirements.** The Contractor shall acquire a license for and
12 implement the use of the E-Construction platform(s) designated by HDOT
13 throughout the project. Paper-based or hard copy submittals will not be accepted.

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15 This Special Provision shall take precedence over all other Specification
16 sections with respect to providing and receiving paper copy communications,
17 submittals, and any project records. Where conflicts exist, and a decision between
18 a hard-copy item and a corresponding electronic version is needed, the electronic
19 version shall be selected, unless otherwise directed by the Engineer.

20
21 **636.03 Construction**
22

23 **(A) Plans and Specifications.** Project drawings will not be provided to
24 the Contractor in hard copy format. An electronic version will be provided
25 in the E-Construction platform for use during the project.

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27 The Contractor shall note all changes to the work, including all
28 subcontractor's work, in electronic format using the E-Construction
29 platform. Red annotations shall be used to note changes. Blue annotations
30 shall be used for any additional notes that will be helpful for the State in
31 interpreting the field posted drawings. Other drafting standards may be
32 implemented by the Engineer and shall be adhered to by the Contractor.
33 Changes shall be input by the Contractor and reviewed by the Engineer
34 monthly. The Contractor shall make any changes that the Engineer
35 requires.

36
37 **(B) Submittals.** The Contractor shall provide all required submittals, as
38 listed within the contract documents, via the E-Construction platform. All
39 review, approval, and resubmittal regarding submittals shall also be
40 documented within the E-Construction platform.

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42 **(C) Correspondence.** Electronic mail (email) shall be the preferred
43 method of electronic communication. All communications that affect project
44 scope, schedule, cost, or quality, including changes and requests for
45 information, shall be submitted in the E-Construction platform.
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47 **(D) Prosecution and Progress.** The Contractor shall provide all
48 administrative, management, and project support documents required by
49 various specification sections, using the E-Construction platform. These
50 elements include, but are not limited to:

- 51 (1) Preconstruction Submittals (Section 108.03 – Pre-
- 52 Construction Data Submittal)
- 53 (2) Correspondence regarding Contract Time (Section 108.05)
- 54 (3) Progress Schedules (Section 108.06)
- 55 (4) Weekly Meeting preparatory materials (Section 108.07)
- 56 (5) Samples, certifications, material data, installation instructions,
- 57 and shop drawings (Sections 105 – Control of Work and 106 –
- 58 Material Restrictions and Requirements)
- 59 (6) Field-posted Drawings (Section 648)
- 60 (7) Pre-Final Inspection submittals (Section 108.13 – Pre-Final
- 61 and Final Inspection)
- 62 (8) Warranty documentation (Section 108.17 – Guarantee of
- 63 Work)
- 64 (9) Project Closing Documents (Section 108.19 – Final
- 65 Settlement of Contract)
- 66
- 67

68 In addition to the foregoing, the Contractor shall provide any
69 other materials, correspondence, and submittals using the E-
70 Construction platform, when directed by the Engineer.

71
72 **(E) Resources.** The Contractor shall provide a comprehensive list of
73 Contractor labor and equipment, including all subcontractor labor and
74 equipment, that will be deployed on the project, using spreadsheet-based
75 templates provided in the E-Construction platform. All template fields shall
76 be completed. The submitted information shall comply with the
77 requirements of Specification Section 108 (identification of labor and
78 equipment resources) and Specification Section 109 (cost data) and
79 represent all individual personnel with labor categories and rates, and all
80 equipment owned or rented, with associated rates, on this project. Updates
81 for additional personnel or equipment shall be accomplished by the
82 Contractor at will and shall be completed when directed by the Engineer.

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88 **END SECTION 636**