

**REQUEST FOR PROPOSALS**  
**FOR**  
**On-Call Professional Services –**  
**Design & Construction Engineering**

**As Requested by**

**THE SOUTHERN SANDOVAL COUNTY ARROYO  
FLOOD CONTROL AUTHORITY**



**RFP 2023-04**

**PROPOSAL DUE DATE: September 26, 2023**

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## Section 1 – GENERAL INFO AND DELIVERY REQUIREMENTS

- 1.1. **Overview.** Proposals shall be prepared simply and economically, providing a straightforward, concise description of the Offeror's ability to meet the requirements of this Request for Proposals (RFP). Emphasis shall be placed on the quality, completeness, and clarity of content of the proposal.
- 1.2. **Point of Contact.** This RFP is issued by Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA), Fiscal Services Department, which is the sole point of contact during the procurement process (the “Point of Contact”). Communications initiated by a respondent to this RFP (the “Offeror”) with members of the Governing Body or SSCAFCA personnel, other than as coordinated by the Point of Contact noted below, shall be grounds for Offeror disqualification. Any inquiries or requests during this procurement shall be submitted via e-mail to the following Point of Contact:

**Deborah Casaus, Fiscal Services Director**  
[dcasaus@sscafca.com](mailto:dcasaus@sscafca.com)

- 1.3. **Proposal Due Date.** September 26, 2023 at 3:00 p.m. local time. Proposals for the project will be received by:

*Fiscal Services Department*  
*Southern Sandoval County Arroyo Flood Control Authority*  
*1041 Commercial Dr. SE, Rio Rancho, New Mexico 87124*

Proposals received after this deadline will not be accepted. The date and time of receipt will be recorded on each proposal. SSCAFCA shall not be responsible for proposals that are mailed and not received by the time specified in this section. Receipts for hand delivered proposals may be issued by SSCAFCA (upon request).

- 1.4. **Number of Copies.** Submit one (1) original and four (4) copies of your Proposal in a sealed envelope or container.
- 1.5. **Page Limit.** Proposals shall be limited to a maximum length of ten (10) numbered pages, not including the Table of Contents, dividers, the front and back cover and any documentation listed in Section 4.3.
  - a. Proposals shall be printed on letter-size (8-1/2” x 11”) paper and bound or assembled with spiral bindings, stapled or in 3-ring binders. Graphics incorporated into the proposal may exceed the paper-size requirement. Any 11” x 17” pages shall be numbered as two (2) pages. Drawings on 24” x 36” sheets shall be numbered as four (4) pages.
- 1.6. **Font.** Proposals should use a non-serif font at size 11pt or larger.

- 1.7. Proposals must be submitted in a sealed package or envelope listing the following information on the outside: **RFP 2023-04 - On-Call Professional Services – Design & Construction Engineering**

( *End of Section 1* )

## Section 2 – INTRODUCTION/SCOPE OF WORK

- 2.1. **Overview.** Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA), a political subdivision of the State of New Mexico, requests qualification based competitive sealed proposals for **On-Call Professional Services – Design & Construction Engineering**.
- 2.2. **Scope of Work/Specifications.**

It is the intent of SSSCAFCA to select one or more professional firms who can perform [Design & Construction Engineering Services](#) on an on-call (as-needed) basis.

SSCAFCA utilizes the Engineers Joint Contract Documents Committee (EJCDC) Engineering Documents: *E-505 Standard Form of Agreement Between Owner and Engineer for Professional Services, Task Order Edition (2020 version)* as the main agreement with selected engineering firms. The EJCDC documents, referenced in the scope items below, include detailed scope item descriptions and are included as [[Appendix C](#)] to the RFP.

Offerors shall demonstrate their ability to provide the services outlined below, which shall be highlighted in the submitted proposal.

- a. **Preliminary & Final Design Phase Services.** Provide design and construction services necessary to construct new or modify existing flood control facilities. This category will require expertise in structural engineering as it relates to flood control infrastructure.
- Possible services and scope items under this category are outlined in [[Appendix C](#): EJCDC E-505 Documents, Part 4 of 4: Exhibits to Task Order, Exhibit A, Sections 1.03 & 1.04].
- b. **Bidding/Proposal Phase Services.** Possible services and scope items under this category are outlined in [[Appendix C](#): EJCDC E-505 Documents, Part 4 of 4: Exhibits to Task Order. Exhibit A, **Section 1.05**].
- c. **Construction Phase Services.** Possible services and scope items under this category are outlined in [[Appendix C](#): EJCDC E-505 Documents, Part 4 of 4: Exhibits to Task Order. Exhibit A, **Section 1.06**].
- d. **Resident Project Representative.** Possible services and scope items under this category are outlined in [[Appendix C](#): EJCDC E-505 Documents, Part 4 of 4: Exhibits to Task Order, Exhibit A, **Section 1.05**; and Part 4 of 4: Exhibits to Task Order, **Exhibit D**].

( End of Section 2 )

### Section 3 – CONDITIONS GOVERNING PROCUREMENT

- 3.1. **Overview.** This section of the RFP contains the schedule for the procurement, describes the major events and milestones and specifies general conditions governing the procurement.
- 3.2. **Schedule of Events.** SSCAFCA will make every effort to adhere to the following schedule:

<i>Action</i>	<i>Responsibility</i>	<i>Date</i>	<i>Time</i>
Issue RFP	SSCAFCA	September 3, 2023	N/A
Non-mandatory Pre-Proposal Meeting	SSCAFCA	September 6, 2023	2:00 PM
Deadline to Submit Written Questions	Potential Offerors	September 8, 2023	5:00 PM
Response to Written Questions	SSCAFCA	September 12, 2023	5:00 PM
RFP Addenda	SSCAFCA	If applicable, no later than September 12, 2023	5:00 PM
Submission of Proposals	Offerors	September 26, 2023	3:00 PM
Proposal Evaluation and Ranking (Including time for Interviews, Oral Presentations, and Best and Final Offers) *	Evaluation Committee	September 26 – October 3, 2023	
Notify Offerors of Selection	SSCAFCA	October 4, 2023	5:00 PM
Negotiations & Agreement Prep	SSCAFCA/Offeror	On or before Oct. 11, 2023	
Board of Directors Approval of Selection, Contract Execution	SSCAFCA/Offeror	October 19, 2023	9:00 AM

\*Offerors will be notified by the Fiscal Services Department if and when to expect interview and Best and Final Offer dates.

- 3.2.1. **Written Questions and RFP Amendments.** Potential Offerors may submit written questions as to the intent or clarity of this RFP until the date and time specified in the schedule of events. All written questions must be sent by email and addressed to the Point of Contact. SSCAFCA response to questions will be formalized as an addendum to the RFP.
- 3.2.2. **Addenda/Communication.** The issuance of a written addendum is the only official method by which interpretation, clarification or additional information can be given. If it becomes necessary to revise or amend any part of this RFP,

notice may be obtained by accessing our web site: <https://www.sscafca.org>. Oral and other interpretations or clarifications will be without legal effect.

It is the responsibility of all potential Offerors to check the website and to ensure that all addenda have been acknowledged on the “Required Information Form” (provided in Appendix A) before submitting their proposal.

- 3.2.3. **Proposal Evaluation.** The evaluation and ranking of proposals will be performed by the Evaluation Committee during the time period noted in the Schedule of Events.
- 3.2.4. **Selection of Finalist.** The Evaluation Committee will select, and the Point of Contact will notify the Finalist Offeror(s).
- 3.2.5. **Oral Presentations and Interviews.** The Evaluation Committee may request oral presentations or interviews by the Offerors. If this is required, the requested action will take place at the SSCAFCA office within the proposal evaluation timeframe specified the Schedule of Events.
- 3.2.6. **Finalize Contract(s).** The Contract(s) will be finalized with the most qualified Offeror(s). In the event that mutually agreeable terms cannot be reached, SSCAFCA reserves the right to terminate negotiations with any Offeror without effecting negotiations with other Offerors.
- 3.2.7. **Protest Deadline.** The ten (10) day protest period for Offerors shall begin on the day following the notification of the contract award and will end at 5:00 pm local time on the tenth (10<sup>th</sup>) calendar day following the notification of the contract award. Protests must be submitted in writing and must include the name and address of the protestant and the RFP number. It must also contain a statement of grounds for protest and be addressed and delivered to the Point of Contact.

### 3.3. General Requirements.

- 3.3.1. Offerors shall carefully read the information contained in this RFP and submit a complete response to all requirements and questions as directed. Incomplete proposals may be considered non-responsive and subject to rejection.
- 3.3.2. Proposals and any other information submitted by Offerors in response to this RFP shall become the property of SSCAFCA.
- 3.3.3. Proposals that are qualified with conditional clauses, alterations, or irregularities of any kind are subject to rejection by SSCAFCA, at its option.
- 3.3.4. It is incumbent upon each Offeror to carefully examine all specifications, terms, and conditions contained herein. Any inquiries, suggestions, or requests concerning interpretation, clarification or additional information shall be made through the Point of Contact named in Section 1. SSCAFCA will not be

responsible for any oral representation(s) given by any employee, representative or others. The issuance of a written addendum is the only official method by which interpretation, clarification or additional information can be given. If it becomes necessary to revise or amend any part of this RFP, notice may be obtained by accessing our web site.

- 3.3.5. A proposal may be amended or withdrawn in person at any time BEFORE the scheduled due date and time of proposals provided a receipt for the withdrawn proposal is signed by the Offeror's authorized representative. An amendment must be a complete replacement for a previously submitted proposal and must be clearly identified in a transmittal letter signed by the Offeror's authorized representative. SCAFCA reserves the right to request proof of authorization to withdraw or amend a proposal.
- 3.3.6. All information, documentation, and other materials submitted in response to this RFP are considered non-confidential and/or non-proprietary and are subject to public disclosure after the procurement is completed.
- 3.3.7. SCAFCA may evaluate the proposals based on the anticipated completion of all or any portion of the project. SCAFCA reserves the right to divide the project into multiple parts, to reject any and all proposals and re-solicit for new proposals, or to reject any and all proposals and temporarily or permanently abandon the project when deemed to be in SCAFCA's best interest. SCAFCA makes no representations, written or oral, that it will enter into any form of agreement with any Offeror to this RFP for any project and no such representation is intended or should be construed by the issuance of this RFP.
- 3.3.8. SCAFCA may, in the evaluation of proposals, request clarification from Offerors regarding their proposals, obtain additional material or literature, and pursue other avenues of research as necessary to ensure that a thorough evaluation is conducted.
- 3.3.9. By submitting a proposal in response to this RFP, the Offeror accepts the evaluation process and acknowledges and accepts that determination will require subjective judgments by SCAFCA.
- 3.3.10. Offeror acknowledges and accepts that any expense incurred from the Offeror's participation in this RFP process shall be at the sole risk and responsibility of the Offeror.
- 3.3.11. SCAFCA expects the highest level of ethical conduct from Offerors including adherence to all applicable laws regarding ethical behavior. The Procurement Code, NMSA 1978, Sections 13-1-28 through 13-1-199 (1984 as amended), imposes civil and criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for illegal bribes, gratuities and kickbacks.



3.3.12. After identifying the highest scoring Offeror(s), SSCAFCA will attempt to negotiate final terms of a Contract with such Offeror(s), on such terms as SSCAFCA deems in its best interest. SSCAFCA reserves the right to negotiate all elements of the Contract.

3.3.13. SSCAFCA shall evaluate any potential conflict of interests identified and determine if it is a direct conflict of interest. A direct conflict of interest shall be cause for disqualifying an Offeror from consideration. SSCAFCA's determination shall be final.

( *End of Section 3* )

## Section 4 - SUBMISSION REQUIREMENTS

- 4.1. **Overview.** This section contains the list of mandatory requirements, scoring categories, and related information. Offerors must respond to the mandatory requirements and should respond to the scoring categories of this RFP providing the required responses, documentation, and assurances.
- 4.2. **Proposal Format.** The proposal must be organized in the following format and must contain, as a minimum, all listed items in the sequence indicated:
  - 4.2.1. Table of Contents
  - 4.2.2. Mandatory Requirements
  - 4.2.3. Scoring Categories.

Any proposal that does not adhere to this format, and which does not address each specification and requirement within the RFP, may be deemed non-responsive and rejected on that basis.

- 4.3. **Mandatory Submission Requirements.** Failure to comply with a mandatory requirement will result in disqualification of the proposal. The items listed below will not be counted towards the page limit provided in Section 1.5.

The following items must be submitted with the proposal:

- 4.3.1. **Required Information Form.** See Appendix A.
  - 4.3.2. **Campaign Contribution Disclosure Form.** See Appendix B. In accordance with the Procurement Code, Section 13-1-28, all prospective contractors who are seeking to enter into a contract with a state agency or local public body are required to file the attached “Campaign Contribution Disclosure Form” with that state agency or local public body, in this case, SSCAFCA. This form must be filled out in its entirety and submitted with the proposal.
  - 4.3.3. **Proof of Insurance.** Certification of professional liability insurance of at least one million dollars (\$1,000,000).
- 4.4. **Scoring Categories.** The following items will be evaluated on a points-based system, as outlined in Section 5.1. Failure to respond to a Scoring Category will result in zero (0) points being awarded for that item.
    - 4.4.1. **Specialized Design & Technical Competence**
      - a. Identify and describe Offeror’s sub-consultants, if applicable, and their role during task orders.
    - 4.4.2. **Capacity and Capability**

- a. Describe the Offeror’s capacity and capability, including any sub-consultants, representatives, qualifications, and locations, to perform the work outlined in the Scope of Work, including any specialized services.
- b. Provide qualifications of key team members, including membership in professional organizations and licensure.
- c. Provide any unique knowledge of key team members relevant to this scope of work.

**4.4.3. Past Record of Performance**

- a. Provide a summary of up to three (3) representative projects performed by Offeror, including project reference contact information for each, and describe Offeror’s role during the project.
- b. Describe how Offeror managed specific projects to ensure timely completion.
- c. Describe Offeror’s quality assurance/quality control (QA/QC) practices to minimize errors and omissions.

**4.4.4. Proximity to, or Familiarity with SCAFCA’s Jurisdiction**

- a. Identify specific experience the Offeror has with projects in the City of Rio Rancho, Town of Bernalillo, Village of Corrales and/or Sandoval County.

**4.4.5. Amount of Work to Be Produced in New Mexico**

- a. Describe the amount of design work that will be produced by a New Mexico business within this state.

**4.4.6. Current Volume of Work with the Contracting Agency Not 75% Complete**

- a. *No response to this item is required from the Offeror. SCAFCA's Fiscal Services department will determine the scoring for this category.*
- b. The volume of work previously done for SCAFCA which is not seventy-five percent complete with respect to basic professional design services, with the objective of effecting an equitable distribution of contracts among qualified businesses and of assuring the interest of the public in having available substantial number of qualified businesses is protected; provided, however, that the principal of selection of the most highly qualified business is not violated.

Below is the table of how points are assigned:

<i>Value of work not yet completed on projects that are not 75% complete</i>	<i>Points to be allowed for this item</i>
None	5
\$1 to \$50,000	4
\$50,001 to \$100,000	3
\$100,001 to \$150,000	2

<i>Value of work not yet completed on projects that are not 75% complete</i>	<i>Points to be allowed for this item</i>
\$150,001 to \$200,000	1
\$200,001 or more	0

**4.4.7. Quality and Content of Proposal**

- a. The proposal will be scored on the overall quality of the assembly and presentation of information.

**4.4.8. Application of Preferences**

- a. To receive a resident business, Native American resident business, resident veteran business or Native American resident veteran business preference pursuant to Section 13-1-21 NMSA 1978 or a resident contractor, Native American resident contractor, resident veteran contractor or Native American resident veteran contractor preference pursuant to Section 13-4-2 NMSA 1978, a business or contractor shall submit with its bid or proposal a copy of a valid resident business, Native American resident business, resident veteran business or Native American resident veteran business certificate or valid resident contractor, Native American resident contractor, resident veteran contractor or Native American resident veteran contractor certificate issued by the taxation and revenue department.

( End of Section 4 )

**Section 5 - EVALUATION OF PROPOSALS**

5.1. **Evaluation Summary.** The following table is a summary of evaluation factors and the maximum point factors assigned to each. These will be used in the evaluation of each Offeror proposal submitted.

<b>MANDATORY SUBMITTAL REQUIREMENTS</b>		
<i>RFP Section</i>	<i>Description</i>	<i>Evaluation Method</i>
4.3.1	Required Information Form - Appendix A	Pass/Fail
4.3.2	Campaign Contribution Disclosure - Appendix B	Pass/Fail
4.3.3	Proof of Insurance	Pass/Fail

<b>SCORING CATEGORIES</b>		
<i>RFP Section</i>	<i>Description</i>	<i>Max. Possible Points</i>
4.4.1	Specialized Design & Technical Competence	25
4.4.2	Capacity and Capability	20
4.4.3	Past Record of Performance	20
4.4.4	Proximity to, or Familiarity with SSCAFCA’s Jurisdiction	15
4.4.5	Amount of Work to Be Produced in New Mexico	10
4.4.6	Current Volume of Work with the Contracting Agency Not 75% Complete	5
4.4.7	Quality and Content of Proposal	5
<b>TOTAL POINTS POSSIBLE (TPP)</b>		<b>100</b>

<b>APPLICATION OF PREFERENCES</b>		
4.4.8	Resident business or Native American resident business (See NMSA 1978, Section 13-1-22); <b>OR</b>	TPP + 8%
	Resident veteran business or Native American resident veteran business with annual gross revenues of up to six million dollars (\$6,000,000) in the preceding tax year (Up to 10 points, See NMSA 1978, Section 13-1-22)	TPP + 10%

( End of Section 5 )

## Appendix A – Required Information Form

### 1. IDENTITY OF OFFEROR:

FIRM NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

FEIN: \_\_\_\_\_

CONTACT PERSON FOR PROPOSAL: \_\_\_\_\_

E-MAIL ADDRESS\*: \_\_\_\_\_

ALTERNATE EMAIL CONTACT\*: \_\_\_\_\_

*SSCAFCA may attempt to contact Offeror via email. Please provide additional email contact information if available.*

### 2. DISCLOSURE OF ANY POTENTIAL CONFLICTS OF INTEREST

Please indicate any potential conflicts of interest including, but not limited to:

1. Accepting an assignment where duty to the client would conflict with the Offeror’s personal interest, or interest of another client.
2. Performing work for a client or having an interest which conflicts with this contract.
3. If NO conflict exists, write NONE below.


*(Please attach additional pages if necessary)*

### 3. LITIGATION STATUS

Provide a brief list of any pending, settled, tried, or other litigation the firm has been involved in for the past five (5) years relating to professional surveying services performed by the firm, with a description of the case(s) and their current status, if applicable. If not applicable, write NONE below.


*(Please attach additional pages if necessary)*

**4. SIGNATURE**

This page has been signed by a signatory with the authority to bind the Offeror. By signing this document, through the undersigned representative who has the authority to bind the Offeror, and by submitting this proposal in response to this RFP, the Offeror agrees to the following:

1. To perform the services required by such RFP and to adhere to all requirements, specifications, terms and conditions of the RFP.
2. To be bound by this proposal for a minimum of 60 days from the date proposals were due.
3. Receipt of all addenda that have been issued for this RFP.

SIGNED BY:

---

Name (print)

---

Signature

---

Title

---

Date

*(End of Appendix A)*

## Appendix B – Campaign Contribution Disclosure Form

**PROSPECTIVE CONTRACTOR NAME:** \_\_\_\_\_

Pursuant to the Procurement Code, Sections 13-1-28, et seq., NMSA 1978 and NMSA 1978, § 13-1-191.1 (2006), as amended by Laws of 2007, Chapter 234, any prospective contractor seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred fifty dollars (\$250.00) over the two year period.

Furthermore, the state agency or local public body may cancel a solicitation or proposed award for a proposed contract pursuant to Section 13-1-181 NMSA 1978 or a contract that is executed may be ratified or terminated pursuant to Section 13-1-182 NMSA 1978 of the Procurement Code if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

**THIS FORM MUST BE INCLUDED IN THE REQUEST FOR PROPOSALS AND MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBERS, OR THEIR REPRESENTATIVES HAVE MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.**

The following definitions apply:

**“Applicable public official”** means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

**“Campaign Contribution”** means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official's behalf for the purpose of electing the official to statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal



expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“**Family member**” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law of:

- (a) a prospective contractor, if the prospective contractor is a natural person; or
- (b) an owner of a prospective contractor.

“**Pendency of the procurement process**” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“**Prospective contractor**” means a person or business that is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person or business qualifies for a sole source or a small purchase contract.

“**Representative of a prospective contractor**” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

For the purposes of this procurement, the applicable public officials are the SCAFCA Board of Directors named below:

James Fahey Jr.  
4828 Corrales Rd.  
Corrales, NM 87048

Cassandra D’Antonio  
6031 Redondo Sierra Vista NE  
Rio Rancho, NM 87144

Mark Conkling  
2528 Sandia Loop NE  
Rio Rancho, NM 87124

John Chaney  
3592 Calle Suenos  
Rio Rancho, NM 87124

Ronald Abramshe  
852 Golden Yarrow Trail  
Bernalillo, NM 87004

**DISCLOSURE OF CONTRIBUTIONS BY PROSPECTIVE CONTRACTOR**

Contribution Made By: \_\_\_\_\_

Relation to Prospective Contractor: \_\_\_\_\_

Date Contribution(s) Made: \_\_\_\_\_

Amount(s) of Contribution(s): \_\_\_\_\_

Nature of Contribution(s): \_\_\_\_\_

Purpose of Contribution(s): \_\_\_\_\_

*(Attach extra pages if necessary)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title (position)

**— OR —**

**NO CONTRIBUTIONS** IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250.00) WERE MADE to an applicable public official by me, or my family members or my representatives.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title (position)

*(End of Appendix B)*

## **Appendix C – EJCDC E-505 Documents (4 Parts)**

**Part 1 – Main Agreement**

**Part 2 – Exhibits to Main Agreement**

**Part 3 – Task Order Form**

**Part 4 – Exhibits to Task Order Form**

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This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the specific Agreement between Owner and Engineer, and the controlling Laws and Regulations.

EJCDC® E-505, Agreement between Owner and Engineer for Professional Services—Task Order Edition, is published in four parts: (1) the Main Agreement (general provisions governing all Task Orders)(see below); (2) the Exhibits to Main Agreement; (3) the Task Order Form; and (4) the Exhibits to Task Order. The Main Agreement contains a Guidelines for Use section that pertains to all four parts of E-505.

## **AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES— TASK ORDER EDITION**

### **PART 1 OF 4: MAIN AGREEMENT**

Prepared by



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[www.nspe.org](http://www.nspe.org)

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(202) 347-7474  
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# **GUIDELINES FOR USE OF EJCDC® E-505, AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES—TASK ORDER EDITION**

## **1.0 PURPOSE AND INTENDED USE OF THE DOCUMENT**

EJCDC® E-505, Agreement Between Owner and Engineer for Professional Services—Task Order Edition, is intended for use when the project/facilities owner (“Owner”) and an engineering firm (“Engineer”) have an ongoing relationship, spanning multiple engineering tasks, assignments, or projects: for example, when a sewer district uses a specific engineering firm for all of the district’s wastewater conveyance projects. In such cases, EJCDC recommends that the two parties use the E-505 Main Agreement (and the Exhibits to Main Agreement) to establish their basic contractual relationship, and then use concise task orders for each specific project or assignment. Over time, the use of E-505 can greatly streamline the engineering services contracting process.

E-505 includes the same comprehensive range of terms and conditions present in EJCDC’s flagship Owner-Engineer document, EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services, but is designed to be used for multiple or recurring assignments (“tasks”), related to one or several projects. The numbering, structure, and content of E-500 and E-505 (including their exhibits) are similar.

The most noteworthy distinguishing feature of E-505 is its use of individual task orders for specific professional assignments. In a task order, the Owner and Engineer agree to terms, such as scope of services, schedule, and compensation, for a specific assignment. When a task order is issued, no drafting or negotiating is needed for Main Agreement provisions such as indemnification, insurance, claims, dispute resolution, suspension, termination, or the like, because these provisions will have been previously negotiated and set in place. This format allows individual assignments to be expeditiously made without the need to separately renegotiate the entire Main Agreement (or its exhibits) for each Task Order.

The 2020 edition of E-505 is published in four parts:

- Part 1: Main Agreement. This controlling agreement form contains the general terms and conditions that apply to all subsequently issued Task Orders. The Main Agreement addresses procedures for issuing Task Orders; general services to be furnished by the Engineer on all tasks; the Owner’s responsibilities; the term (length) of the Owner-Engineer standing contract; invoicing and payment; standard of care; ownership of documents; insurance; suspension and termination; indemnification; definitions; and conflicts of interest. The Main Agreement closes with a signature page.
- Part 2: Exhibits to Main Agreement. These exhibits are intended to supplement the Main Agreement and as such will have general application to all Task Orders. The exhibits use the lettering of their counterparts in E-500—for example, Exhibit C is the amendment form, and Exhibit G is the insurance coverage requirements, just as in E-500.
- The seven items in Part 2: Exhibits to Main Agreement, are as follows:
  - Exhibit C—Amendment to Main Agreement (form)
  - Exhibit F—Electronic Documents Protocol

- Exhibit G—Insurance
- Exhibit H—Dispute Resolution
- Exhibit I—Limitations of Liability
- Appendix 1—Reimbursable Expenses Schedule
- Appendix 2—Standard Hourly Rates Schedule
- Part 3: Task Order Form. This form is used by Owner and Engineer to define a specific task (scope of services) to be performed by the Engineer, and to specify the Engineer’s compensation for performing the task, and the schedule for completion of the services. The Task Order Form also allows the parties to identify baseline information about the task, and to clarify the relationship of the specific Task Order to other related Task Orders (if any)—will the pending Task Order supplement a prior related Task Order, or supersede it?
- Part 4: Exhibits to Task Order. Part 4 contains four exhibits intended for use with specific Task Orders:
  - Exhibit A, Engineer’s Services Under Task Order. Defining the specific scope of the Engineer’s services is a critical element of each Task Order. For limited-scope assignments, the parties may elect to define the Engineer’s scope of services in the body of the Task Order Form (see Task Order Form, Paragraph 3.A, second checkbox). For many assignments, however, EJCDC anticipates that the scope of services will be defined using E-505’s standard Exhibit A, as modified for the specific Task Order. The Guidance Notes at the beginning of Exhibit A explain how to customize the document to suit the needs of the assignment. E-505’s Exhibit A closely tracks the structure and organization of Exhibit A to E-500.
  - Exhibit B, Deliverables Schedule for Task Order. This exhibit presents an organized format (in table form) for a schedule of Engineer’s deliverables (for example, completion of a preliminary design report) and for Owner’s review times. For limited-scope assignments (especially those that do not use Exhibit A), the Task Order schedule can simply be stated in the Task Order itself (see Task Order Form, Paragraph 6), dispensing with the need for Exhibit B.
  - Exhibit D, Duties, Responsibilities, and Limitations of Authority of Resident Project Representative Under Task Order. One of the tasks that might be assigned to the Engineer under a Task Order is providing Resident Project Representative (RPR) services. Such services might be the sole assignment under a Task Order, or might be an adjunct service to design work or other services. RPR services are defined in Exhibit D. If RPR services are not part of the scope of a specific Task Order, do not include Exhibit D.
  - Exhibit E, EJCDC® C-626, Notice of Acceptability of Work (Form). This form should be included with a specific Task Order if the Engineer’s scope of services under that Task Order will include making a determination of the acceptability of the construction contractor’s Work. By including this form as an exhibit, both Owner and Engineer acknowledge the scope and limitations of this critical determination.

Depending on the Owner’s contracting procedures, the parties may want to enter into an initial Task Order at the same time that a specific Main Agreement and its exhibits are finalized, to establish an authorization

value for the contract—for example, if it is necessary to specify an initial or maximum contract value for authorization by the Owner’s governing authority.

EJCDC emphasizes that the Task Orders under E-505 are not unilateral directives of the Owner. Both parties must agree to the scope, schedule, and compensation terms for the specific task order/assignment. The Engineer is legally bound to undertake a particular assignment only if it joins the Owner in executing the associated Task Order. EJCDC also notes that the entry into an E-505 Main Agreement is not a commitment by the Owner to issue task orders to the Engineer, and the arrangement between the two parties is not exclusive or limiting. The Owner may choose to retain other engineers, and the Engineer is free to provide its services to other owners. This agreement form is especially suited for use with public or private owner engineering “pools” where services are assigned to selected engineers/firms on an as-needed basis.

E-505 2020 refers in various locations to “Engineer’s Subcontractors” and to “Subconsultants.” Both are defined terms in Paragraph 7.01.A, as is the term “Subcontractor.”

- “Subconsultant” replaces the term “Consultant” which had been used in prior editions of the Engineering Series documents, and refers specifically to a design firm or similar entity that provides professional services under contract to Engineer. Engineer may wish to consider using EJCDC® E-570 2020, Agreement between Engineer and Subconsultant for Professional Services, to engage its Subconsultants.
- “Engineer’s Subcontractor” is a term used for a subcontractor that provides general (non-professional) services, or materials or equipment to Engineer. The term is used in EJCDC® E-562, Agreement between Engineer and Engineer’s Subcontractor.
- Finally, E-505 refers in a few instances to the term “Subcontractor,” standing alone. This defined term refers to subcontractors of Contractor (the construction contractor), and is used here just as it is used in EJCDC® C-700, Standard General Conditions of the Construction Contract, and in other Construction Series documents.

**Special Guidance regarding the 2020 Edition:** As discussed above, the 2020 edition of E-505 is published and distributed to purchasers in four parts. The following points may be useful when using these parts for specific Agreements and Task Orders:

- When finalizing a specific Owner-Engineer Main Agreement, EJCDC recommends:
  - The user should keep the Word files for the two parts (Main Agreement; Exhibits to Main Agreement) separate. The two parts have somewhat different underlying styles and formatting. Merging the two parts into a single Word file could result in formatting problems.
  - When finalizing a specific Main Agreement, each of the two separate parts (Main Agreement; Exhibits to Main Agreement) can be converted to PDF, then merged into a single PDF document.
  - If the user moves text from one of the two parts to another (for example, if the user decides to move some or all of the contents of one of the exhibits into the Main Agreement document), take appropriate steps to preserve the formatting integrity of the receiving document.



- Similarly, when preparing a specific Task Order, EJCDC recommends:
  - The user should keep the Word files for the two parts (Task Order; Exhibits to Task Order) separate. The two parts have somewhat different underlying styles and formatting. Merging the two parts into a single Word file could result in formatting problems.
  - When finalizing the specific Task Order, each of the two separate parts (Task Order; Exhibits to Task Order) can be converted to PDF, then merged into a single PDF document.
  - If the user moves text from one of the two parts to another (for example, if the user decides to move some or all of the contents of one of the exhibits into the Task Order), take appropriate steps to preserve the formatting integrity of the receiving document.

## 2.0 OTHER DOCUMENTS

EJCDC documents are intended to be used as a system and changes in one EJCDC document may require a corresponding change in other documents. Other EJCDC documents may also serve as a reference to provide insight or guidance for the preparation of this document.

While preparing this document for use on a specific project, the user may decide to revise or supplement some of the standard provisions. When such changes are made, the user should review whether corresponding changes are needed in the following related EJCDC documents:

EJCDC Doc. No.	Document Title	Edition
E-570	Agreement between Engineer and Subconsultant for Professional Services	2020
C-700	Standard General Conditions of the Construction Contract	2018

The current (2017) and pending (2021) editions of EJCDC®E-001, Commentary on the EJCDC Engineering Services Documents, also provide additional information and guidance for the use of this document.

## 3.0 ORGANIZATION OF INFORMATION

All parties involved in a construction project benefit significantly from a standardized approach in the location of subject matter throughout the documents. Experience confirms the danger of addressing the same subject matter in more than one location; doing so frequently leads to conflicting requirements, confusion, and unanticipated legal consequences. Careful attention should be given to the guidance provided in EJCDC® N-122/AIA® A521™, Uniform Location of Subject Matter, when preparing construction documents. EJCDC® N-122/AIA® A521™ is available at no charge from the EJCDC website, [www.ejcdc.org](http://www.ejcdc.org), and from the websites of EJCDC's sponsoring organizations.

In addition, the current editions of MasterFormat and SectionFormat, published by the Construction Specifications Institute, provide useful guidance on the location of information and requirements in construction documents.

## 4.0 GUIDANCE NOTES AND NOTES TO USER

EJCDC Documents include Guidance Notes and Notes to User to provide guidance regarding the preparation of Project specific documents. Guidance Notes and Notes to User are lightly shaded to distinguish them from the proposed text of the document. As project-specific documents are prepared and made ready to publish, all shaded text (Guidance Notes and Notes to Users) should be deleted. These

notes are intended for use by the user in the preparation of the document and are not intended to be included in the completed document.

Guidance Notes provide information regarding the paragraphs which follow, including reasons for the paragraph, discussions of best practices, and alternate approaches for different situations.

Notes to User provide specific information for editing the document. When alternate paragraphs for different situation are presented, explanations on how to select the most appropriate alternate will be provided, with direction to delete those paragraphs not used. Paragraphs will automatically renumber when unused paragraphs are deleted.

## 5.0 EDITING THIS DOCUMENT

5.1 It is intended that the Main Agreement (Part 1 of 4) and the accompanying Exhibits to Main Agreement document (Part 2 of 4) be edited for each specific Agreement between Owner and Engineer. Similarly, it is intended that the Task Order Form (Part 3 of 4) and the Exhibits to Task Order (Part 4 of 4) be edited for each specific Task Order. Guidelines for editing include:

- A. Remove the cover pages, which consist of the title pages and these Guidelines for Use.
- B. For the Exhibits documents, review each standard exhibit, determine whether the exhibit will be used, and discard inapplicable exhibits, if any. (To preserve the organizational structure of the exhibits, consider deleting the inapplicable exhibit's text and title, while retaining the lettered heading as a placeholder; for example, "Exhibit B—Reserved.")
- C. Type in required information as indicated by brackets ([ ]). Bracketed text will usually provide instructions for what is to be inserted in place of the brackets. Delete brackets and change formatting to match existing text after specific text has been added, for example change "[Project Name]" to "Peach Street Renovation" (without brackets or bold, or quotation marks).
- D. Fill in blanks, if any. It will be more common for information to be inserted by user to be indicated by a prompt in brackets, as described in Paragraph C above, rather than by an underline-style blank.
- E. Most Notes to User are presented before the text to which they apply; some Notes to Users are interspersed in the text, usually within brackets. Delete all "Notes to User" after reviewing each note and taking appropriate action. Delete all associated numbering and brackets.
- F. Make specific modifications and supplementations, as appropriate. If such revisions affect any cross-references, revise the cross-references.
- G. Complete tables, if any.
- H. Address check-boxes, if any, by clicking in appropriate box.
- I. Delete Guidance Notes.
- J. A finalized Main Agreement will consist of the Main Agreement itself, including the executed signature blocks, together with the accompanying Exhibits to Main Agreement, as modified. A finalized Task Order will consist of the specific Task Order, including the executed signature blocks, and the Exhibits to Task Order, as modified. (See also the definition of the stand-alone term "Agreement," in Paragraph 7.01 of the Main Agreement.)

## 6.0 LICENSE AGREEMENT

This document is subject to the terms and conditions of the **License Agreement, 2020 EJCDC® Engineering Series Documents**. A copy of the License Agreement was furnished at the time of purchase of this document, and is available for review at [www.ejcdc.org](http://www.ejcdc.org) and the websites of EJCDC's sponsoring organizations.

**AGREEMENT BETWEEN OWNER AND ENGINEER  
FOR PROFESSIONAL SERVICES—TASK ORDER EDITION**

**MAIN AGREEMENT**

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# AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES—TASK ORDER EDITION

## MAIN AGREEMENT

This Main Agreement is a part of the Agreement between **Southern Sandoval County Arroyo Flood Control Authority** (Owner) and **[Name of Engineer]** (Engineer). Other terms used in the Agreement are defined in Article 7.

From time to time Owner may request that Engineer provide professional services for Specific Projects. Each engagement will be documented by a Task Order. This Main Agreement sets forth the general terms and conditions that apply to all duly executed Task Orders.

Owner and Engineer further agree as follows:

### ARTICLE 1—SERVICES OF ENGINEER

#### 1.01 General

- A. Engineer's services will be detailed in a duly executed Task Order for each Specific Project, or for a portion of a Specific Project.
- B. The Main Agreement is not a commitment by Owner to issue any Task Orders.
- C. Engineer will not be obligated to perform any prospective Task Order unless and until (1) Owner and Engineer agree to the particulars of the assignment, including the scope of Engineer's services, time for performance, Engineer's compensation, and all other appropriate matters, and include such particulars in the Task Order, and (2) Owner and Engineer both sign the Task Order.
- D. Each duly executed Task Order will be subject to the terms and conditions of (a) this Main Agreement; (b) the Main Agreement's exhibits; (c) any executed written amendments of the Main Agreement (see Exhibit C); (d) the specific Task Order itself; (e) the specific Task Order's exhibits; and (f) any amendments or modifications of the specific Task Order.

#### 1.02 Task Order Procedure

- A. The general recommended format of a Task Order is presented in the accompanying Task Order Form. Commonly-used Task Order exhibits are presented in the accompanying Exhibits to Task Order document.
- B. Each specific Task Order will indicate:
  - 1. Project Background Data;
  - 2. Specific services to be performed by Engineer ("Scope"), including key deliverables;
  - 3. Additions or Modifications to Owner's Responsibilities;
  - 4. Task Order Schedule;

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Main Agreement.

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and American Society of Civil Engineers. All rights reserved.

5. Engineer's Compensation for Task Order; and
  6. Primary Subconsultants, if any.
- C. With respect to the Engineer's scope of services under a specific Task Order, each specific Task Order will either (1) be accompanied by and incorporate an Exhibit A, "Engineer's Services Under Task Order," and Exhibit B, "Deliverables Schedule," prepared for the specific Task Order, or (2) state a customized scope of services and deliverables schedule in the Task Order document itself or in an attachment.
- D. Upon signature of the Task Order by both parties (but no earlier than the Effective Date of the specific Task Order), Engineer will commence performance and furnish, or cause to be furnished, the services authorized by the Task Order.
- E. Task Orders may be amended as set forth in Paragraph 8.05.B of this Main Agreement.

### 1.03 Management of Engineering Services

- A. All phases of Engineer's services under each Task Order will include management of Engineer's Specific Project responsibilities, including but not limited to the following management tasks, whether separately tracked and itemized or included as being incidental to other phase and scope task items.
1. Develop and submit an Engineering Services Schedule. The Engineering Services Schedule will:
    - a. be consistent with and serve as a supplement to the Schedule of Deliverables set forth in Exhibit B to Task Order.
    - b. be updated on a regular basis, and as required to reflect any programmatic decisions by Owner.
    - c. include, but not be limited to, an anticipated sequence of tasks; estimates of task duration; interrelationships among tasks; milestone meetings and submittals; anticipated schedule of construction; and other pertinent Project events.
  2. Develop and submit detailed work plans from Exhibit A to Task Order tasks.
  3. Coordinate services within Engineer's internal team, and with Subconsultants and Engineer's Subcontractors.
  4. Prepare for and participate in meetings with consultants and contractors working on other parts of the Specific Project that may affect, or be affected by, Engineer's services or resulting construction.
  5. Prepare and submit **[monthly]** engineering services progress reports to the Owner. Include a summary of services performed in period, expected progress in next period, percent completion of current tasks, and a description of major issues or concerns.
  6. Special Invoicing: In addition to, or as a substitute for, Engineer's standard invoicing, for each invoice provide the specified additional information or documentation, following the invoicing procedures indicated: **[Not Applicable]**.
  7. Conduct ongoing management tasks, including:

- a. Maintaining communications records and files pertaining to or arising from Engineer's services;
  - b. With respect to Engineer's services and other directly relevant parts of the Specific Project, prepare for and participate in periodic progress meetings with Owner to discuss progress, schedule, budget, issues, potential problems and their resolution; and
  - c. Preparing agendas prior to and minutes following all Engineer-led meetings.
- B. Unless a different standard is expressly set forth in a specific Task Order, in all phases of Engineer's services, Engineer shall prepare draft and final Drawings in accordance with **[National CAD standards]**, using **[AutoCAD Civil3D version 2023 or later]** software.
- C. The source documents for the draft and final Specifications in all phases of Engineer's services will be **[SSCAFCA/American Public Works Association standard specifications]**, unless a different source document is expressly identified in the specific Task Order.
- 1.04 Sequencing and Coordination
- A. For each Task Order, the Work to be designed or specified by Engineer, upon which the Engineer's scope has been established, will be performed or furnished under one prime Construction Contract, unless specified otherwise in the Task Order.
- B. If the Work designed or specified by Engineer under a specific Task Order is to be performed or furnished under more than one prime Construction Contract, or if Engineer's services are to be separately sequenced with the work of one or more of Owner's consultants or contractors (such as in the case of fast-tracking), then:
- 1. the Task Order's Deliverables Schedule will account for the need to sequence and properly coordinate Engineer's services as applicable to the Work under the Construction Contracts; or
  - 2. If the Task Order does not address such sequencing and coordination, then Owner and Engineer will jointly develop a schedule for sequencing and coordination of services prior to commencement of final design services; this schedule is to be prepared and included in or become an amendment to the authorizing Task Order, whether the work under such contracts is to proceed concurrently or sequentially.

## ARTICLE 2—OWNER'S RESPONSIBILITIES

### 2.01 Application of Owner's Responsibilities

- A. The responsibilities of Owner set forth in Article 2 apply to each Specific Project and each specific Task Order. Supplemental responsibilities of Owner applicable only to a specific Task Order may be stated in the specific Task Order.

### 2.02 Project Information

- A. To the extent Owner has not already provided the following, or has new, additional, or revised information from that previously provided, Owner shall provide Engineer with information and data needed by Engineer in the performance of the Specific Project, including Owner's:



1. design objectives and constraints;
  2. space, capacity, and performance requirements;
  3. flexibility and expandability needs;
  4. design and construction standards;
  5. budgetary limitations; and
  6. any other available information pertinent to the Specific Project including reports and data relative to previous designs, construction, or investigation at or adjacent to the Site.
- B. Following Engineer's assessment of initially-available information and data and upon Engineer's request, Owner shall obtain, furnish, or otherwise make available (if necessary through retention of specialists or consultants) such additional information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services under the Task Order; or, with consent of Engineer, Owner may authorize the Engineer to obtain or provide all or part of such additional information as Additional Services. Such additional information or data may include the following:
1. Property descriptions.
  2. Zoning, deed, and other land use restrictions.
  3. Surveys, Mapping, and Utility Documentation.
  4. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
  5. Explorations and tests of subsurface conditions at or adjacent to the Site; geotechnical reports and investigations; drawings of physical conditions relating to existing surface or subsurface structures at the Site; hydrographic surveys, laboratory tests and inspections of samples, materials, and equipment; with appropriate professional interpretation of such information or data.
  6. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental, historical, or cultural studies relevant to the Specific Project, the Site, and adjacent areas.
  7. Data or consultations as required for the specific Task Order but not otherwise identified in this Agreement.
- C. Owner shall examine all alternative solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, risk manager, insurance counselor, financial/municipal advisor, and other advisors or consultants as Owner deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
- D. If a specific Task Order requires Engineer to assist Owner in collating the various cost categories that comprise Total Project Costs, Owner shall furnish to Engineer data as to Owner's anticipated costs for services to be provided to Owner by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice).

- E. Owner shall advise Engineer if any invention, design, process, product, or device that Owner has requested, required, or recommended for inclusion in the Drawings or Specifications prepared or furnished under a Task Order will be subject to payment (whether by Owner or Contractor) of any license fee or royalty to others, as required by patent rights or copyrights.
- F. Owner shall inform Engineer as to whether Engineer's assistance is requested with respect to Owner's evaluation of the possible use of Project Strategies, Technologies, and Techniques, as defined in Exhibit A to Task Order.
- G. Owner shall inform Engineer as to whether Engineer's assistance is requested in identifying opportunities for enhancing the sustainability of the Specific Project.

2.03 Owner's Instructions Regarding Bidding and Construction Contract Documents

- A. Owner shall give instructions to Engineer regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable) and Owner's construction contract practices and requirements, and furnish to Engineer (or give specific directions requesting Engineer to use copies already in Engineer's possession) the following:
  - 1. Owner's standard contract forms, general conditions (if other than the current edition of EJCDC® C-700, Standard General Conditions of the Construction Contract), supplementary conditions, text, and related documents and content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and in draft Construction Contract Documents;
  - 2. insurance and bonding requirements;
  - 3. protocols for electronic transmittals during bidding and construction;
  - 4. Owner's safety and security programs applicable to Contractor and other Constructors;
  - 5. diversity and other social responsibility requirements;
  - 6. bidding and contract requirements of funding, financing, or regulatory entities;
  - 7. other specific conditions applicable to the procurement of construction or contract documents;
  - 8. any other information necessary for Engineer to assist Owner in preparing, for each Specific Project, bidding-related documents (or requests for proposals or other construction procurement documents) and Construction Contract Documents.
- B. Owner shall have responsibility for the final content of (1) such bidding-related documents (or requests for proposals or other construction procurement documents), and (2) those portions of any Construction Contract other than the design (as set forth in the Drawings, Specifications, or otherwise) and other engineering or technical matters.
  - 1. Owner shall seek the advice of Owner's legal counsel, risk managers, and insurance advisors with respect to the drafting and content of such documents.
- C. Owner shall place and pay for advertisements for Bids in appropriate publications.

## 2.04 Owner-Furnished Services

- A. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, Owner shall obtain, as required for each Specific Project:
  - 1. Accounting, bond and financial advisory services (including, if applicable, "municipal advisor" services as described in Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) and the municipal advisor registration rules issued by the Securities and Exchange Commission), independent cost estimating, and insurance counseling services.
  - 2. Legal services, including attorney review of proposed Construction Contract Documents, legal services required by Owner, legal services needed as a result of issues raised by Contractor, and Project-related legal services reasonably requested by Engineer.
  - 3. Auditing services, including those needed by Owner to ascertain how or for what purpose Contractor has used money paid to it.
- B. Owner shall provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Construction Contract Documents (other than those required to be furnished or arranged by Contractor), or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof. Owner shall provide Engineer with the findings and reports generated by testing laboratories, including findings and reports obtained from or through Contractor.
- C. Owner shall acquire or arrange for acquisition of the Site(s) and any temporary or permanent rights of access, easements, or property rights needed for each Specific Project.
- D. With respect to the portions or phases of each Specific Project designed or specified by Engineer, Owner shall provide, obtain, or arrange for:
  - 1. all required reviews, approvals, consents, and permits from governmental authorities having jurisdiction, and
  - 2. such reviews, approvals, and consents from others as may be necessary for completion of each portion or phase of the Specific Project.
- E. Owner may delegate to a Contractor or others the responsibilities set forth in Paragraphs 2.04.C and D.

## 2.05 Owner's General Responsibilities

- A. Owner shall inform Engineer of the policies, procedures, and requirements of Owner that are applicable to Engineer's performance of services under this Agreement and under each Task Order.
- B. Owner will provide Engineer with Owner's budget for each Specific Project, including type and source of funding to be used and will promptly inform Engineer if the budget or funding sources change.

- C. Owner shall inform Engineer in writing of any safety or security programs that are applicable to the personnel of Engineer, its Subconsultants, and Engineer's Subcontractors, as they visit the Site or otherwise perform services under this Agreement and under each Task Order.
- D. Owner shall arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under this Agreement and under each Task Order.
- E. Owner shall provide necessary direction and make decisions, including prompt review of Engineer's submittals, and carry out its other responsibilities in a timely manner so as not to delay Engineer's performance of its services.
- F. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement or any Task Order. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement or any Task Order, subject to any express limitations or reservations applicable to the furnished items.
- G. Owner shall give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of:
  - 1. any development that affects the scope or time of performance of Engineer's services;
  - 2. the presence at the Site of any Constituent of Concern; or
  - 3. any relevant, material defect or nonconformance in: (a) Engineer's services, (b) the Work, (c) the performance of any Constructor, or (d) Owner's performance of its responsibilities under this Agreement.
- H. Owner shall advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to a Specific Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructability review.
- I. If Owner designates a construction manager, site representative, or any individual or entity other than, or in addition to, Engineer to represent Owner at the Site, then Owner shall define and set forth, in an exhibit to the governing Task Order, the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- J. Owner shall:
  - 1. Attend and participate in the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job-related meetings, and Site visits to determine Substantial Completion and readiness of the completed Work for final payment.
  - 2. Primarily communicate with Engineer's Subcontractors and Subconsultants through the Engineer.
    - a. Promptly inform Engineer of the substance of any communications between Owner and Engineer's Subcontractors or Subconsultants.

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**Main Agreement.**

- b. Refrain from directing the services of Engineer's Subcontractors or Subconsultants.
- 3. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of each Task Order, as required.
- 4. Perform or provide the following:
  - a. All other Owner responsibilities expressly identified in any Task Order, not otherwise set forth in this Agreement.
  - b. **[Not Applicable]**.

2.06 Payment

- A. Owner shall pay Engineer as set forth in each Task Order, pursuant to the applicable terms of Article 4.

**ARTICLE 3—TERM AND TIMES FOR RENDERING SERVICES**

3.01 Term

- A. This Agreement will be effective and applicable to Task Orders issued hereunder for **[one (1) year]** from the Effective Date of the Agreement.
- B. The parties may extend or renew this Agreement, with or without changes, by written instrument establishing a new term **[annually for up to three (3) additional years]**.

3.02 Commencement

- A. Engineer is authorized to begin rendering services under a Task Order as of the Effective Date of the Task Order.

3.03 Time for Completion

- A. The Effective Date of the Task Order and the times for completing services or providing deliverables will be stated in each Task Order.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, will be adjusted equitably.
- C. If Owner authorizes changes in the scope, extent, or character of a Specific Project, or of Engineer's services, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, will be adjusted equitably.
- D. If the Contract Times to complete the Work under a Construction Contract are extended beyond the period stated in the governing Task Order, Owner will pay Engineer for the additional services during the extension based on the Standard Hourly Rates Method of Payment.
- E. If Engineer fails, for reasons within the control of Engineer, to complete the performance required in a Task Order within the time set forth, as duly adjusted, then Owner shall be entitled, as its sole remedy, to the recovery of direct damages to the extent, if any, resulting from such failure by Engineer.

## ARTICLE 4—INVOICES AND PAYMENTS

### 4.01 Invoices

- A. Preparation and Submittal of Invoices: Engineer shall prepare invoices in accordance with its standard invoicing practices; the terms of any progress reporting and special invoicing requirements in Paragraph 1.03, or as otherwise required in Exhibit A to the Task Order; and with the applicable terms of Appendix 1 to Main Agreement, Reimbursable Expenses Schedule, and Appendix 2 to Main Agreement, Standard Hourly Rates Schedule. Engineer shall submit its invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt.

### 4.02 Payments

- A. Application to Interest and Principal: Payment will be credited first to any interest owed to Engineer and then to principal.
- B. Disputed Invoices: If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion, subject to the terms of Article 4. After a disputed item has been resolved, Engineer shall include the agreed-upon amount on a new invoice.
- C. Failure to Pay: If Owner fails to make any undisputed payment due Engineer within 30 days after receipt of Engineer's invoice, then:
  1. amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day, and
  2. Engineer may, after giving 7 days' written notice to Owner, suspend services under this Agreement until Owner has paid in full amounts due. Owner waives any and all claims against Engineer for any such suspension.
- D. Sales or Use Taxes: If after the Effective Date of a Task Order any governmental entity takes an action that imposes additional sales or use taxes on Engineer's services or compensation under the Task Order, then Engineer may invoice such additional sales or use taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional sales or use taxes; such reimbursement will be in addition to the compensation to which Engineer is entitled under the terms of this Main Agreement and the specific Task Order.

### 4.03 Basis of Compensation

- A. The bases of compensation (compensation methods) for Basic Services (including if applicable the bases of compensation for individual phases of Basic Services) and for Additional Services must be identified in each specific Task Order (Task Order Form, Paragraph 6). Owner shall pay Engineer for services in accordance with the applicable basis of compensation.
- B. The three following bases of compensation are used for services under Task Orders, as identified in each specific Task Order:
  1. Lump Sum (plus any expenses expressly eligible for reimbursement)

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2. Standard Hourly Rates (plus any expenses expressly eligible for reimbursement)
  3. **[Not Applicable].**
- C. The terms and conditions applicable to each of the three compensation methods are set forth in Paragraph 4.04.

#### 4.04 Explanation of Compensation Methods

##### A. Lump Sum

1. Owner shall pay Engineer a Lump Sum amount for the specified category of services.
2. The Lump Sum will include compensation for Engineer's services and services of Engineer's Subcontractors and Subconsultants, if any. The Lump Sum constitutes full and complete compensation for Engineer's services in the specified category, including labor costs, overhead, profit, expenses (other than those expenses expressly eligible for reimbursement, if any), and Engineer's Subcontractor and Subconsultant charges.
3. In addition to the Lump Sum, Engineer is also entitled to reimbursement from Owner for the following expenses reasonably and necessarily incurred by Engineer in connection with the performing or furnishing of the services in the specified category (see Appendix 1 for rates or charges):
  - a. **[Not Applicable].**
4. The portion of the Lump Sum amount billed for Engineer's services will be based upon Engineer's estimate of the proportion of the total services completed during the billing period to the Lump Sum.

##### B. Standard Hourly Rates

1. For the specified category of services, the Owner shall pay Engineer an amount equal to the cumulative hours charged to the Specific Project by each class of Engineer's employees times Standard Hourly Rates for each applicable billing class. Under this method, Engineer shall also be entitled to reimbursement from Owner for the expenses identified in Paragraph 4.05 below, and Appendix 1.
2. Standard Hourly Rates include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
3. Engineer's Reimbursable Expenses Schedule and Standard Hourly Rates are attached to this Agreement as Appendices 1 and 2.
4. The total estimated compensation for the specified category of services will be stated in the Task Order. This total estimated compensation will incorporate all labor at Standard Hourly Rates, and reimbursable expenses (including Engineer's Subcontractor and Subconsultant charges, if any).
5. The amounts billed will be based on the cumulative hours charged to the specified category of services on the Specific Project during the billing period by each class of Engineer's employees times Standard Hourly Rates for each applicable billing class, plus reimbursable expenses (including Engineer's Subcontractor and Subconsultant charges, if any).

6. The Standard Hourly Rates and Reimbursable Expenses Schedule will be adjusted annually (as of **[Date]**) to reflect equitable changes in the compensation payable to Engineer.

C. **[Not Applicable].**

4.05 Reimbursable Expenses

- A. Under the Lump Sum method basis of compensation to Engineer, unless expressly indicated otherwise the Lump Sum amount includes the following categories of expenses: transportation (including mileage), lodging, and subsistence incidental thereto; providing and maintaining field office facilities including furnishings and utilities; toll telephone calls, mobile phone services, and courier charges; reproduction of reports, Drawings, Specifications, bidding-related or other procurement documents, Construction Contract Documents, and similar Specific Project-related items; and Engineer's Subcontractor and Subconsultant charges. These expenses are not reimbursable under the Lump Sum method, unless expressly indicated otherwise in Paragraph 4.04.A.3 above.
- B. **[Not Applicable].**
- C. **[Not Applicable].**
- D. The amounts payable to Engineer for reimbursable expenses will be the Project-specific internal expenses actually incurred or allocated by Engineer, plus all invoiced external reimbursable expenses allocable to the Specific Project, the latter multiplied by a factor of **[1.00]**.
- E. Whenever Engineer is entitled to compensation for the charges of its Consultants, those charges will be the amount billed by such Consultants to Engineer times a factor of **[1.10]**.
- F. The external reimbursable expenses and Consultants' factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.

4.06 Other Provisions Concerning Payment

- A. Estimated Compensation Amounts
  1. Engineer's estimate of the amounts that will become payable for services are only estimates for planning purposes, are not binding on the parties, and are not the minimum or maximum amounts payable to Engineer under the Agreement.
  2. When estimated compensation amounts have been stated in a Task Order and it subsequently becomes apparent to Engineer that a compensation amount thus estimated will be exceeded, Engineer shall give Owner written notice thereof, allowing Owner to consider its options, including suspension or termination for Owner's convenience of Engineer's services under the Task Order. Upon notice, Owner and Engineer will promptly review the matter of services remaining to be performed and compensation for such services. Owner shall either exercise its right to suspend or terminate Engineer's services under the Task Order for Owner's convenience, agree to such compensation exceeding said estimated amount, or agree to a reduction in the remaining services to be rendered by Engineer, so that total compensation for such services will not exceed said estimated amount when such services are completed. If



Owner decides not to suspend the Engineer's services during the negotiations and Engineer exceeds the estimated amount before Owner and Engineer have agreed to an increase in the compensation due Engineer or a reduction in the remaining services, then Engineer will be paid for all services rendered.

## ARTICLE 5—OPINIONS OF COST

### 5.01 Opinions of Probable Construction Cost

- A. Engineer's opinions of probable Construction Cost (if any) are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, then Owner agrees to obtain an independent cost estimate.

### 5.02 Opinions of Total Project Costs

- A. The services, if any, of Engineer with respect to Total Project Costs will be limited to assisting the Owner in tabulating the various categories that comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

## ARTICLE 6—GENERAL CONSIDERATIONS

### 6.01 Standards of Performance

- A. Standard of Care: The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession [**deemed in "responsible charge", as defined in the New Mexico Engineering & Surveying Act, NMSA Section 61-23-3**]. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer.
- B. Technical Accuracy: Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.
- C. Engineer's Subcontractors and Subconsultants: Engineer may retain such Engineer's Subcontractors and Subconsultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. Reliance on Others: Subject to the standard of care set forth in Paragraph 6.01.A, Engineer may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- E. Compliance with Laws and Regulations, and Policies and Procedures

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1. Engineer and Owner shall comply with applicable Laws and Regulations.
  2. Engineer shall comply with the policies, procedures, and instructions of Owner that are applicable to Engineer's performance of services under this Agreement and that Owner provides to Engineer in writing, subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
  3. This Agreement is based on Laws and Regulations and Owner-provided written policies and procedures as of the Effective Date. The following may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation:
    - a. changes after the Effective Date of the Task Order to Laws and Regulations,
    - b. the receipt by Engineer after the Effective Date of the Task Order of Owner-provided written policies and procedures, and
    - c. changes after the Effective Date of the Task Order to Owner-provided written policies or procedures.
- F. General Conditions of Construction Contract: The general conditions for any construction contract documents prepared hereunder are to be the current edition of EJCDC® C-700, Standard General Conditions of the Construction Contract, prepared by the Engineers Joint Contract Documents Committee, unless expressly indicated otherwise in this Agreement.
- G. Copies of Drawings and Specifications: If Engineer is required to prepare or furnish Drawings or Specifications under a specific Task Order, Engineer shall deliver to Owner at least one complete electronic copy of such Drawings and Specifications, signed and sealed according to applicable Laws and Regulations, and one complete printed copy, duly signed and sealed.
- H. Engineer shall not be required to sign any document, no matter by whom requested, that would result in Engineer having to certify, guarantee, or warrant conditions whose existence the Engineer cannot ascertain within the authorized scope of Engineer's services. Owner agrees not to make resolution of any dispute with Engineer or payment of any amount due to Engineer in any way contingent upon Engineer signing any such document.
- I. Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor will Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.
- J. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work in accordance with the Construction Contract Documents.
- K. Engineer shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made by Engineer.

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- L. Engineer is not required to provide and does not have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- M. Engineer's services do not include providing legal advice or representation.
- N. Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances.
- O. While at the Site, Engineer, its Subconsultants, and Engineer's Subcontractors, and their employees and representatives will comply with the applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

#### 6.02 Ownership and Use of Documents

- A. All Documents are instruments of service, and Engineer owns the Documents, including all associated copyrights and the right of reuse at the discretion of the Engineer, subject to the following provisions:
  - 1. Upon receipt by Engineer of full payment due and owing for all services relating to preparation of the Documents for a Specific Project and subject to the explicit exclusions in this Paragraph 6.02.A, Engineer and any Subconsultants will grant to Owner the ownership of the Documents for that Specific Project, including all associated copyrights and the right of reuse.
  - 2. When requested by Owner, Engineer will perform any clerical or administrative acts reasonably necessary to confirm or record the transfer of Engineer's interests in the Documents to the Owner, and Owner will reimburse the Engineer for its costs to comply with the transfer request.
  - 3. Engineer shall have and retain the ownership, title, and property rights, including copyright, patent, intellectual property, and common law rights, in any design elements (including but not limited to standard details, drawings, plans, specifications, methodologies, and engineering computations) used in the Documents, but developed by Engineer or its Subconsultants previous to or independent of this Agreement ("Previously/Independently Created Works"). Engineer shall provide appropriate verification of such previous or independent development upon Owner's request.
  - 4. Upon receipt by Engineer of full payment due and owing for all services relating to preparation of the Documents for a Specific Project, Engineer will issue to Owner a royalty-free, nonexclusive and irrevocable license to use such Previously/Independently Created Works on that Specific Project or on any extension of that Specific Project.
  - 5. Owner acknowledges that the Documents are not intended or represented to be suitable for use on the Specific Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Specific Project, on any other project or Specific

Project, or for any other use or purpose, without written verification or adaptation by Engineer.

6. Any such use or reuse, or any modification of the Documents for a Specific Project, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and Consultants.
  7. Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Subconsultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the Documents for a Specific Project without written verification, completion, or adaptation by Engineer.
  8. Such limited license to Owner shall not create any rights in third parties.
  9. Nothing herein limits the Engineer's right of use or reuse of Previously/Independently Created Works or any of Engineer's non-Document work product.
- B. If Engineer, at Owner's request, verifies the suitability of the Documents, completes them, or adapts them for extensions of the Project or for any other purpose, then Owner shall compensate Engineer at rates or in an amount to be agreed upon by Owner and Engineer.
- C. Engineer shall inform Owner if Engineer is aware of any invention, design, process, product, or device specified in the Drawings, Specifications, or other Documents that is subject to payment (whether by Owner or Contractor) of any license fee or royalty to others, as required by patent rights or copyrights. If Engineer's good-faith inclusion in the Drawings, Specifications, or other Documents of new, innovative, or non-standard technologies, for the benefit of Owner and the Project, results in third-party claims of infringement or violation of intellectual property rights, then Owner and Engineer shall share equally the costs of defending against, settling, or paying such claims.
- D. Engineer will obtain Owner's consent, which will not be unreasonably withheld, prior to releasing any publicity, including news and press releases, promotional publications, award and prize competition submittals, and other advertising regarding the subject matter of this Agreement. Nothing herein will limit the Engineer's right to include information in statements of qualifications and proposals to others accurately describing its participation and participation of employees in the Project.

#### 6.03 Electronic Transmittals

- A. To the fullest extent practical, Owner and Engineer agree to transmit, and accept, all correspondence, Documents, text, data, drawings, information, and graphics related to each Specific Project, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with Exhibit F, Electronic Documents Protocol (EDP).
1. Compliance with the EDP by Engineer shall be considered a Basic Service and no direct or separate compensation will be paid to Engineer for such compliance, unless provisions for separate compensation are expressly set forth in the EDP or in a specific Task Order.

2. Engineer's costs directly attributable to changes in Engineer's Electronic Documents obligations, after the effective date of this Agreement, necessitated by revisions to Exhibit F, delayed adoption of Exhibit F, or implementation of other Electronic Documents protocols, will be compensated as Additional Services.
- B. If this Agreement does not include Exhibit F, or a specific Task Order expressly excludes the application of Exhibit F or otherwise does not establish or include protocols for transmittal of Electronic Documents by Electronic Means, then Owner and Engineer may operate without specific protocols or may jointly develop such protocols at a later date.
  - C. Except as stated otherwise in Exhibit F (if included in this Agreement), when transmitting Electronic Documents by Electronic Means, the transmitting party makes no representations as to long term compatibility, usability, or readability of the Electronic Documents resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the Electronic Documents, or from those established in applicable protocols.
  - D. This Agreement (including the EDP) is not intended to create obligations for Owner or Engineer with respect to transmittals to or from third parties, except as expressly stated in the EDP.

#### 6.04 Insurance

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G.
- B. Additional Insureds: The Engineer's commercial general liability, automobile liability, and umbrella or excess liability policies, must:
  1. include and list as additional insureds Owner, and any individuals or entities identified as additional insureds in Exhibit G;
  2. include coverage for the respective officers, directors, members, partners, and employees of all such additional insureds;
  3. afford primary coverage to these additional insureds for all claims covered thereby (including as applicable those arising from both ongoing and completed operations); and
  4. not seek contribution from insurance maintained by the additional insured.
- C. Owner shall procure and maintain insurance as set forth in Exhibit G.
- D. Owner shall require Contractor to purchase and maintain policies of insurance covering workers' compensation, general liability, motor vehicle damage and injuries, and other insurance necessary to protect Owner's and Engineer's interests in the Project. Owner shall require Contractor to cause Engineer, its Subconsultants, and Engineer's Subcontractors to be listed as additional insureds with respect to such liability insurance purchased and maintained by Contractor for the Project. Owner shall give Engineer access to any certificates of insurance and copies of endorsements and policies obtained by Owner from Contractor.
- E. Owner and Engineer shall each deliver to the other certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates must be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.

1. Upon request by Owner or any other insured, Engineer shall also furnish other evidence of such required insurance, including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, full disclosure of all relevant exclusions, and evidence of insurance required to be purchased and maintained by Subconsultants and Engineer's Subcontractors. In any documentation made available for review under this provision, Engineer may redact (a) any confidential premium or pricing information and (b) any wording specific to projects or jurisdictions other than those applicable to this Agreement.
- F. Builder's Risk (or similar) Property Insurance: **[not used]**
- G. All policies of property insurance relating to a Specific Project, including but not limited to any builder's risk or similar policy, must allow for waiver of subrogation rights and contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insured thereunder or against Engineer, its Subconsultants, or Engineer's Subcontractors. Owner and Engineer waive all rights against each other, Contractor, Engineer's Subcontractors and Subconsultants, and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils or causes of loss covered by any such builder's risk or similar policy and any other property insurance relating to the Specific Project. Owner and Engineer shall take appropriate measures in other Specific Project-related contracts to secure waivers of rights consistent with those set forth in this paragraph.
- H. All policies of insurance must contain a provision or endorsement that the coverage afforded will not be canceled, and that renewal will not be refused, until at least 10 days prior written notice has been given to the primary insured. Upon receipt of such notice, the primary insured must promptly forward a copy of the notice to the other party to this Agreement and replace the coverage being cancelled or reduced to conform to the requirements of this Agreement.
- I. At any time, Owner may request that Engineer, or Engineer's Subcontractors or Subconsultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so, requested by Owner, and if commercially available, Engineer shall obtain and shall require Engineer's Subcontractors or Subconsultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

#### 6.05 Suspension and Termination

##### A. Suspension

1. By Owner: Owner may suspend Engineer's services under a specific Task Order for up to 90 days upon 7 days' written notice to Engineer.
2. By Engineer: Engineer may, after giving 7 days' written notice to Owner, suspend services under a Task Order:
  - a. if Owner has failed to pay Engineer for invoiced services and expenses under that Task Order, as set forth in Paragraphs 4.02.B and 4.02.C;

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- b. in response to the presence of Constituents of Concern at the Site, as set forth in Paragraph 6.09.D; or
    - c. if persistent circumstances beyond the control of Engineer have prevented it from performing its obligations under the Task Order.
  - 3. A suspension under a specific Task Order, whether by Owner or Engineer, does not affect the duty of the two parties to proceed with their obligations under other Task Orders.
- B. Termination for Cause—Task Order
  - 1. Either party may terminate a Task Order for cause upon 30 days' written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement and the specific Task Order, through no fault of the terminating party.
    - a. Notwithstanding the foregoing, the Task Order will not terminate under Paragraph 6.05.B.1 if the party receiving such notice begins, within 7 days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein will extend up to, but in no case more than, 60 days after the date of receipt of the notice.
  - 2. In addition to its termination rights in Paragraph 6.05.B.1, Engineer may terminate a Task Order for cause upon 7 days' written notice:
    - a. if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional;
    - b. if the Engineer's services under the Task Order are delayed or suspended for more than 90 days for reasons beyond Engineer's control; or
    - c. as the result of the presence at or adjacent to the Site of undisclosed Constituents of Concern, as set forth in Paragraph 6.09.E.
  - 3. Engineer will have no liability to Owner on account of any termination by Engineer for cause.
- C. Termination for Cause—Main Agreement: In the case of a default by Owner in its obligation to pay Engineer for its services under more than one specific Task Order, Engineer may request immediate payment of all amounts invoiced on other Task Orders, and may invoice Owner for continued services on such Task Orders on a two-week billing cycle, with payment due within one week of an invoice. If Owner fails to make such payments, then upon 7 days' notice Engineer may terminate this Main Agreement and all Task Orders.
- D. Termination for Convenience by Owner: Owner may terminate a Task Order or this Main Agreement for Owner's convenience, effective upon Engineer's receipt of notice from Owner.
- E. Effective Date of Termination: If Owner terminates the Main Agreement for cause or convenience, Owner may set the effective date of termination at a time up to 30 days later

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than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble project materials in orderly files. Engineer shall be entitled to compensation for such tasks.

- F. **Payments Upon Termination:** In the event of any termination under Paragraph 6.05, Engineer will be entitled to invoice Owner and to receive full payment for all services that have been performed or furnished in accordance with this Main Agreement and the specific Task Order, and all reimbursable expenses incurred through the effective date of termination. Upon making such payment, Owner will have the limited right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.02.A.
1. If Owner has terminated a Task Order for cause and disputes Engineer's entitlement to compensation for services and reimbursement of expenses, then Engineer's entitlement to payment and Owner's rights to the use of the Documents will be resolved in accordance with the dispute resolution provisions of this Main Agreement or as otherwise agreed in writing.
  2. If Owner has terminated the Main Agreement for convenience, or if Engineer has terminated a Task Order for cause, then Engineer will be entitled, in addition to the payments identified above, to invoice Owner and receive payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Subcontractors or Subconsultants, and other related close-out costs, using methods and rates for Additional Services as set forth in this Main Agreement.

**6.06 Successors, Assigns, and Beneficiaries**

- A. Owner and Engineer are hereby bound and the successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 6.06.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Main Agreement and any Task Order issued under this Main Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, claims arising out of this Agreement or money that is due or may become due) in this Main Agreement, or in any Task Order, without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Main Agreement or any Task Order.
- C. Unless expressly provided otherwise in this Main Agreement:
1. All duties and responsibilities undertaken pursuant to this Main Agreement or any Task Order will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.



2. Nothing in this Main Agreement or in any Task Order will be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them.
3. Owner agrees that the substance of the provisions of this Paragraph 6.06.C will appear in all Construction Contracts associated with this Main Agreement and its Task Orders.

#### 6.07 Dispute Resolution

- A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice, prior to invoking mediation.
- B. Mediation: Owner and Engineer agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Main Agreement or any Task Order hereunder, or to any breach of this Main Agreement or any Task Order (“Disputes”) to mediation. Owner and Engineer agree to participate in the mediation process in good faith. The process will be conducted on a confidential basis, and must be completed within 120 days.
- C. If the parties fail to resolve a dispute through mediation under Paragraph 6.07.B, then either or both may invoke the applicable dispute resolution procedures of Exhibit H. If Exhibit H is not included, or if no applicable dispute resolution method is specified in Exhibit H, then the parties may exercise their rights at law.

#### 6.08 Controlling Law; Venue

- A. This Main Agreement and all Task Orders (unless expressly stated otherwise) are to be governed by the Laws and Regulations of the state in which the principal office of the Owner is located: **[State of New Mexico]**.
- B. Venue for any exercise of rights at law will be the state court having jurisdiction at the location of Owner’s principal office; or at the choice of either party, and if federal jurisdictional requirements can be met, in federal court in the district in which Owner’s principal office is located.

#### 6.09 Environmental Condition of Site

- A. With respect to each specific Task Order, Specific Project, and Site (unless indicated otherwise in a specific Task Order), Owner represents to Engineer that, as of the Effective Date of the Task Order, to the best of Owner’s knowledge, no Constituents of Concern, other than those disclosed in writing to Engineer, exist at or adjacent to the Site.
- B. Undisclosed Constituents of Concern. For purposes of this Paragraph 6.09, the presence at or adjacent to the Site of Constituents of Concern that were not disclosed to Engineer pursuant to Paragraph 6.09.A, in such quantities or circumstances that such Constituents of Concern may present a danger to persons or property exposed to them, will be referred to as “undisclosed” Constituents of Concern.
  1. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated in the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of this Agreement or the Construction Contract, are not undisclosed Constituents of Concern.

2. Constituents of Concern that are to be located, identified, studied, removed, or remediated as part of the services under a Task Order are not undisclosed Constituents of Concern.
  3. Constituents of Concern that are to be located, identified, studied, removed, or remediated as part of the services under another professional services contract for Owner, or as part of the work under a construction or remediation contract, are not undisclosed Constituents of Concern if Engineer has been informed of the general scope of such contract.
- C. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate authorities having jurisdiction if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
  - D. It is acknowledged by both parties that for all Task Orders the Engineer's scope of services does not include any services related to undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an undisclosed Constituent of Concern, or if encountered, uncovered, or revealed Constituents of Concern are present in substantially greater quantities or substantially different locations than disclosed or anticipated, or if investigative or remedial action, or other professional services, are necessary or required by applicable Laws and Regulations with respect to such Constituents of Concern, then Engineer may, at its option and without liability for direct, consequential, or any other damages, suspend performance of services on the portion of the Specific Project adversely affected thereby until such portion of the Specific Project is no longer so affected; and Owner shall promptly determine whether to retain a qualified expert to evaluate such condition or take any necessary corrective action.
  - E. If the presence at a Site of undisclosed Constituents of Concern, or of Constituents of Concern in substantially greater quantities or in substantially different locations than disclosed or anticipated, adversely affects the performance of Engineer's services under a specific Task Order, then:
    1. if the adverse effects do not preclude Engineer from completing its Specific Project services in general accordance with the Task Order on unaffected or marginally affected portions of the Specific Project, Engineer may accept an equitable adjustment in its compensation or in the time of completion, or both; and the Task Order will be amended to reflect changes necessitated by the presence of such Constituents of Concern; or
    2. if the adverse effects are of such materiality to the overall performance of Engineer that it cannot complete its Specific Project services without significant changes to the scope of services, time of completion, and compensation, then Engineer may terminate the Task Order for cause on 7 days' written notice.
  - F. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and will not be required to become an "owner," "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

## 6.10 Indemnification and Mutual Waiver

- A. Indemnification by Engineer: To the fullest extent permitted by Laws and Regulations, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, members, partners, agents, and employees, from losses, damages, and judgments (including reasonable consultants' and attorneys' fees and expenses) arising from third-party claims or actions relating to a Specific Project, provided that any such claim, action, loss, damages, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Engineer or Engineer's officers, directors, members, partners, agents, employees, Subconsultants, or Engineer's Subcontractors. This indemnification provision is subject to and limited by the provisions, if any, agreed to by Owner and Engineer in Exhibit I, "Limitations of Liability."
- B. Environmental Indemnification: To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, Subconsultants, and Engineer's Subcontractors from all claims, costs, losses, damages, actions, and judgments (including reasonable consultants' and attorney's fees and expenses) caused by, arising out of, relating to, or resulting from a Constituent of Concern at, on, or under a Site, provided that:
1. any such claim, cost, loss, damages, action, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, and
  2. nothing in this paragraph obligates Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence or willful misconduct.
- C. No Defense Obligation: The indemnification commitments in this Agreement do not include a defense obligation by the indemnitor unless such obligation is expressly stated.
- D. Percentage Share of Negligence: To the fullest extent permitted by Laws and Regulations, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, will not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.
- E. Mutual Waiver: To the fullest extent permitted by Laws and Regulations, Owner and Engineer waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to this Agreement, any Task Order, or a Specific Project, from any cause or causes. Such excluded damages include but are not limited to loss of profits or revenue; loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; and cost of capital.

## 6.11 Records Retention

- A. Engineer shall maintain on file in legible form, for a period of five years following completion or termination of its services under a specific Task Order, or such other period as required by Laws and Regulations, all Documents, records (including cost records), and design calculations related to Engineer's services or pertinent to Engineer's performance under the Task Order. Upon Owner's request, Engineer shall provide a copy of any such item to Owner at cost.

## 6.12 Miscellaneous Provisions

- A. Notices: Any notice required under this Main Agreement or a Task Order will be in writing, and delivered: in person (by commercial courier or otherwise); by registered or certified mail; or by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line. All notices must be effective upon the date of receipt.
- B. Survival: Subject to applicable Laws and Regulations, all express representations, waivers, indemnifications, and limitations of liability included in this Main Agreement or in a Task Order will survive completion or termination for any reason.
- C. Severability: Any provision or part of the Main Agreement or any Task Order held to be void or unenforceable under any Laws or Regulations will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Engineer.
- D. No Waiver: A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Agreement.
- E. Accrual of Claims: To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Main Agreement and any Task Order will be deemed to have accrued, and all statutory periods of limitation will commence, no later than the date of Substantial Completion; or, if Engineer's services do not include Construction Phase services, or the Specific Project is not completed, then no later than the date of Owner's last payment to Engineer under the applicable Task Order.

## ARTICLE 7—DEFINITIONS

### 7.01 Defined Terms

- A. Wherever used in this Agreement (as defined herein), terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following definitions:
  1. Addenda—Written or graphic instruments issued prior to the opening of bids which clarify, correct, or change the bidding requirements or the proposed Construction Contract Documents.
  2. Additional Services—The services to be performed for or furnished to Owner by Engineer in accordance with Article 2 of Exhibit A of a specific Task Order.
  3. Agreement—This written contract for professional services between Owner and Engineer, including the Main Agreement, all exhibits and appendices to the Main Agreement identified in Paragraphs 8.01 and 8.02, all duly executed amendments, and

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Main Agreement.

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all Task Orders, including all exhibits and duly executed amendments to such Task Orders.

- a. Main Agreement—See definition at Paragraph 7.01.A.28 below.
4. Application for Payment—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Construction Contract.
5. Basic Services—The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of a specific Task Order.
6. Bidding/Proposal Documents—Documents related to the selection of the Contractor, including advertisements or invitations to bid; requests for proposals; instructions to bidders or proposers, including any attachments such as lists of available Site-related documents; bid forms; bids; proposal forms; proposals; bidding requirements; and qualifications documents.
7. Change Order—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Construction Contract Price or the Construction Contract Times, or other revision to the Construction Contract, issued on or after the effective date of the Construction Contract.
8. Change Proposal—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth in the Construction Contract, seeking an adjustment in Construction Contract Price or Construction Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Construction Contract Documents or the acceptability of Work under the Construction Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Construction Contract.
9. Constituents of Concern—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
10. Construction Contract—The entire and integrated written contract between the Owner and Contractor concerning the Work.
11. Construction Contract Documents—Those items designated as “Contract Documents” in the Construction Contract, and which together comprise the Construction Contract. See also definition of “Front-End Construction Contract Documents” below.
12. Construction Contract Price—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Construction Contract Documents.
13. Construction Contract Times—The number of days or the dates by which Contractor must: (a) achieve milestones, if any, in the Construction Contract; (b) achieve Substantial Completion; and (c) complete the Work.

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**Main Agreement.**

14. Construction Cost—The cost to Owner of the construction of those portions of a Specific Project designed or specified by or for Engineer under a Task Order, including construction labor, services, materials, equipment, insurance, and bonding costs, and allowances for contingencies. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or compensation for damages to property; Owner’s costs for legal, accounting, insurance counseling, or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner. Construction Cost is one of the items comprising Total Project Costs.
15. Constructor—Any person or entity (not including the Engineer, its employees, agents, representatives, or Subconsultants, or Engineer’s Subcontractors), performing or supporting construction activities relating to a Specific Project, including but not limited to Contractors, Subcontractors, Suppliers, Owner’s work forces, utility companies, other contractors, construction managers, design-builders, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
16. Contractor—The entity or individual with which Owner enters into a Construction Contract.
17. Documents—All documents expressly identified as deliverables in this Main Agreement or in any Task Order, whether in printed or Electronic Document form, required to be provided or furnished by Engineer to Owner. Such specifically required deliverables may include, by way of example, Drawings, Specifications, data, reports, building information models, and civil integrated management models.
18. Drawings—That part of the Construction Contract Documents that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. Effective Date of the Main Agreement—The date indicated in this Main Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Main Agreement is signed and delivered by the last of the two parties to sign and deliver.
20. Effective Date of the Task Order—The date indicated in a specific Task Order on which the Task Order becomes effective, but if no such date is indicated, it means the date on which the Task Order is signed and delivered by the last of the two parties to sign and deliver.
21. Electronic Document—Any Specific Project-related correspondence, attachments to correspondence, data, documents, drawings, information, or graphics, including but not limited to Shop Drawings and other Submittals, that are in an electronic or digital format.
22. Electronic Means—Electronic mail (email), upload/download from a secure Specific Project website, or other communications methods that allow: (a) the transmission or communication of Electronic Documents; (b) the documentation of transmissions, including sending and receipt; (c) printing of the transmitted Electronic Document by the recipient; (d) the storage and archiving of the Electronic Document by sender and recipient; and (e) the use by recipient of the Electronic Document for purposes permitted by this Agreement. Electronic Means does not include the use of text

messaging, or of Facebook, Twitter, Instagram, or similar social media services for transmission of Electronic Documents.

23. Engineer—The individual or entity named as such in this Main Agreement.
24. Engineer's Subcontractor—An individual, firm, vendor, or other entity having a contract with Engineer to furnish general services, equipment, or materials with respect to a Specific Project as an independent contractor.
25. Field Order—A written order issued by Engineer which requires minor changes in the Work but does not change the Construction Contract Price or the Construction Contract Times.
26. Front-End Construction Contract Documents—Those Construction Contract Documents whose primary purpose is to establish legal and contractual terms and conditions, typically including the Owner-Contractor agreement, bonds, general conditions, and supplementary conditions. The term excludes the Drawings and Specifications, and any Construction Contract Documents delivered or issued after the effective date of the Construction Contract.
27. Laws and Regulations; Laws or Regulations—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
28. Main Agreement—The portion of the Agreement containing the general terms and conditions of the contract between Owner and Engineer, applicable to all Task Orders, including but not limited to provisions regarding task order procedures, Owner responsibilities, invoice and payment procedures, standard of care, ownership of documents, suspension and termination, and definitions.
29. Owner—The individual or entity named as such in this Main Agreement and for which Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning Specific Projects.
30. Record Drawings—Drawings depicting the completed Specific Project, or a specific portion of the completed Specific Project, prepared by Engineer and based on Contractor's record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.
31. Resident Project Representative—As authorized by a specific Task Order, the representative of Engineer assigned to assist Engineer at the Site during the Construction Phase. As used herein, the term Resident Project Representative (RPR) includes any assistants or field staff of the RPR. The duties and responsibilities of the RPR (if any) will be as set forth in each Task Order.
32. Samples—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.

33. Shop Drawings—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Construction Contract Documents.
34. Site—Lands or areas to be indicated in the Construction Contract Documents for a Specific Project as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
35. Specifications—The part of the Construction Contract Documents that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
36. Specific Project—A specifically identified and defined total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the services to be performed or furnished by Engineer under a specific Task Order are a part.
37. Subconsultant—An individual, design firm, consultant, or other entity having a contract with Engineer to furnish professional services with respect to a Specific Project as an independent contractor.
38. Subcontractor—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
39. Submittal—A written or graphic document, prepared by or for Contractor, which the Construction Contract Documents require Contractor to submit to Engineer, or that is indicated as a Submittal in the Schedule of Submittals accepted by Engineer. Submittals may include Shop Drawings and Samples; schedules; product data; Owner-delegated designs; sustainable design information; information on special procedures; testing plans; results of tests and evaluations, source quality-control testing and inspections, and field or Site quality-control testing and inspections; warranties and certifications; Suppliers' instructions and reports; records of delivery of spare parts and tools; operations and maintenance data; Project photographic documentation; record documents; and other such documents required by the Contract Documents. Submittals, whether or not approved or accepted by Engineer, are not Construction Contract Documents. Change Proposals, Change Orders, Claims, notices, Applications for Payment, and requests for interpretation or clarification are not Submittals.
40. Substantial Completion—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Construction Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.



41. Supplier—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.
42. Task Order—A document executed under this Main Agreement by Owner and Engineer (including incorporated exhibits and amendments if any), stating the scope of services, Engineer's compensation, times for performance of services, and other relevant information.
43. Total Project Costs—The total cost of planning, studying, designing, constructing, testing, commissioning, and start-up of the Specific Project, including Construction Cost and all other Specific Project labor, services, materials, equipment, insurance, and bonding costs, allowances for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties and private utilities (including relocation if not part of Construction Cost), Owner's costs for legal, accounting, insurance counseling, and auditing services, interest and financing charges incurred in connection with the Specific Project, and the cost of other services to be provided by others to Owner.
44. Underground Facilities—All active or not-in-service underground lines, pipelines, conduits, ducts, encasements, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or systems at the Site, including but not limited to those facilities or systems that produce, transmit, distribute, or convey telephone or other communications, cable television, fiber optic transmissions, power, electricity, light, heat, gases, oil, crude oil products, liquid petroleum products, water, steam, waste, wastewater, storm water, other liquids or chemicals, or traffic or other control systems. An abandoned facility or system is not an Underground Facility.
45. Work—The entire construction or the various separately identifiable parts thereof required to be provided under the Construction Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Construction Contract Documents.
46. Work Change Directive—A written directive to Contractor issued on or after the effective date of the Construction Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

B. Terminology

1. The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

## ARTICLE 8—EXHIBITS AND APPENDICES TO MAIN AGREEMENT; TASK ORDER FORM; EXHIBITS TO TASK ORDER; SPECIAL PROVISIONS

### 8.01 Exhibits to Main Agreement

#### Guidance Notes—

1. *The Main Agreement form, as published, is supplemented by Exhibits C, F, G, H, and I. Each exhibit that is included with a specific Main Agreement is incorporated as a part of the Main Agreement, and will govern every Task Order issued under that Main Agreement.*
2. *Exhibits A, B, D, and E are not intended to be exhibits to the Main Agreement. For organizational purposes the list of exhibits to the Main Agreement identifies these four items as “Reserved.”*
3. *Exhibits A, B, D, and E are intended to be used with specific Task Orders, and are made available to users in the part of E-505 titled “Part 4 of 4: Exhibits to Task Order.” See Paragraph 8.03 below.*

The following exhibits are incorporated by reference and included as part of this Main Agreement, and as such are applicable to all Task Orders:

- A. Reserved.
- B. Reserved.
- C. Exhibit C, Amendment to Main Agreement (form).
- D. Reserved.
- E. Reserved.
- F. Exhibit F, Electronic Documents Protocol (EDP).
- G. Exhibit G, Insurance.
- H. Exhibit H, Dispute Resolution.
- I. Exhibit I, Limitations of Liability.

### 8.02 Appendices to Main Agreement

- A. The following appendices are incorporated by reference and made a part of this Main Agreement:
  1. Appendix 1—Reimbursable Expenses Schedule
  2. Appendix 2—Standard Hourly Rates Schedule

### 8.03 Resource Documents: Task Order Form and Exhibits to Task Order

- A. The parties acknowledge the accompanying documents, “Part 3 of 4: Task Order Form” and “Part 4 of 4: Exhibits to Task Order.” These documents are a resource for the parties’ use when a specific Task Order is issued. To the extent practical and applicable to a Specific Project, the parties will use the Task Order Form and Exhibits to Task Order as the basis for preparing the specific Task Order and its exhibits. The Task Order Form and Exhibits to Task Order are not a part of this Main Agreement or binding on the parties except to the extent they serve as the basis for a duly executed Task Order and its exhibits.

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Main Agreement.

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8.04 Executed Task Orders and Their Exhibits

- A. When a specific Task Order is duly executed by Owner and Engineer, the Task Order and its exhibits become an integral part of the Agreement, governed by the Main Agreement and its exhibits.

8.05 Total Agreement; Amendments to Main Agreement and Task Orders

- A. This Agreement (as defined herein) constitutes the entire contractual agreement between Owner and Engineer and supersedes all prior written or oral understandings.
- B. Amendments:
  - 1. This Main Agreement may only be amended, supplemented, modified, or canceled by a written instrument duly executed by both parties. Such written instruments should be based whenever possible on the format of Exhibit C to this Main Agreement.
  - 2. Amendments and modifications to a Task Order may be made by execution of a new, expressly related Task Order, or by execution of a written amendment to the Task Order.
  - 3. Nothing in any Task Order will be construed as revising or modifying the terms and conditions of the Main Agreement or its exhibits, except as expressly stated in such Task Order.

8.06 Designated Representatives

- A. With the execution of this Main Agreement, Engineer and Owner shall each designate a specific individual to act as representative under the Main Agreement. Such an individual must have authority to execute Task Orders, transmit instructions, receive information, and render decisions with respect to this Main Agreement, on behalf of the party that the individual represents.
- B. With the execution of each Task Order, Engineer and Owner shall each designate a specific individual to act as representative with respect to the Task Order. Such individual must have authority to transmit instructions, receive information, and render decisions with respect to the specific Task Order, on behalf of the party that the individual represents.

8.07 Engineer's Certifications

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.07:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the selection process or in the Agreement execution;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
  - 3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

## 8.08 Conflict of Interest

- A. Nothing in this Agreement will be construed to create or impose any duty on the part of Engineer that would be in conflict with Engineer's paramount obligations to the public health, safety, and welfare under the professional practice requirements governing Engineer, its Subconsultants, and all licensed professionals employed by Engineer or its Subconsultants.
- B. If during the term of this Agreement a potential or actual conflict of interest arises or is identified:
  - 1. Engineer and Owner together will make reasonable, good faith efforts to avoid or eliminate the conflict of interest; to mitigate any adverse consequences of the conflict of interest; and, if necessary and feasible, to modify this Agreement to address the conflict of interest and its consequences, such that progress under the Agreement may continue.
  - 2. Such efforts will be governed by applicable Laws and Regulations and by any pertinent Owner's policies, procedures, and requirements (including any conflict of interest resolution methodologies) provided to Engineer under Paragraph 2.04.A of this Agreement.

This Main Agreement's Effective Date is [date to be inserted at the time of execution].

Owner:

\_\_\_\_\_  
(name of organization)  
By: \_\_\_\_\_  
(individual's signature)  
Date: \_\_\_\_\_  
(date signed)  
Name: \_\_\_\_\_  
(typed or printed)  
Title: \_\_\_\_\_  
(typed or printed)

Attach evidence of authority to sign.

Attest: \_\_\_\_\_  
(individual's signature)  
Title: \_\_\_\_\_  
(typed or printed)

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Designated Representative:

Name: \_\_\_\_\_  
(typed or printed)  
Title: \_\_\_\_\_  
(typed or printed)

Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Engineer:

\_\_\_\_\_  
(name of organization)  
By: \_\_\_\_\_  
(individual's signature)  
Date: \_\_\_\_\_  
(date signed)  
Name: \_\_\_\_\_  
(typed or printed)  
Title: \_\_\_\_\_  
(typed or printed)

Attach evidence of authority to sign.

Attest: \_\_\_\_\_  
(individual's signature)  
Title: \_\_\_\_\_  
(typed or printed)

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Designated Representative:

Name: \_\_\_\_\_  
(typed or printed)  
Title: \_\_\_\_\_  
(typed or printed)

Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the specific Agreement between Owner and Engineer, and the controlling Laws and Regulations.

EJCDC® E-505, Agreement between Owner and Engineer for Professional Services—Task Order Edition, is published in four parts: (1) the Main Agreement (general provisions governing all Task Orders); (2) the Exhibits to Main Agreement (see below); (3) the Task Order Form; and (4) the Exhibits to Task Order. The Main Agreement contains a Guidelines for Use section that pertains to all four parts of E-505.

## **AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES— TASK ORDER EDITION**

### **PART 2 OF 4: EXHIBITS TO MAIN AGREEMENT**

Prepared by



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## **EXHIBIT A—RESERVED**

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### **Guidance Notes—Exhibit A**

1. See Exhibit A to Task Order—Engineer’s Services Under Task Order, in E-505 Part 4 of 4: Exhibits to Task Order.

## **EXHIBIT B—RESERVED**

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### **Guidance Notes—Exhibit B**

1. See Exhibit B to Task Order—Task Order Deliverables Schedule, in E-505 Part 4 of 4: Exhibits to Task Order.

**EXHIBIT C—AMENDMENT TO MAIN AGREEMENT**

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**Guidance Notes—Exhibit C**

1. *This Amendment form is not intended for modification of a Task Order. To modify a specific Task Order or its exhibits, most users simply issue another Task Order, though use of a written amendment of the Task Order is also an option. See Main Agreement, Paragraph 8.05.B.2.*

**AMENDMENT TO MAIN AGREEMENT**

Amendment No. **[Enter Amendment Number]**

Owner: **[Southern Sandoval County Flood Control Authority]**

Engineer: **[Name of Engineer]**

Effective Date of Agreement: **[Effective Date of Main Agreement]**

Nature of Amendment: (Check those that apply)

- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to term of Main Agreement
- Modifications to other terms and conditions of the Main Agreement

Description of Modifications:

**[Here describe the modifications, in as much specificity and detail as needed. Use an attachment if necessary.]**

Owner and Engineer hereby agree to modify the above-referenced Main Agreement as set forth in this Amendment. The Effective Date of the Amendment is **[Enter Effective Date of Amendment]**.

Owner

Engineer

\_\_\_\_\_  
(typed or printed name of organization)

\_\_\_\_\_  
(typed or printed name of organization)

By: \_\_\_\_\_  
(individual's signature)

By: \_\_\_\_\_  
(individual's signature)

(Attach evidence of authority to sign.)

(Attach evidence of authority to sign.)

Date: \_\_\_\_\_  
(date signed)

Date: \_\_\_\_\_  
(date signed)

Name: \_\_\_\_\_  
(typed or printed)

Name: \_\_\_\_\_  
(typed or printed)

Title: \_\_\_\_\_  
(typed or printed)

Title: \_\_\_\_\_  
(typed or printed)

## **EXHIBIT D—RESERVED**

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### **Guidance Notes—Exhibit D**

1. See Exhibit D to Task Order—Duties, Responsibilities, and Limitations of Authority of Resident Project Representative Under Task Order, in E-505 Part 4 of 4: Exhibits to Task Order.

## **EXHIBIT E—RESERVED**

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### **Guidance Notes—Exhibit E**

1. See Exhibit E to Task Order—EJCDC® C-626, Notice of Acceptability of Work, in E-505 Part 4 of 4: Exhibits to Task Order.

## EXHIBIT F—ELECTRONIC DOCUMENTS PROTOCOL (EDP)

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### Guidance Notes—Electronic Documents Protocol (EDP)

1. Paragraph 6.03.A of the Main Agreement provides that:

"To the fullest extent practical, Owner and Engineer agree to transmit, and accept, Project-related correspondence, Documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with Exhibit F, Electronic Documents Protocol (EDP)."

2. As to the Engineer, compliance with this document transmittal commitment is part of Basic Services.
3. If the Main Agreement does not include an EDP or otherwise establish protocols for electronic or digital transmittals, then Owner and Engineer will operate without such protocols, or may jointly develop such protocols at a later date. Engineer's costs to support the development of protocols at a later date or to change its procedures due to implementation of protocols after the effective date of the Main Agreement are Additional Services, as noted in Paragraph 6.03.A.2 of the Main Agreement.
4. Further, EJCDC® C-700, Standard General Conditions of the Construction Contract (2018), Paragraph 2.06 authorizes the electronic transmittal of specified Project documents and correspondence, and indicates that if the Contract does not establish protocols for such transmittals, then Owner, Engineer, and Contractor will jointly develop such protocols.
5. The following Exhibit may be used to establish an EDP—to contractually establish transmittal protocols between the Owner and the Engineer as well as to create a framework for establishment of transmittal protocols for Project communications with other parties, including Contractors.
6. This Exhibit establishing the Electronic Documents Protocol ("EDP" or "Protocol") defines the relationships between the parties on projects using EJCDC contracts relative to responsibilities and limitations governing use of electronic/digital documents on the project. The drafter of the Protocol will need to customize the document to address project-specific data, system, technical, and management needs. Both Owner and Engineer will typically provide input during the drafting process.
7. Software and data formats for exchange of Electronic Documents will vary depending on the preferences of the Owner and the needs of the project. A sample set of basic software and data formats, commonly seen for exchanging information on many horizontal construction projects, has been included in Attachment 1, Software Requirements for Electronic Document Exchange, as a starting point for Project information exchange standards. No representation is made that these standards will be applicable to any particular project and each user must review and modify as needed.
8. Other than the limited data exchange functions intended by the basic software and data formats described in Attachment 1 and requests for alternative data formats in Exhibit F Paragraph 1.01.C, the Protocol does not directly address the exchange of "native" design files between the parties for more robust uses beyond that data exchange, nor the special issues associated with use of native design files, not the least of which is suitability for uses not necessarily intended or anticipated by the file author. While nothing precludes the exchange of native files under this Protocol, it is up to

the Parties to define how such native files may be used, and to modify the Protocol to state criteria of use and any limitations to such use.

9. Many entities have developed their own data organization standards for "native" files, including such criteria as data model element organization, drawing layer conventions, Building Information Modeling (BIM) and Civil Integrated Management Model protocols, Geographic Information System schema, integrated and cross-referenced data sets, etc. Additionally, several institutions and design/construction industry organizations have developed and published more comprehensive technical criteria, schemas, and plans for use as guides to data organization standards.
10. Here again, where the data standards require a broader, and generally more collaborative, review and definition of the obligations of the parties, it is up to the parties to significantly modify this Protocol considering such matters as: (a) party responsible for managing models or system; (b) maintaining integrity of the models or system; (c) ownership of the model or system; (d) enhanced system infrastructure, software, access and security standards; (e) responsibility and liability of respective parties in the role of adding or using elements of common models; (f) additional protocols for quality control and quality assurance; and many other factors.
11. The Protocol follows.

## **ARTICLE 1—ELECTRONIC DOCUMENTS PROTOCOL (EDP)**

Paragraph 6.03 of the Main Agreement is supplemented by the following Exhibit F Paragraph 1.01 and Exhibit F—Attachment 1: Software Requirements for Electronic Document Exchange:

### **1.01 Electronic Documents Protocol**

- A. Electronic Transmittals: The parties shall conform to the following provisions together referred to as the Electronic Documents Protocol ("EDP" or "Protocol") for exchange of electronic transmittals. References to "Project" will mean the Specific Project, or the facilities program or other combination of projects undertaken with Engineer's involvement, as the case may be.

#### **1. Basic Requirements**

- a. To the fullest extent practical, the parties agree to and will transmit and accept Electronic Documents by Electronic Means using the procedures described in this Protocol. Use of the Electronic Documents and any information contained therein is subject to the requirements of this Protocol and other provisions of the Agreement.
- b. The contents of the information in any Electronic Document will be the responsibility of the transmitting party.
- c. Electronic Documents as exchanged by this Protocol may be used in the same manner as the printed versions of the same documents that are exchanged using non-electronic format and methods, subject to the same governing requirements, limitations, and restrictions, set forth in the Agreement.
- d. Except as otherwise explicitly stated herein, the terms of this Protocol will be incorporated into any other agreement or subcontract between the Owner and Engineer and any third party for any portion of the Project, or any Project-related

services, where that third party is, either directly or indirectly, required to exchange Electronic Documents with Owner, Engineer, or any Contractor or other entity directly contracted with the Owner to furnish Project-related services. Nothing herein will modify the requirements of the Agreement and applicable Construction Contract Documents regarding communications between and among the individual third parties and their respective subcontractors and consultants, except to the extent that any respective subcontractor or consultant exchanges Electronic Documents with the Owner or Engineer.

- e. When transmitting Electronic Documents, the transmitting Party makes no representations as to long term compatibility, usability, or readability of the items resulting from the receiving Party's use of software application packages, operating systems, or computer hardware differing from those established in this Protocol.
  - f. Nothing herein negates any obligation (1) in the Agreement to create, provide, or maintain an original printed record version of Drawings and Specifications, signed and sealed according to applicable Laws and Regulations; (2) to comply with any applicable Law or Regulation governing the signing and sealing of design documents or the signing and electronic transmission of any other documents; or (3) to comply with any notice requirements limiting or otherwise modifying the acceptance of Electronic Documents for such notice.
2. System Infrastructure for Electronic Document Exchange
- a. Each party will provide hardware, operating system(s) software, internet, e-mail, and large file transfer functions ("System Infrastructure") at its own cost and sufficient for complying with the EDP requirements. With the exception of minimum standards set forth in this EDP and any explicit system requirements specified by attachment to this EDP, it will be the obligation of each party to determine, for itself, its own System Infrastructure.
    - 1) The maximum size of an e-mail attachment for exchange of Electronic Documents under this EDP is **[File Size]** MB. Attachments larger than that may be exchanged using large file transfer functions or physical media.
    - 2) Each Party assumes full and complete responsibility for any and all of its own costs, delays, deficiencies, and errors associated with converting, translating, updating, verifying, licensing, or otherwise enabling its System Infrastructure, including operating systems and software, for use with respect to this EDP.
  - b. Each party is responsible for its own system operations, security, back-up, archiving, audits, printing resources, and other Information Technology ("IT") for maintaining operations of its System Infrastructure during the Project, including coordination with the party's individual(s) or entity responsible for managing its System Infrastructure and capable of addressing routine communications and other IT issues affecting the exchange of Electronic Documents.
  - c. Each party will operate and maintain industry-standard, industry-accepted, ISO-standard, commercial-grade security software and systems that are intended to protect the other party from: software viruses and other malicious software like worms, trojans, adware; data breaches; loss of confidentiality; and other threats in



the transmission to or storage of information from the other parties, including transmission of Electronic Documents by physical media such as CD/DVD/flash drive/hard drive. To the extent that a party maintains and operates such security software and systems, it will not be liable to the other party for any breach of system security.

- d. In the case of disputes, conflicts, or modifications to the EDP required to address issues affecting System Infrastructure, the parties will cooperatively resolve the issues; but, failing resolution, the Owner is authorized to make and require reasonable and necessary changes to the EDP to effectuate its original intent. If the changes cause additional cost or time to Engineer, not reasonably anticipated under the original EDP, Engineer shall be entitled to compensation as Additional Services for its costs associated with the revisions to the EDP, delayed adoption of this exhibit, or implementation of other Electronic Documents protocols.
- e. Each party is responsible for its own back-up and archive of documents sent and received during the term of any Project contract/agreement under this EDP, unless this EDP establishes a Project document archive, either as part of a mandatory Project website or other communications protocol, upon which the Parties may rely for document archiving during the specified term of operation of such project document archive. Further, each party remains solely responsible for its own post-Project back-up and archive of project documents, as each party deems necessary for its own purposes, after the term of contract, or termination of the project document archive, if one is established.
- f. If a receiving party receives an obviously corrupted, damaged, or unreadable Electronic Document, the receiving party will advise the sending party of the incomplete transmission.
- g. The parties will bring any non-conforming Electronic Documents into compliance with the EDP. The parties will attempt to complete a successful transmission of the Electronic Document or use an alternative delivery method to complete the communication.

**Guidance Notes—Project Website:**

1. If Owner, either directly or through the Engineer or a third party, elects to establish and operate a Project Website or other electronic information management system during the Project, with or without the project document archive described in Exhibit F Paragraph 1.01.A.2.e, then select the operator (Owner; Engineer; Contractor; other) of such website or other system, and modify the following Exhibit F Paragraph 1.01.A.2.h as appropriate to set forth any standards applicable to the parties regarding the website or other system.
2. Exhibit F is intended to apply to each specific Task Order. As stated in the Main Agreement, Paragraph 6.03.A.1, the Engineer's routine compliance with Exhibit F will be treated as part of Basic Services. If Engineer will be entitled to additional compensation for Project website-related costs or services (or for other electronic documents-related services), such compensation will typically be identified in an authorizing specific Task Order. Such specially compensated website-related costs and services may include compensation for operation of the Project Website (or other system), if delegated by Owner to Engineer; reimbursement for software licensing or fees (other than those standard formats listed

Exhibit F—Electronic Documents Protocol (EDP).

Exhibits to Main Agreement. EJCDC® E-505, Agreement between Owner and Engineer for Professional Services—Task Order Edition.  
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in Exhibit F Paragraph 1.01.C and Attachment 1) associated with special requirements for using or accessing Owner-, Contractor-, or Third Party-operated Project websites; and specifying the basis for any Additional Services associated with operation of Project Website (such as operating for a longer period of time than anticipated). The specific Task Order would indicate means of compensation, such as lump sum, standard hourly rates, or direct labor costs.

3. As an alternative to identifying special Project website-related compensation and reimbursement in a specific Task Order, as described in the preceding Guidance Note, Exhibit F Paragraph 1.01.A.2.h.(5) may be used to specify such compensation and reimbursement.

h. The **[Owner]** will operate a Project information management system (also referred to in this EDP as "Project Website") for use of Owner, Engineer, Contractors, during the Project for exchange and storage of Project-related communications and information. Except as otherwise provided in this EDP or the General Conditions, use of the Project Website by the Parties as described in this paragraph will be mandatory for exchange of Project documents, communications, submittals, and other Project-related information. The following conditions and standards will govern use of the Project Website: **[modify in sufficient detail below the operational requirements for the website below]**.

- 1) Describe the period of time during which the Project Website will be operated and be available for reliance by the Parties.
- 2) Provide any minimum system infrastructure, software licensing and security standards for access to and use of the Project Website.
- 3) Describe the types and extent of services to be provided at the Project Website (such as large file transfer, email, communication and document archives, etc.).
- 4) Include any other Project Website attributes that may be pertinent to the use of the facility by Project-related parties and evaluation by those parties of the functionality and cost of such use.
- 5) Engineer's related compensation and reimbursement: **[specify, or indicate not applicable. See Guidance Notes 2 and 3 above.]**

B. Software Requirements for Electronic Document Exchange; Limitations

1. Each party will acquire the software and software licenses necessary to create and transmit Electronic Documents and to read and to use any Electronic Documents received from the other party (and if relevant from third parties), using the software formats required in this section of the EDP.
  - a. Prior to using any updated version of the software required in this section for sending Electronic Documents to the other party, the originating party will first notify and receive concurrence from the other party for use of the updated version or adjust its transmission to comply with this EDP.
2. The parties agree not to intentionally edit, reverse engineer, decrypt, remove security or encryption features, or convert to another format for modification purposes any Electronic Document or information contained therein that was transmitted in a software data format, including Portable Document Format (PDF), intended by sender

not to be modified, unless the receiving party obtains the permission of the sending party or is citing or quoting excerpts of the Electronic Document for Project purposes.

3. Software and data formats for exchange of Electronic Documents will conform to the requirements set forth in the following Attachment 1 to this EDP, including software version, if listed.

C. Format and Distribution of Deliverables

1. By definition, "Documents" as used in this Agreement are documents expressly identified as deliverables from Engineer to Owner. Exhibit A of each specific Task Order identifies various Documents that Engineer is required to deliver to Owner as part of Engineer's services; Exhibit B of each specific Task Order is a schedule of such Documents. Engineer will transmit such Documents to Owner in the formats identified in Attachment 1 to this Protocol. If no specific format is identified for a deliverable Document, the format will be Portable Document Format (PDF).
2. If a Document will be distributed to third parties, such as prospective bidders and contractors, reviewing agencies, or lenders, the transmittal format for distribution will be as identified in Attachment 1 to this Protocol; provided, however, that if a format for distribution of a specific Document is expressly stated in a specific Exhibit A, then the Exhibit A format will take precedence. If no specific format is identified for distribution of a deliverable Document to third parties, the format will be Portable Document Format (PDF).
  - a. If a format for Document distribution other than Portable Document Format (PDF) is specified, Owner shall first obtain a written, signed release from each third party to which the deliverable Document is distributed, establishing agreement to the following conditions:
    - 1) The content included in the Electronic Documents prepared by or for Engineer and covered by the request was prepared as an internal working document for Engineer's purposes solely, and is being provided to the third party on an "AS IS" basis without any warranties of any kind, including, but not limited to any implied warranties of fitness for any purpose. As such, the third party is advised and acknowledges that the content may not be suitable for the third party's application, or may require substantial modification and independent verification by the third party. The content may include limited resolution of models; not-to-scale schematic representations and symbols; use of notes to convey design concepts in lieu of accurate graphics; approximations; graphical simplifications; undocumented intermediate revisions; and other devices that may affect subsequent reuse.
    - 2) Electronic Documents containing text, graphics, metadata, or other types of data that are provided to the Requesting Party are only for the convenience of the third party. Any conclusion or information obtained or derived from such data will be at the third party's sole risk and the third party waives any and all claims against Engineer or Owner arising from the use of the Electronic Documents covered by the request, or of any data contained in such Electronic Documents.

- 3) The third party shall indemnify and hold harmless Owner, Engineer, and Engineer's Subcontractors and Subconsultants, from all claims, damages, losses, and expenses, including attorneys' fees and defense costs arising out of or resulting from the third party's use, adaptation, or distribution of any Electronic Documents provided under the request.
  - 4) The third party agrees not to sell, copy, transfer, forward, give away or otherwise distribute this information (in source or modified file format) to any third party without the direct written authorization of Engineer, unless such distribution is specifically identified in the request and is limited to the third party's subcontractors and consultants. The third party warrants that subsequent use by the third party's subcontractors and subconsultants will comply with all terms of the Construction Contract Documents and any specific instructions or conditions established by Owner.
- b. If Engineer is required to assist or participate in obtaining such releases from third parties, such services will be categorized as Additional Services.

**Guidance Notes**—Requests by Others for Electronic Documents in Other Formats.

1. Exhibit F Paragraphs 1.01.A, 1.01.B, and 1.01.C constitute an Electronic Document Protocol for transmittal of Project documents and correspondence. In many cases the user will elect to not include the optional Exhibit F Paragraph 1.01.D that follows as part of the Electronic Document Protocol; if such is the case, delete Exhibit F Paragraph 1.01.D.
2. If Owner and Engineer agree from the outset that specific Documents will be distributed to Contractor, or to specified other third parties, in a specific native-file format, then establish the specifics of such a planned distribution in Attachment A. Such a planned distribution will be governed by Exhibit F Paragraph 1.01.C.2.a, and will be included as part of Basic Services.
3. Include the following optional Exhibit F Paragraph 1.01.D as part of the Protocol if the Owner desires to retain the option to make Documents created by the Engineer available upon request by other Project-related parties (including but not limited to Contractor), as Electronic Documents in formats other than those described in 1.01.B and 1.01.C of this Protocol—for example, if Owner elects to have a Document distributed to third parties in a native-file format that gives the user access to underlying data. The primary purpose of optional Exhibit F Paragraph 1.01.D is to establish in advance that Owner will obtain a liability release from each third party to which Documents are transmitted in any such "other" format. Exhibit F Paragraph 1.01.D also establishes that Engineer's services with respect to a request for distribution in an "other" format is an Additional Service.

D. Requests by Project-Related Parties for Electronic Documents in Other Formats

1. Owner may release (or direct Engineer to release) an Electronic Document version of a Document prepared by or for Engineer, including but not limited to a deliverable Document as set forth in Exhibit F Paragraph 1.01.C, in a format other than those identified in Exhibit F Paragraph 1.01.B or 1.01.C of the Electronic Documents Protocol, or elsewhere in the Agreement, only if (a) a Contractor or other Project-related party (Requesting Party) makes a good faith request for such release, (b) Owner determines in its sole discretion that such release is prudent and will be beneficial to the Project,

and (c) Owner obtains Requesting Party's written consent to the four conditions set forth in Exhibit F Paragraph 1.01.C.2.a.1-4 above.

2. Any services by Engineer in connection with Owner or Engineer providing a Document to a Requesting Party under this Exhibit F Paragraph 1.01.D are Additional Services. Such services may include but are not limited to preparing the data in a manner deemed appropriate by Engineer. Owner may require reimbursement from the Requesting Party for the cost of such Additional Services, but compensation by Owner to Engineer for the Additional Services is not contingent upon Owner obtaining reimbursement from the Requesting Party.

**EXHIBIT F—ATTACHMENT 1: SOFTWARE REQUIREMENTS FOR ELECTRONIC DOCUMENT EXCHANGE**

Item	Electronic Documents	Transmittal Means	Data Format	Note (1)
a.1	General communications, transmittal covers, meeting notices, and responses to general information requests for which there is no specific prescribed form.	Email	Email	
a.2	Meeting agendas; meeting minutes; RFI's and Responses to RFI's; and Construction Contract administrative forms.	Email w/Attach	PDF	(2)
a.3	Contractor's Submittals (Shop Drawings, "Or Equal" requests, Substitute requests, documentation accompanying Sample submittals and other Submittals) to Owner and Engineer; and, Owner's and Engineer's Responses to Contractor's Submittals, Shop Drawings, Correspondence, and Applications for Payment	Email w/Attach	PDF	
a.4	Correspondence; Interim and Final Versions of reports, layouts, Specifications, Drawings, maps, calculations and spreadsheets, Construction Contract, Bidding/Proposal Documents, and Front-End Construction Contract Documents.	Email w/ Attach or LFE	PDF	(3)
a.5	Layouts, plans, maps, and Drawings to be submitted to Owner by Engineer for future use and modification	Email w/ Attach or LFE	DWG	
a.6	Correspondence, reports, and specifications to be submitted by Engineer to Owner for future word processing use and modification	Email w/ Attach or LFE	DOC	
a.7	Spreadsheets and data to be submitted to Owner by Engineer for future data processing use and modification	Email w/ Attach or LFE	EXC	
a.8	Database files and data to be submitted to Owner for future data processing use and modification	Email w/ Attach or LFE	DB	
<b>Notes</b>				
(1)	All exchanges and uses of transmitted data are subject to the appropriate provisions of the Agreement and Construction Contract.			
(2)	Transmittal of written notices is governed by requirements of the Agreement and Construction Contract.			
(3)	Transmittal of Bidding/Proposal Documents and Front-End Construction Contract Documents will be in manner selected by Owner in Exhibit A, Paragraph 1.05.A.1.a. Unless otherwise expressly stated, these documents and the Construction Contract will be transmitted in PDF format, including transmittals to bidders and Contractor.			
<b>Key</b>				
EMAIL	Standard Email formats (.htm, .rtf, or .txt). Do not use stationery formatting or other features that impair legibility of content on screen or in printed copies.			
LFE	Agreed upon Large File Exchange method (FTP, CD, DVD, hard drive.)			
PDF	Portable Document Format readable by Adobe® Acrobat Reader Version [number] or later.			
DWG	Autodesk® AutoCAD. dwg format Version [number].			
DOC	Microsoft® Word. docx format Version [number].			
EXC	Microsoft® Excel .xlsx or .xml			
DB	Microsoft® Access .mdb			

## EXHIBIT G—INSURANCE

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### ARTICLE 1—INSURANCE

Paragraph 6.04 of the Main Agreement, Insurance, is supplemented to include the following Exhibit G Paragraphs 1.01 and 1.02:

#### 1.01 General Conditions

If applicable, Owner will require that the Engineer procure and maintain in full force and effect during the life of this agreement, such insurance as is required herein. Policies of insurance shall be written by companies licensed or approved to do business in the State of New Mexico.

The Engineer shall furnish Owner copies of certificates of required insurance in a form satisfactory to Owner (or copies of insurance policies if Owner calls for them). All certificates of insurance (or policies) shall provide that thirty (30) days written notice be given to Owner before a policy is cancelled or not renewed except that thirty (30) days notice shall not apply for non-payment of premiums. Various types of required insurance may be written in one or more policies.

If part of this Agreement is subcontracted, the Engineer shall require its subcontractor to secure insurance to protect itself against all hazards enumerated herein, which are not covered by the Engineer's insurance policies.

##### A. Approval of Insurance

Even though a "Notice to Proceed" may have been given, the Engineer or subcontractor shall not begin any work under this Agreement until the required insurance has been obtained and the proper Certificates (or insurance policies) have been provided to Owner, adding Owner as an additional insured. Neither approval nor failure to disapprove certificates, policies or the insurance by Owner shall relieve the Engineer of full responsibility to maintain the required insurance in full force and effect.

##### B. Professional Liability Insurance

The Engineer will be required to obtain Professional Liability Insurance in an amount not less than \$1,000,000.00 in the aggregate provided however, that there shall not be a per claim limit of less than \$1,000,000.

In the event Owner elects to require insurance coverage in excess of \$1,000,000 the cost directly incurred by the Engineer, if it is in addition to the Engineer's Basic Professional Liability Insurance, shall be a direct reimbursable expense (additional insurance premium cost only) paid by Owner.

##### C. Commercial General Liability and Automobile Insurance

All commercial, general liability and automobile insurance policies shall have liability limits in amounts not less than \$1,000,000 combined single limit of liability for bodily injury, including death and property damage in any one occurrence.

Said policies of insurance shall be in effect for the term of this Agreement and include coverage for all operations performed for Owner by the Engineer. Engineer shall provide with the Certificate of Insurance an endorsement from their policy showing the Engineer carries Additional Insured coverage.

D. Workers' Compensation Insurance

The Engineer shall comply with the provisions of the Workers' Compensation Act, the Subsequent Injury Act, and the New Mexico Occupational Disease Disablement Law.

E. Increased Limits

If, during the life of this contract, the legislature of the State of New Mexico increases the maximum limits of the liability under the Tort Claims Act, Owner may require the Engineer to increase the maximum limits of any insurance required herein. In the event that the Engineer is so required to increase the limits of such insurance, an appropriate adjustment in contract amount will be made.

F. Proof of Licensing

Engineer shall provide Owner with its state license number and shall maintain its license in good standing for the term of this Agreement.

G. Notification

Engineer agrees to notify Owner of any change or cancellation of insurance policy.

1.02 Additional Insureds:

- A. Engineer and the Consultants identified in the Task Order for a Specific Project shall be listed on Owner's general liability policies of insurance as additional insureds, and on any applicable property insurance policy as loss payees, as provided in Paragraph 6.04.B.



## EXHIBIT H—DISPUTE RESOLUTION

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### ARTICLE 1—DISPUTE RESOLUTION METHOD

Paragraph 6.07 of the Agreement, Dispute Resolution, is supplemented to include the following Exhibit H Paragraph 1.01:

#### 1.01 Arbitration

- A. Method for Resolution of Disputes: All Disputes between Owner and Engineer that have not been resolved by negotiations or mediation will be settled by arbitration administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules (subject to the conditions and limitations of this Exhibit H Paragraph 1.01). This agreement to arbitrate will be specifically enforceable under the prevailing law of any court having jurisdiction.
- B. Arbitration Provisions
  1. Notice of the demand for arbitration must be filed in writing with the other party to the Agreement and with the selected arbitration administrator. The demand must be made within a reasonable time after the Dispute has arisen. In no event may the demand for arbitration be made after the date when institution of legal or equitable proceedings based on such Dispute would be barred by the applicable statute of limitations.
  2. The arbitrator(s) must be licensed engineers, architects, contractors, attorneys, or construction managers. Hearings will take place pursuant to the standard procedures of the Construction Arbitration Rules that contemplate in-person hearings. The arbitrators will have no authority to award punitive or other damages not measured by the prevailing party's actual damages, except as may be required by statute or the Agreement. Any award in an arbitration initiated under this clause will be limited to monetary damages and include no injunction or direction to any party other than the direction to pay a monetary amount.
  3. If the applicable arbitration rules require a preliminary mediation, but the parties have already participated in mediation with respect to the Dispute, then the second mediation is not required.
  4. The rules of any arbitration must be supplemented to include the following: The award rendered by the arbitrators must be in writing, and include (a) a precise breakdown of the award, and (b) a written explanation of the award specifically citing the Agreement provisions deemed applicable and relied on in making the award.
  5. The award rendered by the arbitrators will be consistent with this Agreement and final, and judgment may be entered upon it in any court having jurisdiction thereof, and will not be subject to appeal or modification.
  6. The arbitrators will have the authority to allocate the costs of the arbitration process among the parties, but will only have the authority to allocate attorneys' fees if a specific Law or Regulation or this Agreement expressly permits them to do so.
  7. The parties agree that failure or refusal of a party to pay its required share of the deposits for arbitrator compensation or administrative charges will constitute a waiver

by that party of the right to present evidence or cross-examine witness. In such event, the other party will be required to present evidence and legal argument as the arbitrator(s) may require for the making of an award. Such waiver will not allow for a default judgment against the non-paying party in the absence of evidence presented as provided for above.

8. Except as may be required by Laws or Regulations, neither party nor an arbitrator may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties, with the exception of any disclosure required by Laws and Regulations or the Agreement. To the extent any disclosure is allowed pursuant to the exception, the disclosure must be strictly and narrowly limited to maintain confidentiality to the extent possible.
9. If a Dispute in question between Owner and Engineer involves the work of a Contractor, Subcontractor, or consultants to the Owner, Subconsultants to the Engineer, or Engineer's Subcontractors (each a "Joinable Party"), and such Joinable Party has agreed contractually or otherwise to participate in a consolidated arbitration concerning this Project, then either Owner or Engineer may join such Joinable Party as a party to the arbitration between Owner and Engineer hereunder. Nothing in this Exhibit H Paragraph 1.01 nor in the provision of such contract consenting to joinder will create any claim, right, or cause of action in favor of the Joinable Party and against Owner or Engineer that does not otherwise exist.

## EXHIBIT I—LIMITATIONS OF LIABILITY

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### ARTICLE 1—LIMITATIONS OF LIABILITY

Paragraph 6.10 of the Agreement is supplemented to include Exhibit I Paragraph(s) **[1.01, Mutual Indemnification; and 1.02, Limitation of Engineer's Liability]**:

#### 1.01 Mutual Indemnification

- A. Indemnification by Owner: To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Subconsultants, and Engineer's Subcontractors, from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Owner or Owner's officers, directors, members, partners, agents, employees, or others retained by or under contract to the Owner with respect to this Agreement or to the Project.

#### 1.02 Limitation of Engineer's Liability

- A. Engineer's Liability Limited to Amount of Insurance Proceeds: Engineer shall procure and maintain insurance as required by and set forth in Exhibit G to this Agreement. Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by Laws and Regulations, the total liability, in the aggregate, of Engineer and Engineer's officers, directors, members, partners, agents, employees, Subconsultants, and Engineer's Subcontractors to Owner and anyone claiming by, through, or under Owner for any and all claims, losses, costs, or damages whatsoever (including but not limited to direct, indirect, special, incidental, punitive, exemplary, or consequential damages) arising out of, resulting from, or in any way related to the Project or the Agreement from any cause or causes, including but not limited to the negligence, professional errors or omissions, strict liability, breach of contract, indemnity obligations, or warranty express or implied, of Engineer or Engineer's officers, directors, members, partners, agents, employees, Subconsultants, or Engineer's Subcontractors (hereafter "Owner's Claims"), will be limited to (1) responsibility for payment of all or the applicable portion of any deductibles, either directly to the Engineer's insurers or in settlement or satisfaction, in whole or in part, of Owner's Claims, and (2) total insurance proceeds paid on behalf of or to Engineer by Engineer's insurers in settlement or satisfaction of Owner's Claims under the terms and conditions of Engineer's applicable insurance policies up to the amount of insurance required under this Agreement.
  1. Such limitation will not be reduced, increased, or adjusted on account of legal fees paid, or costs and expenses of investigation, claims adjustment, defense, or appeal.
  2. If no such insurance coverage is provided with respect to Owner's Claims, then the total liability, in the aggregate, of Engineer and Engineer's officers, directors, members, partners, agents, employees, Subconsultants, and Engineer's Subcontractors, to Owner

and anyone claiming by, through, or under Owner, for any and all such uninsured Owner's Claims will not exceed \$[1,000,000.00].

- B. Provisions and limitations associated with indemnity agreements are governed by and subject to NMSA 1978, Section 56-7-1.

**APPENDIX 1: REIMBURSABLE EXPENSES SCHEDULE**

---

Reimbursable Expenses are subject to review and adjustment on an annual basis. Rates and charges for Reimbursable Expenses as of the Effective Date of the Main Agreement are:

Plotting, Printing, Binding (subconsultant)	<b>Invoiced Cost + 10%</b>
Laboratory Testing (subconsultant)	<b>Invoiced Cost + 10%</b>
Mileage (auto)	<b>IRS Standard Rate/mile</b>
Air Transportation	<b>at cost</b>
Meals and Lodging	<b>at cost</b>
Consumable Field Supplies	<b>Invoiced Cost + 10%</b>
Field Instrumentation Usage	<b>at cost</b>

## APPENDIX 2: STANDARD HOURLY RATES SCHEDULE

---

### A. Standard Hourly Rates

1. Standard Hourly Rates are set forth in this Appendix 2 and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in the Agreement and the governing Task Order.
3. The Standard Hourly Rates are subject to annual adjustment.

### B. Schedule\*: Hourly rates for services performed on or after the date of the Agreement are:

Project Manager I	\$ [Enter Rate]/hour
Project Manager II	\$ [Enter Rate]/hour
Accounting/Admin 1	\$ [Enter Rate]/hour
Accounting/Admin 2	\$ [Enter Rate]/hour
Engineer 1	\$ [Enter Rate]/hour
Engineer 2	\$ [Enter Rate]/hour
Engineer 3	\$ [Enter Rate]/hour
Technician 1 (CAD, GIS, Field, Testing)	\$ [Enter Rate]/hour
Technician 2 (CAD, GIS, Field, Testing)	\$ [Enter Rate]/hour
Technician 3 (CAD, GIS, Field, Testing)	\$ [Enter Rate]/hour
RPR 1	\$ [Enter Rate]/hour
RPR 2	\$ [Enter Rate]/hour

\*This table may be substituted for a comparable schedule of rates based on Engineer's billing structure.

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the specific Agreement between Owner and Engineer, and the controlling Laws and Regulations.

EJCDC® E-505, Agreement between Owner and Engineer for Professional Services—Task Order Edition, is published in four parts: (1) the Main Agreement (general provisions governing all Task Orders); (2) the Exhibits to Main Agreement; (3) the Task Order Form (see below); and (4) the Exhibits to Task Order. The Main Agreement contains a Guidelines for Use section that pertains to all four parts of E-505.

## **AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES— TASK ORDER EDITION**

### **PART 3 OF 4: TASK ORDER FORM**

Prepared by



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# TASK ORDER NO. [\_\_\_\_]

This is Task Order No. [\_\_\_\_],  
consisting of 7 pages.

## Guidance Notes

1. For each specific Task Order, modify this form as to scope, compensation, schedule, baseline information, and other key items. Where the services of the Engineer involve activities under other related Task Orders, those Specific Projects should be identified in this Task Order.
2. For additional discussion regarding the use of this Task Order Form, see the Guidelines for Use section that precedes the text of the Main Agreement.

In accordance with Paragraph 1.01, Main Agreement, of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated [date], Owner and Engineer agree as follows:

### 1. TASK ORDER DATA

a.	Effective Date of Task Order:	
b.	Owner:	<b>Southern Sandoval County Flood Control Authority</b>
c.	Engineer:	
d.	Specific Project (title)	
e.	Specific Project (description):	
f.	Related Task Orders Supplemented by this Task Order: Superseded by this Task Order:	

### 2. BASELINE INFORMATION

#### Guidance Notes – Baseline Information

1. Inherent in establishing the scope of Engineer's services for a specific Task Order is clearly defining the nature of the facility or facilities to be studied, planned, designed, or built, to the extent known at the time the Task Order is issued. Providing such information creates a mutual understanding by the parties as to the services that will be needed, as well as the level of effort and time (and thus cost) required to deliver those services. To accurately establish the scope of services, it is almost

Task Order.

always in the best interest of both the Owner and the Engineer when the Owner provides as much detailed baseline information regarding the facilities as is reasonably available.

2. If known, the baseline information regarding the physical improvements to be designed should include important controlling features, assumptions, and limitations that may affect Engineer's services. The information may be expressly stated below or by reference to external sources, such as requests for proposal or actual proposals, both of which often contain project descriptions.

**Baseline Information.** Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

#### Notes to User

1. Here insert relevant information about the Specific Project, either directly or by reference, to the extent known and necessary to give context to the Engineer's services that are specified in Exhibit A.
2. Below are some suggested or sample categories of information that may have been furnished to Engineer as baseline information about the Specific Project. Other categories may be relevant to the specific engagement.
3. In Paragraph 6.09.A of the Main Agreement the Owner represents that no Constituents of Concern, other than those disclosed to Engineer, exist at or adjacent to the Site. Such disclosures may be made here; and any specific exception to the Owner's representation should be addressed here or elsewhere in the Task Order.
4. Note that the term "Specific Project" is broadly defined; in most cases it will be sufficient here to describe information relevant to those portions of the Specific Project within Engineer's scope of services.

Specific Project Title:

---

Type and Size of Facility:

---

Description of Improvements:

---

Expected Construction Start:

---

Prior Studies, Reports, Plans:

---

Facility Location(s):

---

Current Specific Project Budget:

---

Funding Sources:

---

Task Order.

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Known Design Standards:

---

Known Specific Project  
Limitations:

---

Specific Project Assumptions:

---

Other Pertinent Information:

---

### 3. SERVICES OF ENGINEER (“SCOPE”)

A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:

**[Select one of the following options and delete the others.]**

Exhibit A to Task Order, “Engineer’s Services for Task Order,” as attached to this specific Task Order. **[Attach a scope of services exhibit labeled “Exhibit A.” This exhibit will often be based on E-505’s published Exhibit A to Task Order, as modified for the specific Task Order; or at the user’s option the exhibit may consist of an attached custom-drafted scope of services, or a scope of services set out in a separate document such as a letter or proposal.]**

**[or]**

as follows: **[Directly insert customized scope of services here.]**

B. All of the services included above comprise Basic Services for purposes of Engineer’s compensation under this Task Order, with the exception of Resident Project Representative Services, if any, which are compensated separately.

#### Notes to User

1. If RPR services are not in the scope of this Task Order, do not include any references to RPR services in Exhibit A for this Task Order (or state “Does not apply” or similar), or in any other scope of services text or document.
2. Modify Exhibit D to Task Order to suit this specific Task Order, and attach the modified document.

C. Resident Project Representative (RPR) Services:

1. If the Scope established in Paragraph 2.A above includes RPR services, then Exhibit D to Task Order is expressly incorporated in this Task Order by reference.

D. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner’s written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, **[if more clarity is needed, identify specific situations qualifying as additional effort, such as those described in Exhibit A to Task Order, Paragraph 2.01]** are Additional Services, and will be compensated

---

Task Order.

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by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Main Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

#### 4. DELIVERABLES SCHEDULE

- A. In submitting required Documents and taking other related actions, Engineer and Owner will comply with Exhibit B to Task Order, attached to this specific Task Order.

#### 5. ADDITIONS TO OWNER'S RESPONSIBILITIES

- A. Owner shall have those responsibilities set forth in Article 2 of the Main Agreement, and the following supplemental responsibilities that are specific to this Task Order: **[State any supplementary Owner responsibilities applicable to this Task Order here.]**

#### 6. TASK ORDER SCHEDULE

- A. In addition to any schedule provisions provided in Exhibit B or elsewhere, the parties shall meet the following schedule: **[Indicate "Not Applicable" if the schedule in Exhibit B, as modified for the specific Task Order, is sufficient.]**

Date	Action / Milestone	Comment

#### 7. ENGINEER'S COMPENSATION

- A. The terms of payment are set forth in Article 4 of the Main Agreement.
- B. Owner shall pay Engineer for services rendered under this Task Order as follows:

#### Notes to User

1. Delete line items that do not apply to this Task Order.
2. For each line item indicate either "Lump Sum," "Direct Labor," "Hourly Rates" or other method as the Basis of Compensation.
3. Revise, if necessary, with descriptions of key phases or subtasks, or cross-reference to Exhibit A to Task Order or other scope of services as appropriate.
4. In the typical Task Order many of the line items under Item 1, Basic Services, will be governed by a single Basis of Compensation; however, it is not unusual to have some variation in compensation methods among the services, so the table allows the user to establish specific bases of compensation for each of the various Basic Compensation phases or subtasks (1.a and following.) Add or remove subtask items as needed.

5. If compensation for a phase or subtask of Engineer’s services will vary if the construction contractor extends its time at the site, then the information furnished in the asterisked note at the end of the table will serve as the baseline for a possible adjustment of compensation.

Description of Service	Amount	Basis of Compensation
1. Basic Services	[\$ [ ] ]	[ [ ] ]
a. Phase or Subtask 1	[\$ [ ] ]	[ [ ] ]
b. Phase or Subtask 2	[\$ [ ] ]	[ [ ] ]
c. Phase or Subtask 3	[\$ [ ] ]	[ [ ] ]
d. Phase or Subtask 4*	[\$ [ ] ]	[ [ ] ]
2. Resident Project Representative Services*	[\$ [ ] ]	[ [ ] ]
TOTAL COMPENSATION (items 1 and 2)	[\$ [ ] ]	
3. Additional Services under Section 2.D above	(N/A)	[ [ ] ]

\*Based on a [number]-month continuous construction period.

- C. Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. For lump sum items, Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered, but shall not exceed the total lump sum compensation amount unless approved in writing by the Owner.

**8. ENGINEER'S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER:**

- A. [Identify primary Subconsultants]

**9. EXHIBITS AND ATTACHMENTS:**

- A. Exhibit A to Task Order—Engineer's Services Under Task Order  
 B. Exhibit B to Task Order—Task Order Deliverables Schedule  
 C. Exhibit D to Task Order—Duties, Responsibilities, and Limitations of Authority of Resident Project Representative Under Task Order

Task Order.

D. Exhibit E to Task Order-EJCDC® C-626, Notice of Acceptability of Work (Form)

E. Other:

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Main Agreement and its exhibits and appendices, which Main Agreement, exhibits, and appendices are incorporated by this reference.

OWNER:

ENGINEER:

By: \_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Engineer's License or Firm's  
Certificate No. (if required): \_\_\_\_\_

State of: \_\_\_\_\_

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

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Task Order.

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E-Mail  
Address: \_\_\_\_\_

E-Mail  
Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

---

**Task Order.**

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## **AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES— TASK ORDER EDITION**

### **PART 4 OF 4: EXHIBITS TO TASK ORDER**

Prepared by





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**Guidance Notes—Preparing Exhibit A for the Specific Project**

1. As published, Exhibit A, Engineer’s Services Under Task Order, contains a comprehensive scope of services, starting with Study and Report Phase services and continuing through Preliminary Design, Final Design, Construction Phase services, Post-Construction services, and potential Additional Services. For each specific Task Order, Owner and Engineer should carefully review and modify Exhibit A to reflect the needs of the Specific Project. In some cases this may entail supplementing the published provisions with more specific or detailed descriptions of services. In other cases the parties may substantially trim the scope of services, for example by narrowing the scope to Study and Report Phase services only, or by reducing the Engineer’s role during construction.
2. Even when most of Exhibit A as published is retained, the user will note that there are many places in which it is necessary to furnish Task Order-specific information, as indicated by notes and prompts.
3. Exhibit A as published is coordinated with the Main Agreement and its exhibits, the Task Order Form, and the other Task Order exhibits; and also with the terms and provisions of related EJCDC documents, most notably with the content of EJCDC® C-700 2018, Standard General Conditions of the Construction Contract, and the other 2018 Construction Series documents. When supplementing or revising Exhibit A for use as an exhibit to a specific Task Order, the user should take care to preserve this coordination, by using consistent terminology, and by noting and addressing any divergence between Engineer’s duties in Exhibit A (as modified) and in other sections of the Agreement or related documents such as C-700.
4. As an acceptable alternative to basing the scope of Engineer’s services on Exhibit A as published, some users prefer to substitute a customized scope of services document. The customized scope of services document may be based on the content of Engineer’s proposal to provide services, on Owner’s specific procurement and construction processes, or on highly specialized descriptions of services. When a customized scope of services is used (as an alternative to basing the scope on Exhibit A as published), the user should take additional precautions to assure coordination of duties, requirements, and terminology within the Agreement, and with respect to related documents.
5. This Exhibit has been drafted in anticipation of use with a Task Order under a Specific Project. (See definition of “Specific Project” in the Main Agreement, Paragraph 7.01.A.) If the term “Project” is

used alone, it should be construed as applying to that Specific Project, unless by context, the use plainly refers to a project or program of which the Specific Project is only a part. Care should be exercised in editing the exhibit to use the term “Specific Project” unless a different concept is intended.

6. This Exhibit A, Engineer’s Services Under Task Order, differs from the Exhibit A (“Engineer’s Services”) that accompanies EJCDC® E-500 in two significant respects: (a) E-500’s Exhibit A begins with a Baseline Information section. In this document, the Baseline Information section has been relocated to the Task Order Form. (b) E-500’s Exhibit A contains a complete Management of Engineering Services section. In this document, the Management of Engineering Services provisions have been relocated to Paragraph 1.03 in the Main Agreement; this is noted in Paragraph 1.01 below.

Article 1 of the Main Agreement, Services of Engineer, is supplemented to include the following provisions:

Engineer shall provide Basic and Additional Services as set forth below.

#### **Guidance Notes—Quantification of Certain Services**

1. This Exhibit includes numerous services that, depending on the nature of the Task Order, will likely be provided on multiple occasions, for repetitive activities, or recurring periods or intervals. Examples are progress meetings, responding to requests for information or interpretation (RFI), reviewing Bidder or Contractor “or equals” or substitution requests, and processing Change Proposals.
  - a. Because the quantity of such repetitive activities is wholly dependent upon the needs of the Project, no single or “standard” specified quantity is offered here.
  - b. The general approach of this Exhibit is that Engineer’s Basic Services include a reasonable number of such repetitive activities, unless a bracketed selection or option is provided.
  - c. Excessive quantities of repetitive activities are typically handled as Additional Services.
  - d. The parties may desire specificity as to the quantity of any repetitive service to be provided, both to assure the Owner as to the number of such activities to be included and to facilitate budgeting for Basic Services. Anywhere in this Exhibit A that a repetitive service is stated, the parties may modify the wording to define a specific quantity for the service to be included as a Basic Service.

### **ARTICLE 1—BASIC SERVICES**

#### 1.01 Management of Engineering Services

- A. See Main Agreement, Paragraph 1.03.

#### 1.02 Study and Report Phase

- A. Engineer shall:

1. Consult with Owner to define and clarify Owner’s requirements for the Specific Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations, and identify available data, information, reports, facilities plans, and site evaluations.

- a. If Owner has already identified one or more potential solutions to meet its Specific Project requirements, then proceed with the study and evaluation of the Owner-identified potential solutions listed here:
    - 1) **[List the specific potential solutions to be studied and evaluated here].**
  - b. If Owner has not identified specific potential solutions for study and evaluation, then assist Owner in determining whether Owner’s requirements, and available data, reports, plans, and evaluations, point to a single potential solution for Engineer’s study and evaluation, or are such that it will be necessary for Engineer to identify, study, and evaluate multiple potential solutions.
  - c. If it is necessary for Engineer to identify, study, and evaluate multiple potential solutions, then identify **[insert specific number]** alternative solutions potentially available to Owner, unless Owner and Engineer mutually agree that some other specific number of alternatives should be identified, studied, and evaluated.
2. Identify potential solution(s) to meet Owner’s Specific Project requirements, as needed.
  3. Study and evaluate the potential solution(s) to meet Owner’s Specific Project requirements.
  4. Visit the Site, or potential Specific Project sites, to review existing conditions and facilities, unless such visits are not necessary or applicable to meeting the objectives of the Study and Report Phase.
  5. Assess initially available Specific Project information and data, including the Baseline Information set forth at the beginning of this Exhibit A.
  6. Advise Owner of any need for Owner to obtain, furnish, or otherwise make available to Engineer additional Specific Project-related information and data, for Engineer’s use in the study and evaluation of potential solution(s) to Owner’s Specific Project requirements, and preparation of a related report.
  7. After consultation with Owner, recommend the solution(s) which in Engineer’s judgment meet Owner’s requirements for the Specific Project.
  8. Identify, consult with, and analyze requirements of authorities having jurisdiction to permit or approve construction or operation of the portions of the Specific Project to be designed or specified by Engineer, including but not limited to impacts and mitigating measures identified in previously prepared environmental assessments for the Specific Project provided to the Engineer or being concurrently prepared for Owner by others.
  9. Advise the Owner of any need for Owner to provide data or services of the types described in Article 2 of the Agreement, for use in Specific Project design, or in preparation for Contractor selection and construction.
  10. Assist Owner in evaluating the possible use of building information modeling; civil integrated management; geotechnical baselining of subsurface conditions at the Site; innovative design, contracting, or procurement strategies; project delivery method; or other strategies, technologies, or techniques for assisting in the design, construction, and operation of Owner’s facilities. The subject matter of this paragraph will be referred to in Exhibit A as “Specific Project Strategies, Technologies, and Techniques.”

11. Assist Owner in identifying opportunities for enhancing the sustainability of the Specific Project, and pursuant to Owner's instructions, plan for the inclusion of sustainable features in the design.
12. Review with Owner the thresholds established in applicable codes, standards, and design criteria specifically governing the ability of the proposed facilities or improvements to perform, and to absorb or avoid damage without suffering complete or substantial failure. As part of the review, identify additional risk assessment studies or tools that are available to evaluate the susceptibility of the facilities or improvements to natural and man-made events beyond the applicable established thresholds. Upon Owner request, as an additional service, perform additional risk assessment studies or tools to further evaluate system resiliency beyond the applicable established thresholds.
13. Utilities, including Underground Facilities
  - a. Review any utility mapping and surveys and other utilities documentation made available by Owner. Take note of observable utilities during Site visit.
  - b. Identify, in a preliminary manner and to the extent determinable by such mapping or other information provided by Owner, and by observations at the Site, those utilities (whether above-ground utilities of any type, or Underground Facilities) likely to be affected by the Specific Project construction and additional utility facilities or extensions that will be needed to serve the Specific Project.
  - c. If the impact on existing utilities or the need for additional utility facilities or extensions cannot reasonably be determined in a preliminary manner from mapping or other information provided by Owner, or such information was not available from Owner, then assist Owner in evaluating the need to either obtain additional utility mapping and utility documentation during the Study and Report Phase, or undertake other alternative approaches and contingencies to account for utility uncertainties in this phase.
  - d. Advise Owner of additional utility documentation and coordination needed during the design and construction phases to adequately assess, mitigate, and manage the impact of the Specific Project (including any additional utility facilities or extensions needed to serve the Specific Project) on existing utilities.
  - e. Use ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data" as a means to advise the Owner regarding the extent and identification and mapping of existing Underground Facilities during the design and construction phases.
    - 1) If Owner has retained a land surveyor, utility engineer, or utility consultant, collaborate with such individuals or entities regarding the application of ASCE 38.
14. Inquire regarding survey methodologies and technologies that would aid in addressing Owner's Specific Project requirements. Develop a scope of work and survey limits for any topographic and other surveys necessary for design. For recommended survey deliverables, specify a) required technical specifications; b) pertinent datum; c) survey

limits, and d) formats of deliverables. Collaborate with land surveyor, when separately retained by Owner or third party, to develop such scope of work.

15. Prepare a report (the "Report") which will, as appropriate, contain schematic layouts, sketches, and conceptual design criteria with appropriate exhibits to indicate the agreed-to requirements, considerations involved, and Engineer's recommended solution(s).
    - a. For each recommended solution, Engineer will separately tabulate Total Project Cost, itemizing those items and services included within the definition of Total Project Costs.
    - b. Engineer will meet with Owner to discuss the draft Report and receive Owner's comments.
  16. Perform or provide the following other Study and Report Phase tasks or deliverables:
    - a. **[List any such tasks or deliverables here].**
  17. Furnish the Report and any other Study and Report Phase deliverables to Owner pursuant to the requirements of the Deliverables Schedule in Exhibit B, and review the deliverables with Owner.
  18. Revise the Report and any other Study and Report Phase deliverables in response to Owner's comments, as appropriate, and submit revised deliverables pursuant to the Deliverables Schedule.
- B. Engineer's services under the Study and Report Phase will be considered complete on the date when Engineer has delivered to Owner the final Report (as revised) and any other Study and Report Phase deliverables.

#### **Guidance Notes—Preliminary Design Phase**

1. In the Preliminary Design Phase, all major decisions on the Specific Project's scope, extent, design criteria, and quality should be finalized, and a preliminary design (usually including preliminary drawings and a preliminary list of expected specifications) established. The Preliminary Design Phase should fully set the stage for development of the final Drawings, Specifications, and other Bidding Documents.
2. The suggested report content included in Exhibit A for the Study and Report Phase (Exhibit A Paragraph 1.02 above) and the Preliminary Design Phase (Exhibit A Paragraph 1.03 below) are general guides to elements and subject matter often contained in such reports, and may be either more or less comprehensive than what is needed to establish the scope of Engineer's services for the Specific Project.
3. As with all of Exhibit A, the scope for report content is intended to be customized for each particular Specific Project.
4. Many owners, funding agencies, and regulatory authorities have published report guidelines that may be good resources for establishing a report scope. For example, the United States Department of Agriculture, Rural Development (USDA/RD), has developed a template for preliminary engineering reports (PER) which may also be useful guidance for projects without USDA/RD involvement.

5. Often in engineering projects, the interim design submittals are labeled as 30%, 60%, 90%, and 100%, or other percentages based on owner usage, to indicate level of completeness of the overall design. These can be misleading labels, as level of completeness is not easily measured in objective metrics, and, on multidiscipline projects (the rule, not the exception), not all disciplines are at the same level of completeness at every design submittal. EJCDC does not use the percentage system to define design completion status, but as an approximate reference for users who are accustomed to percentages, completion of Engineer's services in the Preliminary Design Phase roughly corresponds to 30% design completion.
6. The Preliminary Design Phase services that follow include specific obligations with respect to utilities at the Site. These should be carefully reviewed and modified as necessary to conform to practices and Laws and Regulations applicable to the Specific Project.

### 1.03 Preliminary Design Phase

- A. After acceptance by Owner of the Report and any other Study and Report Phase deliverables (if Engineer's services under this Agreement included Study and Report Phase services); selection by Owner of a recommended solution; issuance by Owner of any instructions for use of Specific Project Strategies, Technologies, and Techniques, or for inclusion of sustainable features in the design, or enhanced resiliency of the design; indication by Owner of any specific modifications or changes in the scope, extent, character, or design requirements of the Specific Project desired by Owner; and any necessary changes, refinements, and supplementation of the Baseline Information set forth at the beginning of this Exhibit A, Engineer and Owner shall discuss, resolve, and document in writing any necessary revisions to Engineer's scope of services, compensation (through application of the provisions regarding Additional Services, or otherwise), and the time for completion of Engineer's services, resulting from the selected solution, related Specific Project Strategies, Technologies, or Techniques, sustainable design and resiliency instructions, specific modifications to the Specific Project, or changes, refinements, or supplementation of the Baseline Information.
- B. Upon written authorization from Owner, Engineer shall:
  1. Review and assess all available Specific Project information and data, including any pertinent reports or studies (whether prepared by Engineer or others) and any related instructions from Owner.
  2. Based on the threshold review and assessment of available information and data, advise Owner of any need for Owner to obtain, furnish, or otherwise make available to Engineer any additional information and data, for Engineer's use in the preparation of a Preliminary Design Phase Report.
  3. Prepare a Preliminary Design Phase Report in the following format: **[specify the format that is appropriate to the scope of the design and sufficient for Owner's purposes—ranging from a consolidated and comprehensive narrative report to an assemblage of required documents]**.
  4. The Preliminary Design Phase Report will consist of final design criteria, preliminary drawings, a preliminary list of expected specifications, and written descriptions of the Specific Project. The Preliminary Design Phase Report will consider the following



matters to the extent applicable to the Specific Project and as necessary to establish the basis of design for proceeding to final design and construction:

- a. The Specific Project concept, intent, performance criteria, desired outcomes, Owner's standards and Owner directed improvements and facility elements as established in the Study and Report Phase and as expressly set forth in the Baseline Information section of this Exhibit A (collectively the "Specific Project Goals").
  - b. Recommended appropriate design criteria for each primary portion and significant discipline of the design necessary to address the Specific Project Goals.
  - c. Site conditions and characterization as known at the time of, or to be determined during, the Preliminary Design Phase, including topography; subsurface information; Constituents of Concern; cultural, historical, and archaeological resources at the Site; wetlands information; and evaluations of flora and fauna that may be affected by the Specific Project.
  - d. The time schedule for completion of the Specific Project in accordance with Specific Project Goals, including any recommended changes to the time required to complete the Final Design Phase (as set forth in Exhibit B, Deliverables Schedule) and estimated schedule(s) for construction.
  - e. Identification of major items of materials and equipment, rationale for selection with consideration of quality, suitability, pricing, sourcing, regulatory, and bidding issues affecting recommended selection.
  - f. Revised opinions of probable Construction Cost.
  - g. The impact of Specific Project Strategies, Technologies, and Techniques, sustainable features, and enhanced resiliency selected by Owner for inclusion in the Specific Project on the Specific Project Goals, schedule and probable Construction Cost, including impact of multiple prime construction contracts, separate procurement of materials or equipment, and other alternate project delivery methods when the Specific Project Goals necessitate and Owner authorizes;
  - h. Construction Phase quality assurance and quality control needs affecting development of Drawings and Specifications and other Final Design and Bidding Phase documents.
  - i. The effect of permits and authorizations by other entities and utility coordination needs on the Specific Project.
  - j. Other matters and information pertinent to addressing the Specific Project Goals.
5. In preparing the Preliminary Design Phase Report, use any specific applicable Specific Project Strategies, Technologies, and Techniques authorized by Owner during or following the Study and Report Phase, and include sustainable features and enhanced resiliency, as appropriate, pursuant to Owner's instructions.
  6. Visit the Site as needed to prepare the Preliminary Design Phase Report.
  7. If at any point in the Preliminary Design Phase it becomes apparent to Engineer that additional reports, data, information, or services of the types described in Article 2 are

necessary, then so advise Owner, and assist Owner in obtaining such reports, data, information, or services.

8. Above-Ground Utilities

- a. Review above-ground utilities information obtained from Owner and from observations at the Site.
- b. Make recommendations regarding any further identification, investigation, and mapping of above-ground utilities at or adjacent to the Site, for Engineer's design purposes or otherwise.
- c. Account for above-ground utilities, based on available information, when advancing design during the Preliminary Design Phase.

9. Underground Facilities

- a. Review Underground Facilities data furnished by Owner. Assist Owner in reducing and managing risks associated with Underground Facilities by working together with Owner to jointly establish a procedure ("Underground Facilities Procedure") for the further identification, investigation, and mapping of Underground Facilities at or adjacent to the Site, using ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data," as a basis for establishing such Underground Facilities Procedure.
- b. Such Underground Facilities Procedure must take into account the Site and the nature of the Specific Project.
- c. Use the Underground Facilities Procedure to aid in the performance of design services:
  - 1) Account for Underground Facilities, based on available information, when advancing the design during the Preliminary Design Phase.
  - 2) The Underground Facilities Procedure will include a plan to keep Underground Facilities information current as Engineer proceeds with the provision of design services, and to add new or relocated Underground Facilities information to the base utility or Site drawings.
  - 3) To manage the potential impact of design changes on Underground Facilities, Engineer shall work together with Owner to modify or reapply the Underground Facilities Procedure as the design progresses and changes.

10. Mitigation of Utilities Conflicts

- a. Identify potential conflicts between the Specific Project (including existing and new facilities and structures) and above-ground utilities and Underground Facilities as reviewed in Exhibit A Paragraphs 1.03.B.8 and 9 above, and advise Owner regarding the need for resolution of such conflicts with utility and Underground Facilities owners and permit agencies. Identify the potential need for the relocation of existing above-ground utilities and Underground Facilities.
- b. Update the Underground Facilities Procedure as necessary for any Underground Utilities conflicts and relocations.

- c. Working together with Owner, jointly identify which specific parties or other entities will be responsible for implementation of the various specific parts of the Underground Facilities Procedure (including those parts that address resolution of Underground Facilities conflicts), and for resolution of above-ground utilities conflicts. Such identification will take into account Owner's authority and standing, as owner of the Site, with respect to Underground Facilities and above-ground utilities.
  - 1) To the extent that Owner and Engineer agree that in addition to performing the design-related obligations set forth in Exhibit A Paragraphs 1.03.B.8 and 9, Engineer will also implement any non-design part of the Underground Facilities Procedure (including resolution of Underground Facilities conflicts), or undertake resolution of above-ground utilities conflicts, such additional duties will be Additional Services under Article 2 of this Exhibit A.

11. Surveys, Topographic Mapping, and Utility Documentation

- a. Coordinate with Owner's utility engineer, utility consultant, or land surveyor for the necessary field surveys, topographic mapping, and utility documentation required for Engineer's design purposes, or by the Underground Facilities Procedure.
- b. If no scope of work and procedure for utility documentation has been established, selected, or authorized, then at a minimum Engineer will contact utility owners and obtain available information. Except as otherwise provided in this Agreement, Owner acknowledges that the information gathered from utility owners may be incorrect, incomplete, outdated, or otherwise flawed, and as to Engineer, bidders, and Contractor, the Owner accepts all associated risks. Owner reserves all associated rights as to recourse against the sources of such flawed information and against third parties.

12. Prepare initial draft of a comprehensive permit document that identifies Owner's permit duties, Engineer's permit duties, and Contractor's permit duties, and the schedule for permitting activities.

13. Continue to assist Owner with Specific Project Strategies, Technologies, and Techniques that Owner has chosen to implement in Exhibit A Paragraph 1.03.A.

14. Obtain Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's Bidding/Proposal Documents and Front-End Construction Contract Documents.

- a. Also obtain copies of Owner's standard Bidding/Proposal Documents and Front-End Construction Contract Documents (if other than the EJCDC 2018 Construction Series documents), and any other related documents or content for Engineer to include in drafts of the Specific Project-specific Bidding/Proposal Documents and Front-End Construction Contract Documents, when applicable.

- b. Review Owner’s instructions regarding procurement, bidding and contracting of construction services with respect to effects on the Specific Project design, schedule and construction and address as needed in the Preliminary Design Phase deliverables.
15. Prepare the Preliminary Design Phase Report. This Report will consist of, as appropriate, separate or combined submittals in whole or summary, the Preliminary Design Phase documents listed in Exhibit A Paragraph 1.03.B.4, and Engineer’s findings and recommendations for advancing the Specific Project to the Final Design Phase (including Engineer’s findings and recommendations, if any, regarding permitting, utilities, and Underground Facilities). The submittal will be in the format of a report, or otherwise organized and assembled for ease and practicality of use.
- a. Based on the information contained in the Preliminary Design Phase documents, prepare a revised opinion of probable Construction Cost, and on the basis of information furnished by Owner, assist Owner in tabulating the various cost categories which comprise Total Project Costs.
  - b. Engineer will meet with Owner to discuss the draft Preliminary Design Phase submittal and receive Owner’s comments.
16. Perform or provide the following other Preliminary Design Phase tasks or deliverables:
- a. **[List any such tasks or deliverables here].**
17. Furnish the Preliminary Design Phase Report, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables to Owner pursuant to the requirements of the Deliverables Schedule in Exhibit B, and review the deliverables with Owner.
18. Revise the Report and any other deliverables in response to Owner’s comments, as appropriate, and submit revised deliverables pursuant to the Deliverables Schedule.
- C. Engineer’s services under the Preliminary Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Preliminary Design Phase Report (as revised) and associated documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables.

#### 1.04 Final Design Phase

##### Guidance Notes

1. In the Final Design Phase, the Engineer prepares the final Drawings and Specifications. In many cases the Engineer will also prepare or assist in the preparation (by Owner or others) of the bidding and contracting documents.
2. As noted above with respect to the Preliminary Design Phase, in Guidance Note 5, immediately preceding Exhibit A Paragraph 1.03 above, it is common to refer to interim design submittals as 30%, 60%, 90%, and 100%, to indicate the level of completeness of the overall design. Although EJDC does not use these percentage labels (for the reasons stated in the cited Guidance Note 5 above), for reference purposes the Engineer’s completion of the Preliminary Design Phase should bring the design to roughly 30% completion. The first draft referred to here in the Final Design Phase (1.04.B.1)

is a rough equivalent of 60% completion; the second draft (1.04.B.2) may be thought of as roughly 90% completion; and the third and final draft (1.04.B.3) as 100% completion.

3. Some owners prefer to handle the preparation of construction procurement (by bidding or other selection methods) and the construction contract documents (together commonly referred to as “Division 00” under the Construction Specifications Institute (CSI) MasterFormat™) with little or no involvement by the Engineer, other than with respect to Engineer’s preparation or furnishing of the Drawings, Specifications, and other design and technical documents. Instead, such owners rely either on their own in-house staff and legal counsel for such services, or on third-parties such as a construction manager. When such is the case, modify the requirements of Exhibit A Paragraph 1.04.D, regarding Bidding/Proposal Documents and Construction Contract Documents, as well as the contents of Article 2, Owner’s Responsibilities, to fit the requirements of the specific engagement.
4. This exhibit has been coordinated for use with the 2018 EJCDC Construction Documents. When other bidding and contract documents will be used on the Specific Project, it is important for the Owner and Engineer to carefully coordinate the Engineer’s authority, responsibilities, and scope of services (especially during construction) under such other forms with the provisions of Exhibit A. If the final bidding and contract requirements are not known at the time of the execution of the agreement, some modifications to the Agreement may be needed during the review by the parties under the Construction Phase services in Exhibit A Paragraph 1.06.A.

A. After acceptance by Owner of the Preliminary Design Phase Report and any other Preliminary Design Phase deliverables; issuance by Owner of any instructions for specific modifications or changes in the scope, extent, character, or design requirements of the Specific Project desired by Owner; and any necessary changes, refinements, and supplementation of the Baseline Information set forth at the beginning of this Exhibit A, Engineer and Owner shall discuss, resolve, and document any necessary revisions to Engineer’s scope of services, compensation (through application of the provisions regarding Additional Services, or otherwise), and the time for completion of Engineer’s services, resulting from specific modifications to the Specific Project, or changes, refinements, or supplementation of the Baseline Information.

1. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer’s compensation has been established under this Agreement is **[Enter number of contracts]**. If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Agreement.
2. If more than one prime construction contract is to be awarded for the Work designed or specified by Engineer, then Owner shall define and set forth (in an exhibit to this Agreement, or in a subsequent document) the duties, responsibilities, and limitations of authority of a person or entity that will have authority and responsibility for coordinating the activities among the various prime Contractors, and any resulting changes in the duties, responsibilities, and authority of Engineer.
3. In the event that the Work designed or specified by Engineer is to be performed or furnished under more than one prime construction contract, or if Engineer’s services are to be separately sequenced with the work of one or more separate design professional consultants or prime Contractors (such as in the case of fast-tracking), Owner and Engineer shall, prior to commencement of the Final Design Phase, develop

a schedule for performance of Engineer's services during the Final Design, Bidding/Proposal, Construction, and Post-Construction Phases in order to sequence and coordinate properly such services as are applicable under such separate prime construction contracts. This schedule is to be prepared and included in or become an amendment to Exhibit A whether or not the work under such construction contracts is to proceed concurrently.

- B. Upon written authorization from Owner, Engineer shall prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor, in accordance with the Preliminary Design Phase Report (as revised) and other Preliminary Design Phase deliverables. As part of the preparation of the Drawings and Specifications, Engineer shall prepare interim drafts and final Drawings and Specifications as follows, pursuant to the Deliverables Schedule in Exhibit B:
  - 1. Second Final Design Phase draft of all Drawings and Specifications, addressing Owner comments and including appropriate design advancement.
  - 2. Final Drawings and Specifications that address Owner comments; complete the design; are suitable for estimating and pricing by prospective Contractors; and are complete and ready for construction.
- C. In preparing the Specifications (and any bidding, contract, or other documents that are part of Engineer's scope of services), Engineer shall obtain from Owner or Owner's legal counsel any relevant constraints such as requirements for use of domestic steel and iron, other domestic purchasing requirements, statutory restrictions on utilizing proprietary specifying methods, and the like, and comply with or account for such constraints in drafting Specifications, Bidding/Proposal Documents, and other Specific Project documents.
- D. Engineer shall prepare or assemble draft Bidding/Proposal Documents and Front-End Construction Contract Documents as follows:
  - 1. Such documents will be based on the **2018 EJCDC Construction Documents**, and on the specific bidding or Contractor selection-related instructions and forms, contract forms, text, or other content received from Owner.
  - 2. When Engineer is required to use other than the 2018 EJCDC Construction Documents, then as required in the Preliminary Design Phase Owner will furnish to Engineer a copy of the required documents to be used for the Specific Project's Bidding/Proposal Documents and Front-End Construction Contract Documents. Prior to the first Final Design Phase submittal, Engineer will review the bidding and contracting documents furnished by Owner and provide comments to Owner. Engineer will meet with Owner to discuss Engineer's comments. Owner will consider Engineer's recommendations to revise Owner's documents for the Specific Project.
  - 3. Engineer will furnish to Owner, for review by Owner's legal counsel, the draft Bidding/Proposal Documents and Front-End Construction Contract Documents. Owner and Owner's legal counsel must transmit to Engineer, in a timely manner, one coordinated set of comments and revisions to the draft documents.
- E. During the Final Design Phase the Engineer shall continue to account for above-ground utilities and Underground Facilities as the design advances and is finalized. This may include:

1. performing the services assigned to Engineer under the Underground Facilities Procedure described in Exhibit A Paragraph 1.03 above, including but not limited to the design-related tasks in Exhibit A Paragraph 1.03.B.9.
  2. addressing required and proposed activities or mitigations identified in the analysis of utilities and by the Underground Facilities Procedure as having an impact on the final design, and considering such in preparing the Drawings and Specifications.
- F. Engineer shall perform or furnish the following other Final Design Phase service
1. Visit the Site as needed to assist in preparing the final Drawings and Specifications.
  2. Assist with or prepare applications for permits and approvals, as follows:
    - a. Update comprehensive permit document created in Preliminary Design Phase for Final Design detail.
    - b. Prepare the following applications for Owner's submittal to authorities having jurisdiction over the construction or operation of the Specific Project:
      - 1) **[identify specific permit (municipalities? Floodplain? etc) or approval applications].**
    - c. Confer with Owner regarding revisions, if any, to the application(s), and make appropriate revisions to the application(s) for Owner's resubmittal to the authority having jurisdiction.
    - d. Provide technical criteria, written descriptions, and design data for Owner's use in filing applications for permits from or approvals of the authorities having jurisdiction listed above, including applications for review or approval of the final design.
    - e. Identify and indicate in the Construction Contract Documents the permits and approvals for which Contractor will be responsible, including work permits, building permits, and other permits and approvals that will be Contractor's responsibility; and, in addition, indicate those permits initially obtained by Owner for which Contractor will be a co-permittee, together with associated requirements.
    - f. Unless expressly indicated otherwise, Engineer's scope and budget includes attending one meeting or conference call with each permit and approval-issuing agency to discuss the Specific Project and receive the agency's comments on the application.
    - g. Engineer does not guarantee issuance of any required permit or approval.
    - h. Fees charged by authorities having jurisdiction for such permits or approvals are the responsibility of Owner.
  3. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost. Furnish to Owner an updated opinion of probable Construction Cost with the interim and final deliverables of the Drawings and Specifications.
  4. After consultation with Owner, include in the Front-End Construction Contract Documents any Electronic Document Protocol addressing specific protocols for the transmittal of Specific Project-related correspondence, documents, text, data,

drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Specific Project website.

5. Assist Owner in assembling known reports and drawings of Site conditions, and in identifying the technical data contained in such reports and drawings upon which bidders or other prospective contractors may rely.
  6. Review the preliminary schedule for the Construction Phase and advise Owner when initial understanding of the Construction Contract Times must or should be revised, and furnish Owner with recommendations on revisions to the proposed Construction Contract Times.
  7. Engineer's project manager and other appropriate staff will participate in the following meetings and conference calls:
    - a. First draft design review meeting at Owner's office.
    - b. Second draft design review meeting at Owner's office.
    - c. **[Indicate others as appropriate for the Specific Project].**
    - d. Engineer will prepare and distribute minutes of each such meeting and conference call, indicating attendees, topics discussed, decisions made, and action items for follow-up.
  8. Perform or provide the following other Final Design Phase activities or deliverables:
    - a. **[List any such tasks or deliverables here].**
- G. Engineer shall complete the Final Design Phase as follows:
1. Pursuant to the requirements of the Deliverables Schedule in Exhibit B, furnish for review by Owner, its legal counsel, and other advisors, the final Drawings and Specifications (as set forth in Exhibit A Paragraph 1.04.B.3 above); assembled drafts of other Construction Contract Documents including the draft Front-End Construction Contract Documents; the draft Bidding/Proposal Documents; the most recent opinion of probable Construction Cost; and any other Final Design Phase deliverables, and review the deliverables with Owner.
  2. Revise the final Design Phase deliverables in response to Owner's comments, as appropriate, and submit revised deliverables pursuant to the Deliverables Schedule.
  3. Engineer's services under the Final Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications; assembled drafts of the Front-End Construction Contract Documents; the draft Bidding/Proposal Documents; and any other Final Design Phase deliverables, as revised.

#### 1.05 Bidding/Proposal Phase

- A. After acceptance by Owner of the final Drawings and Specifications; assembled drafts of other Construction Contract Documents, including the draft Front-End Construction Contract Documents; the draft Bidding/Proposal Documents; the most recent opinion of probable Construction Cost as determined in the Final Design Phase, and any other Final Design Phase deliverables, and upon written authorization by Owner to proceed, Engineer shall:



1. Assist Owner in advertising for and obtaining bids or proposals for the Work; assist Owner in issuing assembled Bidding/Proposal Documents and proposed Construction Contract Documents to prospective contractors; if applicable, maintain a record of prospective contractors to which documents have been issued; attend pre-bid conferences, if any; and receive and process contractor deposits or charges, if any, for the issued documents.
  - a. **[List method (such as Owner’s procurement website, commercial plan room or web service, distribution by Engineer, etc.) that Owner will use for distributing Bidding Documents here]**
2. Prepare and issue addenda as appropriate to clarify, correct, or change the issued documents.
3. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Exhibit A Paragraph 2.01.A.2.
4. Attend the bid opening; prepare bid tabulation sheets; and assist Owner in evaluating bids or proposals, assembling final Construction Contracts for the Work for execution by Owner and Contractor, and in preparing notices of award to be issued by Owner for such contracts.
5. Provide information or assistance needed by Owner in the course of any review of bids, proposals, or negotiations with prospective contractors.
6. Consult with Owner as to the qualifications of prospective contractors.
7. Consult with Owner as to the qualifications of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
8. If Owner engages in negotiations with bidders or proposers, assist Owner with respect to technical and engineering issues that arise during the negotiations.
9. Perform or provide the following other Bidding/Proposal Phase tasks or deliverables:
  - a. **[Workforce Solutions? List any such tasks or deliverables here].**
10. The Bidding/Proposal Phase will be considered complete upon award of Construction Contracts for the Work and commencement of the Construction Phase, or upon cessation of negotiations with prospective contractors.

1.06 Construction Phase

- A. After completion of the Final Design Phase and concurrent with the Bidding/Proposal Phase, and after issuance by Owner of any instructions for specific modifications or changes in the scope, extent, character, design, schedule, number of prime construction contracts, and other construction requirements of the Specific Project during the Construction Phase desired by Owner, the Engineer and Owner shall discuss, resolve, and document any necessary revisions to Engineer’s scope of services or compensation (through application of

the provisions regarding Additional Services, or otherwise), or the time for completion of Engineer's services, resulting from specific modifications to the Specific Project.

1. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A Paragraph 1.06, as duly modified. With the exception of such expressly required services, Engineer shall have no design, Submittal (including Shop Drawing) review, or other obligations during construction, and Owner assumes all responsibility for providing or arranging for all other necessary Construction Phase administrative, engineering, and professional services.
  2. Owner waives all claims against Engineer and its officers, directors, members, partners, agents, employees, and Subconsultants, and Engineer's Subcontractors, that may be connected in any way to Construction Phase administrative, engineering, or professional services except for those services that are expressly required of Engineer in Exhibit A. Notwithstanding the foregoing waiver, Engineer shall be responsible for any professional opinions and interpretations provided by Engineer to Owner during the Construction Phase or Post-Construction Phase, including interpretations or clarifications of the Construction Contract Documents.
- B. Upon successful completion of the Bidding/Proposal Phase, and upon written authorization from Owner, Engineer shall provide the following services:
1. General Administration of Construction Contract: Consult with Owner and act as Owner's representative as provided in this Agreement and the Construction Contract. Unless otherwise set forth in the scope of Basic Services (as duly modified), the extent and limitations of the duties, responsibilities, and authority of Engineer shall be as assigned in EJCDC® C-700, Standard General Conditions of the Construction Contract (2018) or other construction general conditions specified in this Agreement. Except as otherwise provided in the Construction Contract, Owner's communications to Contractor will be issued through Engineer.
    - a. If the responsibilities of Engineer as set forth in the Construction Contract are greater than those Construction Phase services expressly required of Engineer in Exhibit A Paragraph 1.06, as duly modified, then Owner shall either (1) expand the scope of the Construction Phase services to match those of the Construction Contract, and compensate Engineer for any related increases in the cost to provide Construction Phase services, pursuant to the provisions for compensating Additional Services, or (2) identify a qualified individual or entity (other than Engineer) responsible for the additional responsibilities in the Construction Contract.
    - b. If Owner, or Owner and Contractor, modify the duties, responsibilities, and authority of Engineer in the Construction Contract, or modify other terms of the Construction Contract having a direct bearing on Engineer, or if Owner requires Engineer's services for construction that extends longer than the anticipated Construction Contract Times, then Owner shall compensate Engineer for any related increases in the cost to provide Construction Phase services, pursuant to the provisions for compensating Additional Services.
    - c. Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional.

2. Field Office: **[NOT USED]**.
3. Resident Project Representative (RPR): Provide the services of an RPR at the Site to assist Engineer and to provide more extensive observation of Contractor's Work. Duties, responsibilities, and authority of the RPR are as set forth in Exhibit D. The furnishing of such RPR's services will not limit, extend, or modify Engineer's responsibilities or authority except as expressly set forth in Exhibit D.
4. Selection of Independent Testing Laboratory: Assist Owner in the selection of an independent testing laboratory to perform required testing services.
5. Pre-Construction Conference: Participate in a pre-construction conference prior to commencement of Work at the Site; prepare and distribute agenda for the conference and prepare and distribute minutes of such conference.
6. Electronic Transmittal Protocols: If the Construction Contract does not establish protocols for transmittal of Electronic Documents by Electronic Means, then Owner, Engineer, and Contractor shall jointly develop such protocols.
7. Original Documents: If requested by Owner to do so, maintain and safeguard during the Construction Phase at least one original printed record version of the Construction Contract Documents, including Drawings and Specifications signed and sealed by Engineer and other design professionals in accordance with applicable Laws and Regulations. Throughout the Construction Phase, make such original printed record version of the Construction Contract Documents available to Contractor and Owner for review.
8. Schedules: Receive, review, and, and, subject to the criteria of the Construction Contract, determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the progress schedule, schedule of submittals, and schedule of values. Advise Contractor in writing of Engineer's comments or acceptance of schedules.
  - a. Schedules will be acceptable to Engineer as to form and substance:
    - 1) Progress Schedule: if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
    - 2) Contractor's Schedule of Submittals: if it provides a workable arrangement for reviewing and processing the required Submittals.
    - 3) Contractor's Schedule of Values: if it provides a reasonable allocation of the Contract Price to the component parts of the Work.
9. Baselines and Benchmarks: As appropriate, establish baselines and benchmarks for locating the Work which in Engineer's judgment are necessary to enable Contractor to proceed.
10. Permits: Provide Owner with copies of technical information and supporting data previously obtained or developed by Engineer for Owner's use, or for Owner to provide

to Contractor, in obtaining required permits and licenses delegated to Contractor by Owner.

11. Visits to Site and Observation of Construction: In connection with observations of Contractor's Work while it is in progress:
  - a. Make visits to the Site at intervals appropriate to the various stages of the Work, as Engineer deems necessary, to observe as an experienced and qualified design professional, the progress of Contractor's executed Work. Such visits and observations by Engineer, including its RPR, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment, as assisted by its RPR, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work. Engineer will make a report of Engineer's visit, summarizing Engineer's general observations and any significant findings.
  - b. The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to by this Agreement and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design professional, to provide for Owner a greater degree of confidence that the completed Work will conform in general to the Construction Contract Documents and that Contractor has implemented and maintained the integrity of the design concept of the completed Specific Project as a functioning whole as indicated in the Construction Contract Documents. Engineer will not, during such visits or as a result of such observations of the Work, supervise, direct, or have control over the Work, nor will Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.
12. Defective Work: If, on the basis of Engineer's observations or as indicated in documentation available to Engineer, Engineer believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents, Engineer will promptly issue written notice to Contractor (with copy to Owner) of such defective Work. Such notice will communicate the scope, extent (to

Engineer's understanding) of defect, and associated provisions of the Construction Contract Documents.

- a. Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting the defective Work in accordance with the provisions of the Construction Contract Documents. Engineer shall give notice to Contractor regarding whether the defective Work should be repaired, replaced, or will be accepted by Owner.
  - b. However, Engineer's authority to provide this information to Owner or Engineer's decision to exercise or not exercise such authority will not give rise to a duty or responsibility of the Engineer to Contractors, Subcontractors, material and equipment suppliers, their agents or employees, or any other person(s) or entities performing any of the Work, including but not limited to any duty or responsibility for Contractors' or Subcontractors' safety precautions and programs incident to the Work.
13. **Compatibility with Design Concept:** If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Specific Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
  14. **Clarifications and Interpretations:** Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents.
  15. **Non-reviewable Matters:** If a submitted matter in question concerns the Engineer's performance of its duties and obligations, or terms and conditions of the Construction Contract Documents that do not involve (a) the performance or acceptability of the Work under the Construction Contract Documents, (b) the design (as set forth in the Drawings, Specifications, or otherwise), or (c) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer will not provide a decision or interpretation.
  16. **Field Orders:** Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work.
  17. **Change Orders and Work Change Directives:** Recommend Change Orders and Work Change Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as required.
  18. **Change Proposals and Claims**
    - a. Review and respond to Change Proposals. Review each duly submitted Change Proposal from Contractor and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions must be in writing, with a copy

provided to Owner and Contractor. If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer will not resolve the Change Proposal.

- b. Provide information or data to Owner regarding engineering or technical matters pertaining to Claims.
19. Differing Site Conditions: Respond to any notice from Contractor of differing site conditions, including conditions relating to Underground Facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews and prepare findings, conclusions, and recommendations for Owner's use subject to limitations of Engineer's obligations under this Agreement.
  20. Contractor's Submittals: Review and approve or take other appropriate action with respect to required Contractor Submittals, but only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Construction Contract Documents, and for compatibility with the design concept of the completed Specific Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet any Contractor's Submittal schedule that Engineer has accepted.
  21. Substitutes and "Or-equals": Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor, but subject to the provisions of Exhibit A Paragraph 2.01.A.2.
  22. Inspections and Tests
    - a. Receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining whether the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
    - b. Reply to Contractor requests for written concurrence that specific portions of the Work that are to be inspected, tested, or approved may be covered.
    - c. Issue written requests to Contractor that specific portions of the Work remain uncovered.
    - d. As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.
    - e. Pursuant to the terms of the Construction Contract, require additional inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.

23. Contractor's Applications for Payment: Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:
- a. Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set offs) based on the provisions for set offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Owner, based on such observations and review, that, within the limits of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price Work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).
  - b. By recommending payment, Engineer shall not thereby be deemed to have represented that observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to Owner free and clear of any liens, claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.
24. Contractor's Completion Documents: Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data approved as provided under Exhibit A Paragraph 1.06.B.20. Receive from Contractor, review, and transmit to Owner the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment. The extent of Engineer's review of record

documents will be to check that Contractor has submitted a complete set of those documents that Contractor is required to submit.

25. Substantial Completion: Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, visit the Site in company with Owner and Contractor to review the Work and determine the status of completion. Follow the procedures in the Construction Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Owner's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Owner regarding any remaining engineering or technical matters affecting Owner's use or occupancy of the Work following Substantial Completion.
  26. Other Tasks: Perform or provide the following other Construction Phase tasks or deliverables:
    - a. **[None].**
  27. Completion and Acceptability of the Work: After notice from Contractor that the Work is complete:
    - a. visit the Site with Owner and Contractor to determine if the Work is in fact complete and acceptable;
    - b. notify Contractor of any part of the Work that is found during the visit to be incomplete or defective, and subsequently confirm that Contractor has corrected any such deficiencies;
    - c. follow the procedures in the Construction Contract regarding review and response to Contractor's application for final payment and accompanying documentation; and
    - d. if Engineer is satisfied that the Work is complete and acceptable, provide a notice to Owner and Contractor using EJCDC® C-626, Notice of Acceptability of Work (attached as Exhibit E), stating that the Work is acceptable (subject to the provisions of the Notice and this Exhibit A) within the limits of Engineer's knowledge, information, and belief, and based on the extent of the services provided by Engineer under this Agreement.
  28. Standards for Certain Construction-Phase Decisions: Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.
- C. Duration of Construction Phase: The Construction Phase will commence with the execution of the first Construction Contract for the Specific Project or any part thereof and will terminate upon written recommendation by Engineer for final payment to Contractor. If the Specific Project involves more than one prime contract as indicated in Exhibit A Paragraph 1.04.A.1, then Construction Phase services may be rendered at different times in



respect to the separate contracts. Subject to the provisions of Article 3, Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the Construction Contract.

#### 1.07 Post-Construction Phase

- A. Upon written authorization from Owner during the Post-Construction Phase, Engineer shall:
1. Together with Owner, visit the Specific Project to observe any apparent defects in the Work, make recommendations as to replacement or correction of defective Work, if any, or the need to repair of any damage to the Site or adjacent areas, and assist Owner in consultations and discussions with Contractor concerning correction of any such defective Work and any needed repairs.
  2. Together with Owner, visit the Specific Project within one month before the end of the Construction Contract's correction period to ascertain whether any portion of the Work or the repair of any damage to the Site or adjacent areas is defective and therefore subject to correction by Contractor.
  3. Perform or provide the following other Post-Construction Phase tasks or deliverables:
    - a. **[None]**.
- B. The Post-Construction Phase services may commence during the Construction Phase and, if not otherwise modified in this Exhibit A, will terminate 12 months after the commencement of the Construction Contract's correction period.

### ARTICLE 2—ADDITIONAL SERVICES

#### 2.01 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner that Engineer is commencing to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Paragraph 7 of the governing Task Order.
1. Substantive design and other technical services in connection with Work Change Directives, Change Proposals, and Change Orders to reflect changes requested by Owner.
  2. Services essential to the orderly progress of the Bidding/Proposal and Construction Phases and not wholly quantifiable prior to those Phases or otherwise dependent on the actions of prospective individual bidders or contractors and including:
    - a. making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items;
    - b. services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Specific Project;

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Exhibit A—Engineer's Services Under Task Order.

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- c. evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract; and
  - d. providing to the Contractor or Owner additional or new information not previously prepared or developed by the Engineer for their use in applying for or obtaining required permits and licenses, in responding to agency comments on such applications, or in the administration of any such permits or licenses.
3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
4. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
5. Implement coordination of Engineer's services with other parts of the Specific Project that are not planned or designed by Engineer or its Subconsultants, unless Owner furnished to Engineer substantive information about such other parts of the Specific Project prior to the parties' entry into this Agreement, in the Baseline Information section of this Exhibit A, or otherwise in Exhibit A; if such substantive information has been so provided, coordination of Engineer's services will be part of Basic Services.
6. Implement the specific parts of an Underground Facilities Procedure that are assigned to Engineer, or above-ground utilities tasks that are assigned to Engineer as the Specific Project progresses (but not including the design-related services already assigned to Engineer as a Basic Service).
7. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
8. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
9. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
10. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.
11. To the extent the Specific Project is subject to Laws and Regulations governing public or government records disclosure or non-disclosure, Engineer will comply with provisions applicable to Engineer, and Owner will compensate Engineer as Additional Services for Engineer's costs to comply with any disclosure or non-disclosure obligations beyond those identified in the Basic Services.

12. Services directly attributable to changes in Engineer's Electronic Documents obligations after the effective date of the Agreement.

2.02 Additional Services Requiring Owner's Written Authorization

- A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Paragraph 7 of the governing Task Order.
  1. Obtain or provide specified additional Specific Project-related information and data to enable Engineer to complete its Basic and Additional Services.
  2. Preparation of special and customized reporting, invoicing, and related support documentation in addition to that identified to be provided under Basic Services.
  3. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Specific Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Specific Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Specific Project.
  4. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
  5. Services resulting from significant changes in the scope, extent, or character of the portions of the Specific Project designed or specified by Engineer, or the Specific Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
  6. Services resulting from Owner's request to evaluate additional Study and Report Phase alternative solutions beyond those agreed to in Exhibit A Paragraph 1.02.A.1.
  7. Services required as a result of Owner's providing incomplete or incorrect Specific Project information to Engineer.
  8. Providing renderings or models for Owner's use, including development, management, and other services in support of building information modeling or civil integrated management.
  9. Undertaking investigations and studies including, but not limited to:
    - a. All-hazards risk assessments and other studies to evaluate the feasibility of enhancing the resiliency of the design;
    - b. detailed consideration of operations, maintenance, and overhead expenses;

- c. the preparation of feasibility studies (such as those that include projections of output capacity, utility project rates, project market demand, or project revenues) and cash flow analyses, provided that such services are based on the engineering and technical aspects of the Specific Project, and do not include rendering advice regarding municipal financial products or the issuance of municipal securities;
  - d. preparation of appraisals;
  - e. with respect to proprietary systems or processes requiring licensing, providing services necessary to assist Owner in obtaining such licensing.
  - f. detailed quantity surveys of materials, equipment, and labor; and
  - g. audits or inventories required in connection with construction performed or furnished by Owner.
- 10. Furnishing services of Subconsultants or Engineer's Subcontractors for other than Basic Services.
  - 11. Providing data or services of the types described in Article 2, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
  - 12. Providing the following services:
    - a. Services attributable to more prime construction contracts than specified in Exhibit A Paragraph 1.04.A.1.
    - b. Services to arrange for performance of construction services for Owner by contractors other than the principal prime Contractor, and administering Owner's contract for such services.
  - 13. Services during out-of-town travel required of Engineer, other than for visits to the Site or Owner's office as required in Basic Services (Article 1 of Exhibit A).
  - 14. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructability review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
  - 15. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents); preparing pre-qualification procedures and documents, and participating in pre-qualifying prospective Bidders; and preparing Construction Contract Documents for alternate bids.
  - 16. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services.
  - 17. Preparing conformed Construction Contract Documents that incorporate and integrate the content of all addenda and any amendments negotiated by Owner and Contractor.
  - 18. Services to assist Owner in developing or modifying protocols for transmittal of Electronic Documents by Electronic Means after the effective date of this Agreement,

either by revising or adapting Exhibit F to the Specific Project or implementing other Electronic Documents protocols among Specific Project participants.

19. Any services by Engineer in connection with Owner or Engineer providing a Document to a Requesting Party under Exhibit F Paragraph 1.01.D (see Exhibit F, Electronic Documents Protocol), or any other distribution of a Document to a third party. Such services may include but are not limited to preparing the data contained in the requested Document in a manner deemed appropriate by Engineer; creating or otherwise preparing and distributing the Document in a format necessary to respond to Owner's direction or decision to provide the Document to a requesting party, including Contractor, in a format other than that required for deliverables from Engineer to Owner; and services in connection with obtaining required releases from the third parties to which the Documents will be distributed. Compensation for these Additional Services is not contingent upon Owner's reimbursement from the requesting party.
20. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.
21. Preparing Record Drawings, and furnishing such Record Drawings to Owner.
22. Supplementing Record Drawings with information regarding the completed Specific Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
23. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.
24. Preparation of operation, maintenance, and staffing manuals.
25. Protracted or extensive assistance in refining and adjusting of Specific Project equipment and systems (such as initial startup, testing, and balancing).
26. Assistance to Owner in training Owner's staff to operate and maintain Specific Project equipment and systems.
27. Assistance to Owner in developing systems and procedures for (a) control of the operation and maintenance of Specific Project equipment and systems, and (b) related recordkeeping.
28. Preparing to serve or serving as a consultant or witness for, or producing documents for or on behalf of, Owner in any litigation, arbitration, mediation, lien or bond claim, or other legal or administrative proceeding involving the Specific Project (but not including disputes between Owner and Engineer).
29. Overtime work requiring higher than regular rates.
30. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Exhibit A Paragraph 1.06.B.9; any type of property surveys or related engineering services needed for the transfer of interests in real property; providing construction and property surveys to replace reference points or property

monuments lost or destroyed during construction; and providing other special field surveys.

31. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
32. Extensive services required during any correction period, or with respect to monitoring Contractor's compliance with warranties and guarantees called for in the Construction Contract (except as agreed to under Basic Services).
33. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

## EXHIBIT B—TASK ORDER DELIVERABLES SCHEDULE

### Guidance Notes—Preparing Exhibit B for the Specific Project

1. Exhibit B, Task Order Deliverables Schedule, provides a framework for preparing a schedule for Engineer's progress in performing and completing services. It also allows the user to identify related schedule obligations of Owner—for example, the scheduled "turnaround time" for reviewing a specific set of draft documents and providing comments to Engineer. The sample action items in the table in Exhibit B, as published, are based on the scope of engineering services in Exhibit A, as published. EJCDC contemplates that most users will make changes to Exhibit A: corresponding changes should then be made here in Exhibit B.
2. Many users will replace the sample table with a customized progress schedule, perhaps taken from a proposal, or prepared in another format. When this approach is taken, be sure to coordinate the contents of the schedule with Exhibit A, as modified for the Specific Project. Cross-references to specific provisions of the scope document are typically useful in tying the two exhibits together—see Column 3 below.
3. The last three items in the Task Order Deliverables Schedule, as published, are for possible use if Exhibit A requires the delivery of Documents by Engineer in the Bidding/Proposal Phase, Construction Phase, or Post-Construction Phase. If any of these items are used, it may also be appropriate to add a related entry for Owner's review and acceptance of the deliverables, or for other actions.
4. This schedule is focused on the delivery and review of Documents. As part of its services, Engineer will develop and submit an Engineering Services Schedule that will be consistent with the Deliverables Schedule, but will address a broader range of activities. See Exhibit A Paragraph 1.01.A.1.
5. Careful preparation of the Deliverables Schedule, and compliance with the schedule it establishes, will typically have a significant beneficial impact on project success.

Paragraphs 2.04.E, 3.02.A, and Exhibit A of the Main Agreement are supplemented by the following paragraph and table.

Under the governing Task Order the Engineer shall furnish Documents to Owner as required in Column 2 of the following table (and as further described in Exhibit A), according to the schedule in Column 4. Owner shall comment or take other identified actions with respect to the Documents as indicated in Column 2 (and as further described in Exhibit A), according to the schedule in Column 4.

Party	Action	Exhibit A Reference	Schedule
Engineer	Submit <b>[number]</b> review copies of the Report and other Study and Report Phase deliverables to Owner.	1.02.A.17	Within <b>[number]</b> days of the Effective Date.
Owner	Submit comments regarding the Report and other Study and Report Phase deliverables to Engineer.	1.02.A.18	Within <b>[number]</b> days of the receipt from Engineer of the Report and other Study and Report Phase deliverables.
Engineer	Submit <b>[number]</b> copies of the revised Report and other Study and Report Phase deliverables to Owner.	1.02.A.18	Within <b>[number]</b> days of the receipt of Owner's comments regarding the Report and other Study and Report Phase deliverables.

Exhibit B—Task Order Deliverables Schedule.

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<b>Party</b>	<b>Action</b>	<b>Exhibit A Reference</b>	<b>Schedule</b>
Engineer	Submit <b>[number]</b> review copies of the Preliminary Design Report, opinion of probable Construction Cost, and other Preliminary Design Phase deliverables to Owner.	1.03.B.17	Within <b>[number]</b> days of Owner's authorization to proceed with Preliminary Design Phase services.
Owner	Submit comments regarding Preliminary Design Report, opinion of probable Construction Cost, and other Preliminary Design Phase deliverables to Engineer.	1.03.B.18	Within <b>[number]</b> days of the receipt from Engineer of Preliminary Design Report, opinion of probable Construction Cost, and other Preliminary Design Phase deliverables.
Engineer	Submit <b>[number]</b> copies of the revised Preliminary Design Report, opinion of probable Construction Cost, and other Preliminary Design Phase deliverables to Owner.	1.03.B.18	Within <b>[number]</b> days of the receipt of Owner's comments regarding the Preliminary Design Report, opinion of probable Construction Cost, and other Preliminary Design Phase deliverables.
Engineer	Submit <b>[number]</b> copies of the first Final Design Phase draft of Drawings and Specifications to Owner.	1.04.B.1	Within <b>[number]</b> days of Owner's authorization to proceed with Final Design Phase services.
Owner	Submit comments and instructions regarding the first Final Design Phase draft of Drawings and Specifications to Engineer.	1.04.B.1	Within <b>[number]</b> days of the receipt of the first final Design Phase drafts of Drawings and Specifications from Engineer.
Engineer	Submit <b>[number]</b> copies of the second Final Design Phase drafts of Drawings and Specifications to Owner.	1.04.B.2	Within <b>[number]</b> days of the receipt of Owner's comments and instructions regarding the first Final Design Phase drafts of Drawings and Specifications.
Engineer	Submit <b>[number]</b> of copies of draft Bidding/Proposal and Front-End Construction Contract Documents, as required, and any other Final Design Phase deliverables (other than Drawings and Specifications) to Owner.	1.04.D.3; 1.04.F.8	Concurrent with submittal to Owner of the second Final Design Phase drafts of Drawings and Specifications.
Owner	Submit comments and instructions regarding the second Final Design Phase drafts of Drawings and Specifications to Engineer.	1.04.B.2	Within <b>[number]</b> days of the receipt from Engineer of the second Final Design Phase drafts of Drawings and Specifications.
Engineer	Submit <b>[number]</b> copies of the final, completed, pricing-ready and construction-ready Drawings and Specifications to Owner.	1.04.B.3 and 1.04.G.1	Within <b>[number]</b> days of the receipt of Owner's comments and instructions regarding the second Final Design Phase drafts of Drawings and Specifications.
Owner	Submit comments and instructions regarding the final, completed, pricing-ready and construction-ready Drawings and Specifications to Engineer.	1.04.G.2	Within <b>[number]</b> days of the receipt from Engineer of the final, completed, pricing-ready and construction-ready Drawings and Specifications.

**Exhibit B—Task Order Deliverables Schedule.**

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Party	Action	Exhibit A Reference	Schedule
Owner	Submit comments and instructions regarding drafts of Bidding/Proposal and Front-End Construction Contract Documents, and any other Final Design Phase deliverables (other than Drawings and Specifications) to Engineer.	1.04.D.3; 1.04.F.8	Concurrent with Owner’s submittal of comments and instructions regarding the final, completed, pricing-ready and construction-ready Drawings and Specifications.
Engineer	Submit to Owner: <b>[number]</b> copies of the revised final, completed, pricing-ready and construction-ready Drawings and Specifications; and <b>[number]</b> of copies of assembled Bidding/Proposal and Front-End Construction Contract Documents, and any other Final Design Phase deliverables.	1.04.G.2; 1.04.G.3	Within <b>[number]</b> days of receipt of Owner’s final comments and instructions regarding the final, completed, pricing-ready and construction-ready Drawings and Specifications, the Bidding/Proposal and Front-End Construction Contract Documents, and any other Final Design Phase deliverables.
Engineer	Submit <b>[number]</b> copies of Bidding/Proposal Phase deliverables (if any) identified in Exhibit A Paragraph 1.05.A.9.a to Owner.	1.05.A.9.a	Within <b>[number]</b> days of written authorization by Owner to proceed with Bidding/Proposal Phase services.
Engineer	Submit <b>[number]</b> copies of Construction Phase deliverables (if any) identified in Exhibit A Paragraph 1.06.B.26.a to Owner.	1.06.B.26.a	Within <b>[number]</b> days of <b>[applicable benchmark event such as commencement of the Construction Contract Times]</b>
Engineer	Submit <b>[number]</b> copies of Post-Construction Phase deliverables (if any) identified in Exhibit A Paragraph 1.07.A.3.a to Owner.	1.07.A.3.a	Within <b>[number]</b> days of Substantial Completion.

Exhibit B—Task Order Deliverables Schedule.

## EXHIBIT C—RESERVED

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### Guidance Notes—Exhibit C

1. See Exhibit C—Amendment to Main Agreement, in E-505 Part 2 of 4: Exhibits to Main Agreement.

## EXHIBIT D—DUTIES, RESPONSIBILITIES, AND LIMITATIONS OF AUTHORITY OF RESIDENT PROJECT REPRESENTATIVE UNDER TASK ORDER

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### ARTICLE 1—RESIDENT PROJECT REPRESENTATIVE SERVICES

Article 1 of the Main Agreement, Services of Engineer, and Exhibit A, Engineer's Services Under Task Order, are supplemented to include Exhibit D Paragraphs 1.01, 1.02, and 1.03, as follows:

#### 1.01 Resident Project Representative

- A. Engineer shall furnish a Resident Project Representative ("RPR") to observe progress and quality of the Work. RPR is Engineer's representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions.
- B. The RPR will provide **[full-time]** representation.
- C. Subject to the scope of RPR's observations of the Work, which may include field checks of materials and installed equipment, Engineer shall endeavor to identify defects and deficiencies in the Work. However, Engineer shall not, as a result of such RPR observations of the Work, supervise, direct, inspect, or have control over the Work, nor shall Engineer (including the RPR) have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to the Work or any Constructor's work in progress, for the coordination of the Constructors' work or schedules, or for any failure of any Constructor to comply with Laws and Regulations applicable to the performing and furnishing of its work. The Engineer (including RPR) neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents. In addition, the specific terms set forth in Exhibit A Paragraph 1.06 are applicable.

#### 1.02 Duties and Responsibilities of RPR

- A. The duties and responsibilities of the RPR are as follows:
  1. General: RPR's dealings in matters pertaining to the Work in general will be with Contractor. RPR's dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
  2. Schedules: Review the progress schedule, schedule of Shop Drawing and Sample submittals, schedule of values, and other schedules prepared by Contractor and consult with Engineer concerning acceptability of such schedules.
  3. Conferences and Meetings: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings (but not including Contractor's safety meetings), and as appropriate prepare and circulate copies of minutes thereof.

4. Safety Compliance: Comply with Site safety programs, as they apply to RPR, and if required to do so by such safety programs, receive safety training specifically related to RPR's own personal safety while at the Site.
5. Liaison
  - a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the provisions and intent of the Construction Contract Documents.
  - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
  - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
6. Clarifications and Interpretations: Receive from Contractor submittal of any matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. Report to Engineer regarding such RFIs. Report to Engineer when clarifications and interpretations of the Construction Contract Documents are needed, whether as the result of a Contractor RFI or otherwise. Transmit Engineer's clarifications, interpretations, and decisions to Contractor.
7. Shop Drawings, Samples, and other Submittals
  - a. Receive Samples that are furnished at the Site by Contractor.
  - b. Receive Contractor-approved Shop Drawings.
  - c. Receive other Submittals from Contractor.
  - d. Record date of receipt of Samples, Contractor-approved Shop Drawings, and other Submittals.
  - e. Notify Engineer of availability of Samples for examination, and forward Contractor-approved Shop Drawings and other Submittals to Engineer. When appropriate recommend distribution of Submittal to specified Subconsultants.
  - f. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal, if RPR believes that the submittal has not been received from Contractor, or has not been approved by Contractor or Engineer.
8. Proposed Modifications: Consider and evaluate Contractor's suggestions for modifications to the Drawings or Specifications, and report such suggestions, together with RPR's recommendations, if any, to Engineer. Transmit Engineer's response (if any) to such suggestions to Contractor.
9. Review of Work; Defective Work
  - a. Report to Engineer whenever RPR believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents, and provide recommendations as to whether such Work should be corrected,

removed and replaced, or accepted as provided in the Construction Contract Documents.

- b. Inform Engineer of any Work that RPR believes is not defective under the terms and standards set forth in the Construction Contract Documents, but is nonetheless not compatible with the design concept of the completed Project as a functioning whole, and provide recommendations to Engineer for addressing such Work.
- c. Advise Engineer of that part of the Work that RPR believes should be uncovered for observation, or requires special testing, inspection, or approval.

#### 10. Inspections, Tests, and System Start-ups

- a. Consult with Engineer in advance of scheduled inspections, tests, and systems start-ups.
- b. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
- c. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
- d. Observe whether Contractor has arranged for inspections required by Laws and Regulations, including but not limited to those to be performed by public or other agencies having jurisdiction over the Work.
- e. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Work, record the results of these inspections, and report to Engineer.
- f. Nothing in this Agreement will be construed to require RPR to conduct inspections.

#### 11. Records

- a. Maintain at the Site orderly files for correspondence, reports of job conferences, copies of Construction Contract Documents including all Change Proposals, Change Orders, Field Orders, Work Change Directives, Addenda, additional Drawings issued subsequent to the execution of the Construction Contract, RFIs, Engineer's clarifications and interpretations of the Construction Contract Documents, progress reports, approved Shop Drawing and Sample submittals, and other Project-related documents.
- b. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, Subcontractors present at the Site, weather conditions, data relative to questions of Change Proposals, Change Orders, Field Orders, Work Change Directives, or changed conditions, Site visitors, deliveries of equipment or materials, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.
- c. Upon request from Owner to Engineer, photograph or video Work in progress or Site conditions.

- d. Record and maintain accurate, up-to-date lists of the company names and points of contact for Contractors, Subcontractors, and major Suppliers of materials and equipment.
  - e. Maintain records for use in preparing Project documentation.
  - f. Upon completion of the Work, furnish original set of all RPR Project documentation to designated recipients.
12. Reports
- a. Furnish periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
  - b. Draft responses to or make recommends on Change Proposals, Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
  - c. Furnish to Engineer and Owner copies of all inspection, test, and system start-up reports.
  - d. Immediately inform appropriate parties of the occurrence of any Site accidents, emergencies, natural catastrophes endangering the Work, possible force majeure or delay events, damage to property by fire or other causes, or the discovery of any potential differing site condition or Constituent of Concern.
13. Payment Requests: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.
14. Certificates, Operation and Maintenance Manuals: During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.
15. Completion
- a. Participate in Engineer's visits to the Site regarding Substantial Completion, assist in the determination of Substantial Completion, and prior to the issuance of a Certificate of Substantial Completion submit a punch list of observed items requiring completion or correction.
  - b. Participate in Engineer's visit to the Site in the company of Owner and Contractor, to determine completion of the Work, and prepare a final punch list of items to be completed or corrected by Contractor.
  - c. Observe whether all items on the final punch list have been completed or corrected, and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work (Exhibit E).

### 1.03 Limitations of Authority

#### A. Resident Project Representative shall not:

1. Authorize any deviation from the Construction Contract Documents or substitution of materials or equipment (including "or-equal" items).
2. Exceed limitations of Engineer's authority as set forth in this Agreement.
3. Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers, or any Constructor.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of the Work, by Contractor or any other Constructor.
5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

**NOTICE OF ACCEPTABILITY OF WORK (EJCDC® C-626 2018)**

Owner: \_\_\_\_\_ Owner's Project No.: \_\_\_\_\_  
Engineer: \_\_\_\_\_ Engineer's Project No.: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Contractor's Project No.: \_\_\_\_\_  
Project: \_\_\_\_\_  
Contract Name: \_\_\_\_\_  
Notice Date: \_\_\_\_\_ Effective Date of the Construction Contract: \_\_\_\_\_

The Engineer hereby gives notice to the Owner and Contractor that Engineer recommends final payment to Contractor, and that the Work furnished and performed by Contractor under the Construction Contract is acceptable, expressly subject to the provisions of the Construction Contract's Contract Documents ("Contract Documents") and of the Agreement between Owner and Engineer for Professional Services dated **[date of professional services agreement]** ("Owner-Engineer Agreement"). This Notice of Acceptability of Work (Notice) is made expressly subject to the following terms and conditions to which all who receive and rely on said Notice agree:

1. This Notice has been prepared with the skill and care ordinarily used by members of the engineering profession practicing under similar conditions at the same time and in the same locality.
2. This Notice reflects and is an expression of the Engineer's professional opinion.
3. This Notice has been prepared to the best of Engineer's knowledge, information, and belief as of the Notice Date.
4. This Notice is based entirely on and expressly limited by the scope of services Engineer has been employed by Owner to perform or furnish during construction of the Project (including observation of the Contractor's Work) under the Owner-Engineer Agreement, and applies only to facts that are within Engineer's knowledge or could reasonably have been ascertained by Engineer as a result of carrying out the responsibilities specifically assigned to Engineer under such Owner-Engineer Agreement.
5. This Notice is not a guarantee or warranty of Contractor's performance under the Construction Contract, an acceptance of Work that is not in accordance with the Contract Documents, including but not limited to defective Work discovered after final inspection, nor an assumption of responsibility for any failure of Contractor to furnish and perform the Work thereunder in accordance with the Contract Documents, or to otherwise comply with the Contract Documents or the terms of any special guarantees specified therein.
6. This Notice does not relieve Contractor of any surviving obligations under the Construction Contract, and is subject to Owner's reservations of rights with respect to completion and final payment.

Engineer

By (signature): \_\_\_\_\_  
Name (printed): \_\_\_\_\_  
Title: \_\_\_\_\_



## **EXHIBIT F—RESERVED**

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### **Guidance Notes—Exhibit F**

1. See Exhibit F—Electronic Documents Protocol (EDP), in E-505 Part 2 of 4: Exhibits to Main Agreement.

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Exhibit F—Reserved.

Exhibits to Task Order. EJCDC® E-505, Agreement between Owner and Engineer for Professional Services.  
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## **EXHIBIT G—RESERVED**

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### **Guidance Notes—Exhibit G**

1. See Exhibit G—Insurance, in E-505 Part 2 of 4: Exhibits to Main Agreement.

## **EXHIBIT H—RESERVED**

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### **Guidance Notes—Exhibit H**

1. See Exhibit H—Dispute Resolution, in E-505 Part 2 of 4: Exhibits to Main Agreement.

## **EXHIBIT I—RESERVED**

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### **Guidance Notes—Exhibit I**

1. See Exhibit I—Limitations of Liability, in E-505 Part 2 of 4: Exhibits to Main Agreement.