



Kinney Construction Services

CITY OF FLAGSTAFF COURT FACILITY

PROJECT NUMBER: 03-18007

CONTRACT NO.: 2018-63

DESIGN-BUILD SERVICES AGREEMENT

Mayor

Coral Evans

Council

*Jamie Whelan
Scott Overton
Jim McCarthy*

*Celia Barotz
Charlie Odegaard
Eva Putzova*

Interim City Manager

Barbara Goodrich

Water Services Director

Brad Hill

Community Development Director

Mark G. Landsiedel

Public Works Director

Andy Bertelsen

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**City of Flagstaff, Arizona
Purchasing Division**

CITY OF FLAGSTAFF COURT FACILITY PROJECT

**DESIGN-BUILD SERVICES AGREEMENT
PROJECT NO. 03-18007**

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THIS AGREEMENT, made and entered by and between the CITY OF FLAGSTAFF, an Arizona municipal corporation, hereinafter designated the "CITY" and KINNEY CONSTRUCTION SERVICES, INC., an Arizona corporation, hereinafter designated the "DESIGN-BUILDER."

RECITALS

- A. The City Manager of the City of Flagstaff, Arizona, is authorized and empowered by Article VIII, Section 2 of the City Charter to execute contracts for professional services and construction services.
- B. The City intends to construct the **City of Flagstaff Court Facility** as more fully described in Exhibit A attached hereto, hereinafter referred to as the "Project".
- C. The Design-Builder has represented to the City its ability to design and construct the Project, and based on this representation the City has engaged [Contractor's Name], to design and construct the Project.

AGREEMENT

NOW THEREFORE, for and in consideration of the mutual covenants and considerations hereinafter contained, it is agreed by and between the City and the Design-Builder as follows:

ARTICLE 1 - DEFINITIONS

"Addenda" written or graphic instruments issued prior to the submittal of the GMP proposal(s), which clarify, correct or change the GMP proposal(s) requirements.

"Agreement" or "Contract" means this written document signed by the City and Design-Builder covering the design and construction of the Project, and including other documents itemized and referenced in or attached to and made part of this Contract. This term shall also include the RSOQ, all Attachments and Exhibits, and all Appendices.

"Change Order" (Amendment) means a written instrument issued after execution of this Agreement signed by City and Design-Builder, stating their agreement upon all of the following: the scope of the change in the Work; the amount of the adjustment to the Contract Price; the extent of the adjustment to the Contract Time(s) or modifications of other contract terms.

"City" (Owner) means the City of Flagstaff, a municipal corporation, with whom Design-Builder has entered into this Contract and for whom the services are to be provided pursuant to said Contract. Regulatory activities handled by the City of Flagstaff Community Development Department, Utilities Department or any other City Department are not subject to the responsibilities of the City under this Agreement.

"City's Representative" means the person designated in section 8.4.1.2.

"City's Senior Representative" means the person designated in section 8.4.1.1.

"Commissioning" means the process prescribed in section 2.21 for achieving, validating and documenting the performance of the total Project and its systems to meet the design needs and requirements of the City.

"Construction Documents" means the plans, specifications and drawings prepared by the Design-Build team and include documents as prescribed by section 2.8.

"Construction Drawings" means the detailed drawings, corrected for permit requirements, approved as part of the Construction Documents.

"Construction Fee" means the Design-Builder's administrative costs, home office overhead, and profit.

"Contract Documents" means the following items and documents in descending order of precedence executed by the City and the Design-Builder: (i) all written modifications, amendments and Change Orders (ii) this Agreement, including all exhibits and attachments; (iii) Construction Documents; (iv) Design-Builder's GMP proposal, and (v) Design-Builder's Statement of Qualifications.

"Contract Price" means the amount or amounts set forth in Article 5, subject to adjustment in accordance with this Agreement.

"Contract Time" means the period of time, as set forth in Article 4, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

"Cost of the Work" means the direct costs necessarily incurred by the Design-Builder in the proper performance of the Work. The Cost of the Work shall include direct labor costs, subcontract costs, costs of materials and equipment incorporated in the completed construction, costs of other materials and equipment, temporary facilities, permit and license fees (if not paid for by City), materials testing, and related items. The Cost of the Work shall not include the Design-Builder's Construction Fee, General Conditions Costs, or taxes.

"Critical Path" means the sequence of activities from the start of the Work to the Substantial Completion of the Project. Any delay in the completion of these activities will extend the Substantial Completion date.

"Day(s)" means calendar days unless otherwise specifically noted in the Contract Documents.

"Deliverables" means the work products prepared by the Design-Builder in performing the scope of work described in this Contract. Some of the major Deliverables to be prepared and provided by the Design-Builder during the design phase may include but are not limited to: Construction Management Plan, Project Schedule, Schedule of Values, alternative system evaluations, procurement strategies and plans, cost estimates, construction market surveys, cash flow projections, GMP proposals, Subcontractor procurement plan, Statement of Proposed MBE/WBE Utilization as may be required or appropriate, Subcontractor agreements, Subcontractor bid packages, Supplier agreements, and others as indicated in this Contract or required by the Project Team.

"Design Services" means all professional services to be performed or procured by the Design-Builder to provide required Project design under this Agreement and any subsequent amendments.

"Design-Builder" means the firm, corporation, or other approved legal entity with whom the City has entered into this Contract to provide services as detailed in this Contract.

"Design-Builder's Contingency" means a fund to cover cost growth during the Project used at the discretion of the Design-Builder, usually for costs that result from Project circumstances. The amount of the Design-Builder's Contingency will be negotiated as a separate line item in each GMP package. Use and management of the Design-Builder's Contingency is described in sections 5.3.3.4 and 5.3.3.6.

"Design-Builder's Senior Representative" means the person designated in section 8.4.2.1.

"Design-Builder's Representative" means the person designated in section 8.4.2.2.

"Differing Site Conditions" means concealed or latent physical conditions or subsurface conditions at the Site that, (i) materially differ or are not reasonably inferable from the conditions indicated in the Contract Documents or (ii) are of an unusual nature, differing materially from the conditions ordinarily encountered and generally recognized as inherent in the Work.

"Final Completion" means the completion of the Project as prescribed in section 4.4.

"Float" means the number of Days by which an activity can be delayed without lengthening the Critical Path and extending the Substantial Completion date.

"General Conditions Costs" includes, but is not limited to the following types of costs for the Design-Builder during the construction phase: (i) payroll costs for project manager or construction manager for work conducted at the Site; (ii) payroll costs for the superintendent and full-time general foremen; (iii) payroll costs for other management personnel resident and working at the Site; (iv) workers not included as direct labor costs engaged in support (e.g. loading/unloading, clean-up, etc.); (v) administrative office personnel; (vi) costs of offices and temporary facilities set up solely for this Project including office materials, office supplies, office equipment, and minor expenses; (vii) utilities, fuel, sanitary facilities and telephone services at the Site; (viii) costs of liability and other applicable insurance premiums not included in labor burdens for direct labor costs; (ix) costs of bond premiums; and (x) cost of consultants not in the direct employ of the Design-Builder or Subcontractors.

"Guaranteed Maximum Price" or "GMP" means the sum of the cost for design, permitting and maximum cost of the construction including the Design-Builder's Construction Fee, General Conditions Costs; sales tax, and Design-Builder's Contingency.

"GMP Plans and Specifications" means the plans and specifications upon which the Guaranteed Maximum Price proposal is based.

"Legal Requirements" means all applicable federal, state and local laws, codes, ordinances, rules, regulations, orders and decrees of any government or quasi-government entity having jurisdiction over the Project or Site, the practices involved in the Project, Site or Work.

"Notice to Proceed" or "NTP" means the directive issued by the City authorizing the Design-Builder to start Work.

"Owner's Contingency" means a fund to cover cost growth during the Project used at the discretion of the City usually for costs that result from City's directed changes or Differing Site Conditions, or as the City may otherwise elect. The amount of the Owner's Contingency will be set solely by the City and will be in addition to the Project costs included in the Design-Builder's GMP packages. Use and management of the Owner's Contingency is described in section 5.3.4.

"Payment Request" means the City form used by the Design-Builder to request payment for Work in accordance with Article 7.

"Performance Period" means the period of time allotted in the Contract Documents to complete the construction comprised within a GMP. The Performance Period shall be stated with each GMP and shown on the Project Schedule.

"Product Data" means illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Design-Builder to illustrate materials or equipment for some portion of the construction.

“Project” means the Work to be completed in the execution of this Agreement and as amended and as described in the Recital above and in Exhibit A.

“Project Schedule” means a schedule as prescribed in section 2.4.

“Record Documents” means the documents created pursuant to section 2.19.

“Recovery Schedule” means a schedule created pursuant to section 2.4 generally, and section 2.4.5.9 specifically, which clearly and realistically identifies adjustments proposed to bring the Project back to the initial project Substantial Completion date.

“Samples” means physical examples which illustrate materials, equipment or workmanship and establish standards by which the construction will be judged.

“Scheduled Substantial Completion Date” means the date on which the Work, or an agreed upon portion of the Work, is anticipated to be sufficiently complete so that City can occupy and use the Project or a portion thereof for its intended purposes.

“Schedule of Values (SOV)”, means the Document specified in the construction phase, which divides the Contract Price into pay items, such that the sum of all pay items equals the Contract Price for the construction phase Work, or for any portion of the Work having a separate specified Contract Price. The SOV may or may not be output from the Project Schedule depending on if the Project Schedule is cost-loaded or not.

“Shop Drawings” means drawings, diagrams, schedules and other data specially prepared for the construction by the Design-Builder or a Subcontractor, Sub-subcontractor, manufacturer, Supplier or distributor to illustrate some portion of the construction.

“Site” means the land or premises on which the Project is located.

“Subcontractor” or “Subconsultant” means an individual or firm having a direct contract with the Design-Builder or any other individual or firm having a contract with the aforesaid contractors at any tier, who undertakes to perform a part of the Work for which the Design-Builder is responsible.

“Substantial Completion” means the established date when the Work or designated portion thereof is sufficiently complete, in accordance with the Contract Documents so that the City may occupy the Work, or designated portion thereof, for the use for which it is intended. This may include, but is not limited to: (i) Approval by the City or State Fire Marshall and/or other state or local authorities having jurisdiction over the Work or a portion thereof (Certificate of Occupancy); (ii) all systems in place, functional, and displayed to, and accepted by, the City or it’s representative; (iii) City operation and maintenance training complete; (iv) HVAC test and balance completed with reports provided to the Design Professional for review; (v) Operational and Maintenance manuals and final Project Record Documents delivered to the City or Design Professional for review, (vi) landscaping and site work complete; and (vii) final cleaning complete.

“Supplier” means a manufacturer, fabricator, supplier, distributor, material manager or vendor having a direct contract with Design-Builder or any Subcontractor to furnish materials or equipment to be incorporated in the construction phase Work by Design-Builder or any Subcontractor.

“Work” means all design, construction, and Commissioning services, including procuring and furnishing materials, equipment, services, and labor reasonably inferable from the Contract Documents

ARTICLE 2 – DESIGN-BUILDER’S SERVICES AND RESPONSIBILITIES

2.0 The following sections prescribe the services and responsibilities required for the proper execution and completion of the Work by the Design-Builder. They are not organized in any specific order and may pertain to all phases of the Work.

2.1 General Services

- 2.1.1** Design-Builder shall, through personnel employed by Design-Builder, or procured from qualified Subconsultants or Subcontractors, perform all Work, and provide all material, equipment, tools and labor necessary to complete the Work described in and reasonably inferable from this Agreement.
- 2.1.1.1** This Agreement shall be executed and signed by City and Design-Builder, stating their agreement to proceed with design in accordance with all codes, standards and requirements as adopted by ordinance or as may be referenced in Exhibit B – Scope of Services.
- 2.1.1.2** An amendment to this Agreement may be executed and signed by City and Design-Builder, stating their agreement to a GMP, or multiple GMP's, and to proceed with the completion of the design and construction of the Project.
- 2.1.2** The City hereby acknowledges its acceptance of the key personnel of the design-build team as submitted by the Design-Builder in its statement of qualifications or as amended subsequently during the selection process. At any time hereafter that the Design-Builder desires to reassign or change key personnel while performing under this Agreement, the Design-Builder shall submit a request to reassign or change key personnel and the qualifications of the proposed new key personnel to the City for prior approval.
- 2.1.3** The Design-Builder will maintain an adequate and competent staff of qualified persons, as may be determined by the City, throughout the performance of this Agreement. If the City objects, with reasonable cause, to any of the Design-Builder's design professionals, the Design-Builder shall take prompt corrective action acceptable to the City and, if required, remove such persons from the Project and replace with new design professionals agreed to by the City.
- 2.1.4** Design-Builder's Representative shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Work. Design-Builder's Representative shall communicate regularly with City and shall be vested with the authority to act on behalf of Design-Builder. Design-Builder's Representative may be replaced as described in section 2.1.2.
- 2.1.5** The parties will meet within seven (7) Days after execution of this Agreement to discuss issues affecting the administration of the Work, the Project Schedule, and to implement the necessary procedures, including those relating to submittals and payment, to facilitate the ability of the parties to perform their obligations under this Agreement. The Notice to Proceed (NTP) date prescribed in section 4.1 will be established.

2.2 Professional Services.

- 2.2.1** Design-Builder shall, consistent with applicable state licensing laws, provide qualified, licensed design professionals employed by Design-Builder, or procured from qualified, independent licensed design consultants, the necessary Design Services, including architectural, engineering and other design professional services, for the preparation of the required drawings, specifications and other design submittals to permit Design-Builder to complete the Work consistent with the Contract Documents. The Design-Builder's design professionals shall seal with an Arizona registered professional seal all plans, works, and Deliverables prepared by them for this Agreement as required by state law.
- 2.2.2** The Design-Builder understands and agrees that the City's Senior City Representative or City Representative, shall be the sole contacts for administering this Agreement. The Design-Builder is not precluded from discussing the Project, or its requirements with the tenants or other entities which will ultimately use the facility, but all specific directions to or requests of the Design-Builder must be authorized by the Senior City Representative or the City Representative.

2.3 Standard of Care for Design Professional Services and Corrections

2.3.1 The standard of care for all design professional services performed to execute the Work shall be the care and skill ordinarily used by members of the design profession practicing under similar conditions at the same time and locality of the Project. Notwithstanding the preceding sentence, if the parties agree upon specific performance standards for any aspect of the services, which standards are to be set forth in an exhibit to this Agreement entitled "Performance Standard Requirements," the design professional services shall be performed to achieve such standards.

2.3.2 The Design-Builder shall be responsible for the completeness and accuracy of the plans, specifications, supporting data, and other work prepared or compiled under its obligation for this Project and shall correct, at its expense, all errors, omissions and negligent acts therein which may be discovered. Correction of errors, omissions and negligent acts discovered on architectural or engineering plans and specifications shall be the responsibility of the Design-Builder. The cost of the design necessary to correct those errors attributable to the Design-Builder shall not be reimbursable costs to the Design-Builder. Any damage incurred by the City as a result of additional construction cost caused by such errors, omissions or negligent acts shall not be reimbursed to the Design-Builder to the extent that such errors, omissions and negligent acts fall below the standard of care and skill that a registered professional in Arizona would exercise under similar conditions. The fact that the City has accepted or approved the Design-Builder's product shall in no way relieve the Design-Builder of any of its responsibilities.

2.4 Project Schedule

2.4.1 The Project Schedule shall be established within seven (7) Days of the NTP and, updated and maintained throughout the Work. An updated Project Schedule shall be part of any GMP amendment.

2.4.2 The Project Schedule shall be revised as required by conditions and progress of the Work, but such revisions shall not relieve Design-Builder of its obligations to complete the Work within the Contract Time(s), as such dates may be adjusted in accordance with the Contract Documents.

2.4.3 An updated Project Schedule shall be submitted monthly to the City five (5) working Days prior to the Design-Builder's monthly Payment Request as prescribed in Article 7 of this Agreement.

2.4.3.1 Design-Builder shall provide City with a monthly status report with each Project Schedule detailing the progress of the Work, including whether (i) the Work is proceeding according to schedule, (ii) discrepancies, conflicts, or ambiguities exist in the Contract Documents that require resolution, and (iii) other items require resolution so as not to jeopardize Design-Builder's ability to complete the Work for the Contract Price(s) and within the Contract Time(s).

2.4.3.2 With each Project Schedule submitted, the Design-Builder shall include a transmittal letter including the following.

- Description of problem tasks (referenced to field instructions, requests for information (RFIs), change order or claim numbers) as appropriate.
- Current and anticipated delays not resolved by approved change order, including:
 - Cause of the delay
 - Corrective action and schedule adjustments to correct the delay
 - Known or potential impact of the delay on other activities, milestones, and the date of Substantial Completion
 - Changes in construction sequence
- Pending items and status thereof including but not limited to:
 - Pending change orders
 - Time extension requests
 - Other items
- Substantial Completion date status:
 - If ahead of schedule, the number of Days ahead
 - If behind schedule, the number of Days behind
- Other Project or scheduling concerns

- 2.4.1** City's review of and response to the Project Schedule is only for general conformance with the scheduling requirements of the Contract Documents. The review shall not relieve the Design-Builder from compliance with the requirements of the Contract Documents or be construed as relieving the Design-Builder of its complete and exclusive control over the means, methods, sequences and techniques for executing the Work.
- 2.4.1.1** Upon the City's request, the Design-Builder shall participate in the review of the Design-Builder's Project Schedule submissions. The City may request the participation of Subconsultants and/or Subcontractors in these reviews, as determined necessary by the City.
- 2.4.5** The Project Schedule shall include a Critical Path Method (CPM) diagram schedule that shall show the sequence of activities, the interdependence of each activity and indicate the path of critical activities.
- 2.4.5.1** The CPM diagram schedule shall be in Days and indicate duration, earliest and latest start and finish dates, and total Float times for all activities except critical activities. The CMP diagram shall be presented in a time scaled graphical format for the Project as a whole.
- 2.4.5.2** The CPM diagram schedule shall indicate all relationships between activities.
- 2.4.5.3** The activities making up the schedule shall be of sufficient detail to assure that adequate planning has been done for proper execution of the Work and such that it provides an appropriate basis for monitoring and evaluating the progress of the Work.
- 2.4.5.4** The CPM diagram construction schedule shall be based upon activities, which would coincide with the Schedule of Values.
- 2.4.5.5** The CPM diagram schedule shall show all submittals associated with each work activity and the review time for each submittal.
- 2.4.5.6** The schedule shall show milestones, including milestones for City-furnished information, and shall include activities for City-furnished equipment and furniture when those activities are interrelated with the Design-Builder's activities.
- 2.4.5.7** The schedule shall include a Critical Path activity that reflects anticipated weather delay during the performance of the Contract. The duration shall reflect the average climatic range and usual industrial conditions prevailing in the locality of the Site. Weather data shall be based on the information set forth on the City of Flagstaff's Table of "Monthly Anticipated Adverse Weather Calendar Days" and the explanatory paragraphs attached thereto.
- 2.4.5.8** The Project Schedule shall consider the City's occupancy requirements showing portions of the Project having occupancy priority, and Contract Time.
- 2.4.5.9** In the event of significant delays, lags or changes in the planned sequence of activities, as determined by Owner, Contractor shall provide to Owner a Recovery Schedule indicating proposed rescheduling of activities to achieve completion of the Project by the Scheduled Substantial Completion Date.
- 2.4.6** Float time shall be as prescribed below:
 - 2.4.6.1** The total Float within the overall schedule, is not for the exclusive use of either the City or the Design-Builder, but is jointly owned by both and is a resource available to and shared by both parties as needed to meet contract milestones and the Project completion date.
 - 2.4.6.2** The Design-Builder shall not sequester shared Float through such strategies as extending activity duration estimates to consume available Float, using preferential logic, or using extensive crew/resource sequencing, etc. Since Float time within the schedule is jointly owned, no time

extensions will be granted nor delay damages paid until a delay occurs which extends the Work beyond the Substantial Completion date, and then only if such extensions or damages are shown to be justified under the Contract Documents.

2.4.6.3 Since Float time within the construction schedule is jointly owned, it is acknowledged that City-caused delays on the Project may be offset by City-caused time savings (i.e., Critical Path submittals returned in less time than allowed by the Contract, approval of substitution requests and credit changes which result in a savings of time to the Design-Builder, etc.). In such an event, the Design-Builder shall not be entitled to receive a time extension or delay damages until all City-caused time savings are exceeded, and the Substantial Completion date is also exceeded.

2.5 Cost Estimates

2.5.1 The Project budget available for the Work will be communicated to the Design-Builder through separate correspondence. The Design-Builder is responsible for the delivery of the Project covered by the Contract Documents within the Project budget.

2.5.2 With each Project Schedule submittal pursuant section 2.4.3, the Design-Builder shall provide a detailed cost estimate and a written review of the documents.

2.5.2.1 If any estimate submitted to the City exceeds previously accepted estimates or the City's Project budget, the Design-Builder shall make at its sole expense appropriate recommendations on methods and materials to the City that it believes will bring the Project back into the Project budget.

2.5.2.2 In between these milestone estimates, the Design-Builder shall periodically provide a tracking report which identifies the upward or downward movements of costs due to value engineering or scope changes. It shall be the responsibility of the Design-Builder to keep the City informed as to the major trend changes in costs relative to the City's budget.

2.5.3 If requested by the City, the Design-Builder shall prepare a preliminary "cash flow" projection based upon historical records of similar type projects to assist the City in the financing process.

2.6 Not Used

2.7 Construction Management Plan

2.7.1 The Design-Builder will prepare a Construction Management Plan (CMP).

2.7.2 The CMP shall include:

- Project milestone dates and the Project Schedule, including the broad sequencing of the design and construction of the Project,
- Investigations, if any, to be undertaken to ascertain subsurface conditions and physical conditions of existing surface and subsurface facilities and underground utilities,
- Alternate strategies for fast-tracking and/or phasing the construction,
- Goal compliance strategy,
- The number of separate sub-agreements to be awarded to Subcontractors and Suppliers for the Project construction,
- Permitting strategy,
- Safety and training programs,
- Construction quality control,
- Commissioning program,
- Cost estimate and basis of the model, and
- Matrix summarizing each Project Team member's responsibilities and roles.

2.7.3 The Design-Builder shall add detail to its previous version of the CMP to keep it current throughout

the design phase, so that the CMP is ready for implementation at the start of construction.

2.8 Design Services

- 2.8.1** Design-Builder shall provide all interim design submissions and Deliverables as prescribed in the Performance Standards Requirements provided by the City, and as shown on the Project Schedule.
- 2.8.1.1** Within seven (7) Days after a scheduled submission, the Design-Builder and City shall meet and confer about the submissions, with Design-Builder identifying during such meetings, among other things, the evolution of the design and any significant changes or deviations from the Contract Documents, or previously submitted design submissions.
- 2.8.1.2** The Design-Builder, with each required submittal, shall submit and distribute ten, or as otherwise identified in the Performance Standards Requirements, hard copy sets of plans and specifications.
- 2.8.1.3** Minutes of the meetings will be maintained by Design-Builder and provided within five Days following the design review meeting to all attendees for review.
- 2.8.1.4** City shall review and approve the interim design submissions in a time that is consistent with the turnaround times set forth in Design-Builder's Owner approved Project Schedule.
- 2.8.1.5** Design-Builder shall not cause the design to proceed until City approves the interim design submissions as prescribed in this section. If the Design-Builder allows the design to proceed without City approval, the cost of any resultant redesign is not a reimbursable cost.
- 2.8.1.6** City's review and approval of interim design submissions and the Construction Documents is for the purpose of mutually establishing a conformed set of Construction Documents compatible with the requirements of the Project. Neither City's review nor approval of any interim design submissions and Construction Documents shall be deemed to transfer any design liability to the City.
- 2.8.2** The Project design must meet all applicable (i) Maricopa Association of Governments (MAG) Uniform Standard Technical Specifications and Uniform Standard Details and Drawings, latest revision; (ii) the City of Flagstaff Supplements and Amendments to the latest revision of the MAG Uniform Standard Technical Specifications and Uniform Details and Drawings; (iii) the City of Flagstaff Engineering Design and Construction Standards and Specifications, latest edition, (iv) all City building standards; and (v) shall include any general provisions provided by the City.
- 2.8.3** The Project design criteria and specifications shall be in accordance with all codes, standards and requirements as adopted by ordinance or as may be referenced in Exhibit C – Performance Standards Requirements. Variances from the standards and guidelines must be identified in writing by the Design-Builder and approved by the City. The Design Builder shall identify conflicts between the design standards and guidelines and the requirements in section 2.8.2 above or Legal Requirements and shall obtain concurrence with resolution of the conflict. The design standards and guidelines or approval of variances or resolution of conflicts shall not be deemed to transfer any design liability to the City.
- 2.8.4** The Design-Builder shall not specify any construction materials known to be hazardous or potentially hazardous, including asbestos, lead or any derivative thereof unless specifically approved in writing by the City.
- 2.8.5** The Design-Builder shall coordinate with private, public and City utilities (i.e., Information Technology Department, Water Services Department) regarding standard utility issues and incorporate pertinent information in the plans.
- 2.8.6** The Design-Builder shall be responsible for scheduling, submitting to, obtaining approval and retrieving all required Construction Documents from the various required reviewing agencies.

- 2.8.7 Until such time as a GMP amendment has been executed, Design-Builder when requested by the City, will attend, make presentations, and participate as may be appropriate in public agency and/or community meetings relative to the Project. Design-Builder will provide drawings, schedule diagrams, budget charts and other materials describing the Project, when their use is required or appropriate in any such meetings.
- 2.8.8 Design-Builder shall submit to the City, Construction Documents setting forth in detail drawings and specifications describing the requirements for construction.
- 2.8.8.1 The Construction Documents shall be consistent with the latest set of interim design submissions, as such submissions may have been modified in a design review meeting.
- 2.8.8.2 The Design-Builder shall provide the drawings in AutoCAD format compatible with City of Flagstaff Community Development Department CADD technology using City layering standards.
- 2.8.8.3 The drawing format will be a 24" x 36" sheet size unless otherwise authorized in writing by the City.
- 2.8.8.4 The parties shall have a design review meeting to discuss, and City shall review and approve, the Construction Documents in accordance with the procedures set forth this section.
- 2.8.8.5 Prior to commencement of construction, Design-Builder shall submit to the City the following.
- One set of approved Construction Drawings in AutoCAD format on electronic media (CD-ROM);
 - Five print sets of approved Construction Drawings and five half-size sets; and
 - Five sets of specifications.
- 2.8.9 To the extent not prohibited by Legal Requirements, Design-Builder may arrange for interim design submissions and Construction Documents for a portion of the construction to permit construction to proceed on that portion prior to completion of the Construction Documents for the entire construction.
- 2.9 **Not Used**
- 2.10 **Government Approvals and Permits**
- 2.10.1 Design-Builder shall obtain all necessary permits, approvals, and licenses required for the prosecution of the Work by any government or quasi-government entity having jurisdiction over the Project. **The Design-Builder is specifically reminded of the need to obtain the necessary environmental permits and/or file the necessary environmental notices.**
- 2.10.2 Copies of these permits and notices must be provided to the City's Representative prior to starting the permitted activity. In the case of Fire Department permits, a copy of the application for permit shall also be provided to the City's Representative. This provision does not constitute an assumption by the City of any obligation of any kind for violation of said permit or notice requirements.
- 2.10.3 City shall be responsible for City of Flagstaff review and permit(s) fees for building and demolition permits. City will also pay review fees for grading and drainage, water, sewer, and landscaping. City shall also pay for utility fees for permanent services.
- 2.10.4 Design-Builder shall be responsible for all other permits and review fees not specifically listed in section 2.10.3 above.
- 2.10.5 Design-Builder is responsible for the cost of water meter(s), water and sewer taps and fire lines and taps, and all utility fees including incremental billings until Substantial Completion. Arrangements for construction water and associated fees are the Design-Builder's responsibility.

2.11 Subcontractor Selection

2.11.1 Subcontractors shall be selected by a combination of qualifications and price derived through competitive bidding.

2.11.1.1 Design-Builder shall employ only Subcontractors who are duly licensed in Arizona and qualified to perform the Work per the requirements of the Contract Documents.

2.11.2 The Design-Builder will develop Subcontractor interest, submit the names of a minimum of three qualified Subcontractors selected pursuant to a qualifications based procedure, for each trade in the Project for approval by the City and solicit bids for the various construction categories. If there are not three qualified Subcontractors available for a specific trade or there are extenuating circumstances warranting such, the Design-Builder may request approval by the City to submit less than three names. Without prior approval by the City, no change in the City-approved Subcontractors will be allowed.

2.11.2.1 If the Design-Builder desires to self-perform certain portions of the construction, it will request to be one of the approved Subcontractor bidders for those specific bid packages. The Design-Builder's bid will be evaluated in accordance with the process identified below. If after selection of a Subcontractor, events warrant and the City concurs, the Design-Builder may self perform construction without bidding or re-bidding.

2.11.2.2 If the City objects to any nominated Subcontractor or to any nominated self-performed construction for good reason, the Design-Builder will nominate a substitute Subcontractor.

2.11.2.3 The Design-Builder will distribute drawings and specifications, and when appropriate, conduct a prebid conference with prospective Subcontractors.

2.11.2.4 The Design-Builder shall receive, open, record and evaluate the bids. The apparent low bidders will be interviewed to determine the responsiveness of their proposals. In evaluating the responsiveness of bid proposals the Design-Builder, in addition to bid price, shall consider the following factors: past performance on similar projects, qualifications and experience of personnel assigned, quality management plan, approach or understanding of the Work to be performed, and performance schedule to complete the Work. The final evaluation of Subcontractor bids will be done with the City Representative in attendance to observe and witness the process. The Design-Builder will resolve any Subcontractor bid withdrawal, protest or disqualification in connection with the award at no increase in the cost of the construction.

2.11.3 Upon completion of the Subcontractor selection process, the Design-Builder shall submit a summary report to the City of the entire Subcontractor selection process. The report will indicate, by bid process, all Subcontractors contacted to determine interest, the Subcontractors solicited, the bids received and costs negotiated, and the selected Subcontractors for each category of Work.

2.11.4 The selected Subcontractors will provide a Schedule of Values, which will be used to create the overall Project Schedule of Values.

2.12 General Construction Services

2.12.1 Unless otherwise provided in the Contract Documents to be the responsibility of City or a separate contractor, Design-Builder shall provide through itself or Subcontractors the necessary supervision, labor, taxes, inspection, testing, start-up, material, equipment, machinery, arrangements for temporary utilities and other temporary facilities to permit Design-Builder to complete construction of the Project consistent with the Contract Documents.

2.12.2 The Design-Builder shall completely and totally construct the Project and install the material therein for the City, in a good and workmanlike and substantial manner. The Work shall be to the satisfaction of the City and strictly pursuant to and in conformity with the Contract Documents as amended.

2.12.3 Design-Builder shall perform all construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of construction.

2.13 Pre-construction Conference

2.13.1 After approval of Construction Documents and prior to the commencement of any construction, the City's Representative will schedule a pre-construction conference.

2.13.2 The purpose of this conference is to establish a working relationship between the Design-Builder, utility firms, and various City agencies. The agenda will include critical elements of the construction schedule, submittal schedule, cost breakdown of major lump sum items, the level of Record Project Documents required, Payment Requests and processing, coordination with the involved utility firms, and emergency telephone numbers for all representatives involved in the course of construction.

2.13.3 The construction start date will be concurred with. After the meeting a Notice to Proceed letter will be issued confirming the construction start date, duration of the construction and if applicable the Substantial Completion date. If a Substantial Completion date is established the conditions of the Substantial Completion will be listed.

2.13.4 The Design-Builder shall provide a Schedule of Values based on the categories used in the buy out of the construction, but not greater than the approved GMP, and identifying the construction contingency. The Schedule of Values will subdivide the construction into all items comprising the construction.

2.13.5 Minimum attendance by the Design-Builder shall be the Design-Builder's Representative who is authorized to execute and sign documents on behalf of the firm, the Design-Builder's Design and Contractor Representatives, the job superintendent, and the Design-Builder's safety officer.

2.14 Supervision of Construction

2.14.1 Design-Builder or the Design-Builder's Representative shall at all times be present at the Site when construction activities are taking place.

2.14.1.1 All elements of the construction, such as concrete work, pipe work, etc., shall be under the direct supervision of a foreman or his designated representative on the Site, who shall have the authority to take actions required to properly carry out that particular element of the construction.

2.14.1.2 In the event of noncompliance of this section 2.14, the City may require the Design-Builder to stop or suspend the construction in whole or in part. Such suspension, due to the Design-Builder's noncompliance shall not be considered a basis for an increase in the Contract Price or extension of Contract Time.

2.14.2 Where the Contract Documents require that a particular product be installed and/or applied by an applicator approved by the manufacturer, it is the Design-Builder's responsibility to ensure the Subcontractor employed for such Work is approved.

2.14.3 During construction the City may reasonably object to any Subcontractor and the Subcontractor shall be removed from the construction, provided that the Contract Price and/or Contract Time(s) may be adjusted to the extent that City's decision impacts Design-Builder's cost and/or time of performance.

2.14.4 Any person employed by the Design-Builder or any Subcontractor who, in the opinion of the City, does not perform his work in a proper, skillful and safe manner or is intemperate or disorderly shall, at the written request of the City, be removed from the construction by Design-Builder or Subcontractor employing such person, and shall not be employed again in any portion of construction without the

written approval of the City. The Design-Builder or Subcontractor shall keep the City harmless from damages or claims, which may occur in the enforcement of this section.

2.14.5 Design-Builder shall be solely responsible to City for the proper performance of the Work of Subcontractors and any acts and omissions in connection with such performance. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between City and any Subcontractor, including but not limited to any third-party beneficiary rights.

2.14.6 Design-Builder shall coordinate the activities of all Subcontractors. If City performs other work on the Project or at the Site with separate contractors under City's control, Design-Builder agrees to reasonably cooperate and coordinate its activities with those of such separate contractors so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.

2.15 Control of Construction Site

2.15.1 Throughout all phases of construction, including suspension of Work, Design-Builder shall keep the Site reasonably free from debris, trash and construction wastes to permit Design-Builder to perform its construction services efficiently, safely and without interfering with the use of adjacent land areas. Upon Substantial Completion of the construction, or a portion of the construction, Design-Builder shall remove all debris, trash, construction wastes, materials, equipment, machinery and tools arising from the construction or applicable portions thereof to permit City to occupy the Project or a portion of the Project for its intended use.

2.15.2 Design-Builder shall take whatever steps, procedures or means to prevent any dust nuisance due to construction operations. The dust control measures shall be maintained at all times to the satisfaction of the City and in accordance with the requirements of the Arizona Department of Environmental Quality (ADEQ).

2.15.3 Design-Builder shall maintain ADA and ANSI accessibility requirements during construction activities in an occupied building or facility. ADA and ANSI accessibility requirements shall include, but not be limited to, parking, building access, entrances, exits, restrooms, areas of refuge, and emergency exit paths of travel. Design-Builder shall be responsible for the coordination of all Work to minimize disruption to building occupants and facilities.

2.15.4 In the event of abnormal weather conditions, such as windstorms, rainstorms, snowstorms, etc., the Design-Builder shall immediately inspect the work site and take all necessary actions to insure public access and safety are maintained, and that the Work in place and site conditions are protected from damage.

2.15.5 Only materials and equipment, which are to be used directly in the construction, shall be brought to and stored on the Site by the Design-Builder. When equipment is no longer required for the construction, it shall be removed promptly from the Site. Protection of construction materials and equipment stored at the Site from weather, theft, damage and all other adversity is solely the responsibility of the Design-Builder.

2.16 Shop Drawings, Product Data and Samples

2.16.1 Shop Drawings, Product Data, Samples and similar submittals are not Contract Documents. The purpose of their submittal is to demonstrate for those portions of the construction for which submittals are required the way the Design-Builder proposes to conform to the information given and the design concept expressed in the Construction Documents.

2.16.2 The Design-Builder shall review, approve, verify, and submit to the City three copies of each Shop Drawing, Product Data, Sample, and similar submittal required by the Construction Documents in accordance with the approved construction schedule as prescribed in section 4.2 as to cause no delay in the Work or in the activities of the City or of separate contractors.

2.16.3 By approving, verifying and submitting Shop Drawings, Product Data, Samples and similar submittals, the Design-Builder represents that the Design-Builder has determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and has checked and coordinated the information contained within such submittals with the requirements of the construction and of the Construction Documents.

2.16.4 The Design-Builder shall not be relieved of responsibility for deviations from requirements of the Contract Documents unless the Design-Builder has specifically informed the City in writing of such deviation at the time of submittal and the City has given written approval to the specific deviation.

2.16.5 When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the City shall be entitled to rely upon the accuracy and completeness of such calculations and certifications.

2.17 Quality Control, Testing and Inspection

2.17.1 All materials used in the construction shall be new and unused, unless otherwise agreed to in writing by the parties, and shall meet all quality requirements of the Contract Documents.

2.17.2 All construction materials to be used on the construction or incorporated into the construction, equipment, plant, tools, appliances or methods to be used in the construction may be subject to the inspection and approval or rejection of the City. Any material rejected by the City shall be removed immediately and replaced in an acceptable manner.

2.17.3 The procedures and methods used to sample and test material will be determined by the City. Unless otherwise specified, samples and tests shall be made in accordance with (i) Maricopa Association of Governments (MAG) Uniform Standard Technical Specifications and Uniform Standard Details and Drawings, latest revision, (ii) the City of Flagstaff Supplements and Amendments to the latest revision of the MAG Uniform Standard Technical Specifications and Uniform Details and Drawings, (iii) City of Flagstaff Engineering Design and Construction Standards and Specifications latest revision, and (iv) ASHTO and ASTM standards, latest revisions.

2.17.4 The City will select a pre-qualified City or independent testing laboratory and will pay for initial City acceptance testing.

2.17.4.1 When the first and subsequent tests indicate noncompliance with the Contract Documents, the cost associated with that noncompliance and the cost of all tests, except the first test, will be paid for by the Design-Builder. Construction contingency cannot be utilized for the cost of re-testing.

2.17.4.2 When the first and subsequent tests indicate noncompliance with the Contract Documents, all retesting shall be performed by the same testing agency.

2.17.5 The Design-Builder will cooperate with the selected testing laboratory and all others responsible for testing and inspecting the Work and shall provide them access to the Work at all times.

2.17.6 At the option of the City, materials may be approved at the source of supply before delivery is started.

2.17.7 Code compliance testing and inspections required by codes or ordinances, or by a plan approval authority, and which are made by a legally constituted authority, shall be the responsibility of and shall be paid by the Design-Builder, unless otherwise provided in the Contract Documents.

2.17.8 Design-Builder's convenience and quality control testing and inspections shall be the sole responsibility of the Design-Builder and paid by the Design-Builder.

2.18 Trade names and Substitutions. Construction Document references to equipment, materials or

patented processes by manufacturer, trade name, make or catalog number, unless indicated that no substitutions are permitted, may be substituted. Substitute or alternate items may be permitted, subject to the following:

- 2.18.1 The substitution shall be submitted by Design-Builder in writing to the City.
- 2.18.2 The Design-Builder shall certify that the substitution will perform the functions and achieve the results called for by the general design, be similar and of equal substance, and be suited to the same use as that specified.
- 2.18.3 The submittal shall state any required changes in the Construction Documents to adapt the design to the proposed substitution.
- 2.18.4 The submittal shall contain an itemized estimate of all costs and credits that will result directly and indirectly from the acceptance of such substitution, including cost of design, license fees, royalties, and testing. Also, the submittal shall include any adjustment in the Contract Time created by the substitution. Substitutions will only be considered if they do not extend Contract Time.
- 2.18.5 The Design-Builder if requested by the City shall submit Samples or any additional information that may be necessary to evaluate the acceptability of the substitution.
- 2.18.6 The City will make the final decision and will notify the Design-Builder in writing as to whether the substitution has been accepted or rejected. If accepted, the Design-Builder will cause the Construction Documents to be revised as approved at the Design-Builder's cost.
- 2.18.7 The Design-Builder shall continue to perform the construction in accordance with the Construction Documents unless the City accepts the substitution and there is no extension of Contract Time.

2.19 Project Record Documents

2.19.1 During the construction period, the Design-Builder shall maintain at the Site a set of blue-line or blackline prints of the Construction Drawings and Shop Drawings for Project Record Document purposes.

2.19.1.1 The Design-Builder shall mark these drawings to indicate the actual installation where the installation varies appreciably from the original Construction Drawings. The Design-Builder shall give particular attention to information on concealed elements, which would be difficult to identify or measure and record later. Items required to be marked include but are not limited to:

- Dimensional changes to the drawings.
- Revisions to details shown on drawings
- Depths of foundations below first floor
- Locations and depths of underground utilities
- Revisions to routing of piping and conduits.
- Revisions to electrical circuitry.
- Actual equipment locations.
- Duct size and routing.
- Locations of concealed internal utilities.
- Changes made by Change Order, Field Order, Report of Field Change, ASI or RFI.
- Details not on original Construction Drawings.

2.19.1.2 The Design-Builder shall mark completely and accurately Project record drawing prints of Construction Drawings or Shop Drawings, whichever is the most capable of indicating the actual physical condition. Where Shop Drawings are marked, show cross-reference on Construction Drawings location.

2.19.1.3 The Design-Builder shall mark Project record drawings sets with red erasable colored pencil.

- 2.19.1.4 The Design-Builder shall note RFI Numbers, ASI Numbers and Change Order numbers, etc, as required to identify the source of the change to Construction Drawings.
- 2.19.1.5 The Design-Builder shall as a condition of Substantial Completion, submit Project record drawing prints and Shop Drawings to the City or its representative for review and comment.
- 2.19.2 Final Project record drawings: Upon receipt of the reviewed Project record drawings from the City, the Design-Builder shall correct any deficiencies and/or omissions to the drawings and prepare the following for submission to the City within 14 Days:
 - 2.19.2.1 On electronic media: (i) a complete set of Project record drawings prepared in Autocad format compatible with City of Flagstaff Community Development Department CADD technology using City layering standards, each drawing shall be clearly marked with "As-Built Document;" (ii) a complete set of Project specifications in Microsoft Word format; and (iii) Shop Drawings in CADD or graphic file format.
 - 2.19.2.2 On hard copy media: (i) a complete set of reproducible mylars from the final AutoCAD drawings in the format compatible with City of Flagstaff Community Development Department CADD technology using City layering standards; and (ii) two edge bound blueline or blackline sets reproduced from these mylars.
 - 2.19.2.3 The original copy of the Project record drawings (redline mark-ups).

2.20 Project Safety

- 2.20.1 Design-Builder recognizes the importance of performing the construction in a safe manner so as to prevent damage, injury or loss to (i) all individuals at the Site, whether working or visiting, (ii) the construction, including materials and equipment incorporated into the construction or stored on-Site or off-Site, and (iii) all other property at the Site or adjacent thereto.
- 2.20.2 Design-Builder assumes responsibility for implementing and monitoring all safety precautions and programs related to the performance of the construction.
- 2.20.3 Design-Builder shall, prior to commencing construction, designate a safety representative with the necessary qualifications and experience to supervise the implementation and monitoring of all safety precautions and programs related to the construction. Unless otherwise required by the Contract Documents, Design-Builder's safety representative shall be an individual stationed at the Site who may have responsibilities on the Project in addition to safety.
- 2.20.4 The safety representative shall make routine daily inspections of the Site and shall hold weekly safety meetings with Design-Builder's personnel, Subcontractors and others as applicable.
- 2.20.5 Design-Builder and Subcontractors shall comply with all Legal Requirements relating to safety, as well as any City-specific safety requirements set forth in the Contract Documents, provided that such City-specific requirements do not violate any applicable Legal Requirement.
- 2.20.6 Design-Builder will immediately report in writing any safety-related injury, loss, damage or accident arising from the construction to City's Representative and, to the extent mandated by Legal Requirements, to all government or quasi-government authorities having jurisdiction over safety-related matters involving the Project or the construction.
- 2.20.7 Design-Builder's responsibility for safety under this section is not intended in any way to relieve Subcontractors and Sub-Subcontractors of their own contractual and legal obligations and responsibility for (i) complying with all Legal Requirements, including those related to health and safety matters, and (ii) taking all necessary measures to implement and monitor all safety precautions and programs to guard against injury, losses, damages or accidents resulting from their performance of the construction.

2.21 Commissioning

- 2.21.1** The Design-Builder shall develop a Commissioning program, subject to the City's approval, as part of its CMP pursuant to section 2.7.
- 2.21.2** The Commissioning program shall include the roles and responsibilities of the City, tenants, and the Design-Builder.
- 2.21.3** The Design-Builder will provide a final Commissioning report indicating that the Project and all its systems and components are functioning as prescribed in the Contract Documents and training has been completed as required by the Contract Documents.

2.22 Design-Builder's Warranty

- 2.22.1** Design-Builder warrants to City that the construction, including all materials and equipment furnished as part of the construction, shall be new unless otherwise specified in the Contract Documents, of good quality, in conformance with the Contract Documents and free of defects in materials and workmanship.
- 2.22.2** Design-Builder's warranty obligation excludes defects caused by abuse, alterations, or failure to maintain the Project by persons other than Design-Builder and anyone for whose acts Design-Builder may be liable.
- 2.22.3** Design-Builder's warranty obligation shall be for one (1) year, except for such greater periods as may be required by the technical specifications.
- 2.22.4** Nothing in this warranty is intended to limit any manufacturer's warranty, or any other remedy at law available to the City, which provides City with greater warranty or other rights than set forth in this section or the Construction Documents.
- 2.22.5** Design-Builder will provide City with all manufacturers' warranties upon Substantial Completion.

2.23 Correction of Defective Construction

- 2.23.1** Design-Builder agrees to correct any construction that is found to not be in conformance with the Construction Documents, including that part of the construction subject to section 2.22 hereof. A progress payment, or partial or entire use or occupancy of the Project by the City shall not constitute acceptance of construction not in accordance with the Construction Documents.
- 2.23.2** Design-Builder shall, within seven Days of receipt of written notice from City that the construction is not in conformance with the Construction Documents, take meaningful steps to commence correction of such nonconforming construction, including the correction, removal or replacement of the nonconforming construction and any damage caused to other parts of the construction affected by the nonconforming construction.
- 2.23.3** If Design-Builder fails to commence the necessary steps within such seven Day period, City, in addition to any other remedies provided under the Contract Documents, may provide Design-Builder with written notice that City will commence correction of such nonconforming construction with its own forces. If City does perform such corrective construction, Design-Builder shall be responsible for all reasonable costs incurred by City in performing such correction. Any such Work performed by the City as a result of the Design-Builder's failure to commence corrective action shall not impact, in any way, the remaining warranty of the affected construction.
- 2.23.4** If the nonconforming construction creates an emergency requiring an immediate response, the Design-Builder will respond and initiate corrections within twenty-four hours.

- 2.23.5 Sections 2.22 and/or 2.23 above shall not limit any rights or remedies the City may have regarding Design-Builder's obligations under the Contract Documents.

ARTICLE 3 - CITY'S SERVICES AND RESPONSIBILITIES

3.1 Duty to Cooperate

- 3.1.1 City shall, throughout the performance of Work, cooperate with Design-Builder and perform its responsibilities, obligations and services in a timely manner to facilitate Design-Builder's timely and efficient performance of the Work and so as not to delay or interfere with Design-Builder's performance of its obligations under the Contract Documents.
- 3.1.2 City shall provide timely reviews and approvals of interim design submissions and Construction Documents consistent with the turnaround times set forth in the Project Schedule.
- 3.1.3 City's Representative as identified in section 8.4.1.2 shall be responsible for providing City-supplied information and approvals in a timely manner to permit Design-Builder to fulfill its obligations under the Contract Documents. City's Representative shall also provide Design-Builder with prompt notice if it observes any failure on the part of Design-Builder to fulfill its contractual obligations, including any errors, omissions or defects in the performance of the Work.
- 3.1.4 Appropriate City staff will be available and will participate in required training as part of the Commissioning activities.
- 3.1.4 If requested by the Design-Builder, the City's Representative will provide assistance and guidance in obtaining necessary permits. Regulating agencies of the City, such as the Community Development Department and the Utilities Department, enforce Legal Requirements. These enforcement activities are not subject to the responsibilities of the City under this Agreement.

3.2 Furnishing of Services and Information

- 3.2.1 The City will be responsible for the payment of the following:
- 3.2.1.1 City review and permit(s) fees for building and demolition permits.
- 3.2.1.2 City review fees for grading and drainage, water, sewer, and landscaping.
- 3.2.1.3 Utility fees for permanent services.
- 3.2.2 Unless expressly stated to the contrary in the Contract Documents, City will provide, at its own cost and expense, for Design-Builder's information, the following:
- 3.2.2.1 To the extent available, surveys describing the property, boundaries, topography and reference points for use during construction, including existing service and utility lines;
- 3.2.2.2 Temporary and permanent easements, zoning and other requirements and encumbrances affecting land use, or necessary to permit the proper design and construction of the Project and enable Design-Builder to perform the Work;
- 3.2.2.3 A legal description of the Site.
- 3.2.2.4 To the extent available, as-built record and/or historical drawings of any existing structures at the Site;

- 3.2.2.5 To the extent available, environmental studies, reports and impact statements describing the environmental conditions, including hazardous materials, in existence at the Site; and
- 3.2.2.6 To the extent available, geotechnical studies describing subsurface conditions, and other surveys describing other latent or concealed physical conditions at the Site;
- 3.2.3 City will provide all City standards and guidelines, supplementary conditions and special provisions that shall be included in the plans and specifications for the Project. These may include but are not limited to: disposal of surplus material, special security provisions, investigation of underground facilities, traffic controls and regulations, special quality control testing and termite treatment requirements.
- 3.2.4 City is responsible for securing and executing all necessary agreements with adjacent land or property owners that are necessary to enable Design-Builder to perform the construction. City is further responsible for all costs, including attorneys' fees, incurred in securing these necessary agreements.
- 3.3 Field Inspections**
 - 3.3.1 The City may utilize field inspectors to assist the City's Representative during construction in observing performance of the Design-Builder. The inspector is for the purpose of assisting the City's Representative and should not be confused with an inspector with a City regulatory agency or with an inspector from a City laboratory pursuant to section 2.17.
 - 3.3.2 Through onsite observation of the Work in progress and field checks of materials and equipment, the inspector shall endeavor to provide protection against defects and deficiencies in the Work.
 - 3.3.2.1 The inspector will be authorized to inspect all Work and materials furnished. Such inspection may extend to all or part of the Work and to the preparation, fabrication or manufacture of the materials to be used.
 - 3.3.2.2 The inspector will not be authorized to issue instructions contrary to the Construction Documents or to act as foremen for the Design-Builder.
 - 3.3.2.3 The inspector shall have the authority to reject Work or materials until any questions at issue can be decided by the City's Representative.
 - 3.3.3 The furnishing of such services for the City shall not make the City responsible for or give the City control over construction means, methods, techniques, sequence or procedures or for safety precautions or programs or responsibility for the Design-Builder's failure to perform the Work in accordance with Contract Documents.
- 3.4 City's Separate Contractors.** City is responsible for all Work performed on the Project or at the Site by separate contractors under City's control. City shall contractually require its separate contractors to cooperate with, and coordinate their activities so as not to interfere with, Design-Builder in order to enable Design-Builder to timely complete the Work consistent with the Contract Documents.
- 3.5 Project Management Services (if applicable to this Project)**
 - 3.5.1 The City may contract separately with one or more technical consultants to provide project management assistance of the Project. The technical consultant's contract as well as other firms hired by the City shall be furnished to the Design-Builder. The Design-Builder shall not have any right however, to limit or restrict any contract modifications that are mutually acceptable to the City and technical consultant.
 - 3.5.2 The technical consultant services will augment the City staffing resources to effectively manage the objectives of the City and this Project with the goal of managing the key project communication, cost

and time parameters. The City and the Design-Builder shall endeavor to communicate through the technical consultant.

- 3.5.3 The technical consultant may provide preprogramming and design standards.
- 3.5.4 The City may contract with the technical consultant to provide some or all of the following services during the performance of the construction:
 - 3.5.4.1 Oversight of the construction.
 - 3.5.4.2 Site visits at intervals appropriate to the stage of construction to become generally familiar with the progress and quality of the completed construction and to determine in general if the construction is being performed in accordance with the Construction Documents. The technical consultant will keep the City informed of progress of the construction, and will endeavor to guard the City against defects and deficiencies in the construction. The technical consultant may have authority to reject construction which does not conform to the Construction Documents and to require additional inspection or testing of the construction in accordance with section 2.17.
 - 3.5.4.3 Review and recommend approval of the Design-Builder's Payment Requests.
 - 3.5.4.4 Interpretations of matters concerning performance under and requirements of the Contract Documents on written request of the City. The technical consultant's response to such requests will be made with reasonable promptness and within any time limits agreed upon.
 - 3.5.4.5 Analyze, recommend and assist in negotiations of Change Orders.
 - 3.5.4.6 Conduct inspections to determine Substantial Completion and Final Acceptance.
 - 3.5.4.7 Receive and forward to the City for the City's review and records written warranties and related documents required by the Contract Documents and assembled by the Design-Builder.
- 3.5.5 Commissioning Services. The technical consultant may supervise and/or participate in the Commissioning activities.

ARTICLE 4 – CONTRACT TIME

- 4.1 **Contract Time.**
 - 4.1.1 Contract Time shall start with the Notice to Proceed (NTP) and end with Substantial Completion.
 - 4.1.2 The City shall issue a NTP letter establishing the mutually agreed upon NTP date for this Agreement and design.
 - 4.1.3 The Design-Builder shall provide a Project Schedule of the design activities within seven (7) Days after the NTP.
 - 4.1.3.1 The Project Schedule shall provide fourteen (14) Days to be used by the City or its designee for reviews and approvals for any interim design submissions pursuant to section 2.8.
 - 4.1.3.2 Failure on the part of the Design-Builder to adhere to the Project Schedule may be the basis for termination of this Agreement by the City.
 - 4.1.4 Each GMP amendment to this Agreement will establish a separate construction NTP date Performance Period and Substantial Completion date for the entire Project. The Performance Period(s) for individual GMP's may be sequential or concurrent as established in the individual Notices To Proceed.

- 4.1.5 Design-Builder agrees that it will commence performance of the Work and achieve Performance Periods and the Contract Time.
- 4.1.6 All of the times set forth in this Article 4 or by amendments to this Agreement shall be subject to adjustment in accordance with Article 6.
- 4.2 **Construction Schedule.** Each approved GMP proposal shall include a Project Schedule as prescribed in section 2.4 with a CPM diagram construction schedule that will indicate the path of critical activities and establish the Performance Period encompassed by the GMP. The Design-Builder will maintain the construction schedule throughout the construction.
- 4.3 **Substantial Completion**
- 4.3.1 Substantial Completion shall be for the entire Project unless a partial Substantial Completion is identified in the approved GMP schedule and stated in the Notice to Proceed letter. Substantial Completion shall be in accordance with its definition in Article 1 and with the criteria set forth in the Notice to Proceed.
- 4.3.2 Prior to notifying the City in accordance with section 4.3.3 below, the Design-Builder shall inspect the construction and prepare and submit to the City a comprehensive list of items to be completed or corrected. The Design-Builder shall proceed promptly to complete and correct items on the list. Failure to include an item on such list does not alter the responsibility of the Design-Builder to complete all construction in accordance with the Construction Documents.
- 4.3.3 Design-Builder shall notify City when it believes the construction, or a portion of the construction, is substantially complete.
- 4.3.4 Within five Days of City's receipt of Design-Builder's notice, City and Design-Builder will jointly inspect such construction to verify that it is substantially complete in accordance with the requirements of the Construction Documents.
- 4.3.5 If such construction is substantially complete, City shall prepare and issue a Certificate of Substantial Completion that will set forth (i) the date of Substantial Completion of the construction or portion thereof, (ii) the remaining items of construction that have to be completed within thirty Days before Final Acceptance, (iii) provisions (to the extent not already provided in the Contract Documents) establishing City's and Design-Builder's responsibility for the Project's security, maintenance, utilities and insurance pending Final Acceptance, and (iv) an acknowledgment that warranties commence to run on the date of Substantial Completion, except as may otherwise be noted in the Certificate of Substantial Completion.
- 4.3.6 City, at its option, may use a portion of the construction which has been determined to be substantially complete, provided, however, that (i) a Certificate of Substantial Completion has been issued for the portion of construction addressing the items set forth in section 4.3.5 above, (ii) Design-Builder and City have obtained the consent of their sureties and insurers, and to the extent applicable, the appropriate government authorities having jurisdiction over the Project, and (iii) City and Design-Builder agree that City's use or occupancy will not interfere with Design-Builder's completion of the remaining construction.
- 4.4 **Final Completion and Acceptance.** The Work, or identified portions of the Work must be finally complete within thirty Days from the date the Certificate of Substantial Completion is issued unless there is a written agreement of the parties that establishes another date for Final Completion. Upon receipt of written notice that the construction or identified portions of the Work is ready for final inspection and acceptance, City and Design-Builder will jointly inspect to verify that the remaining items of Work have been completed as set forth in section 4.3.5. The City will issue a Final Acceptance letter when the City finds the Work or identified portions of the Work to be finally

complete.

- 4.5 Liquidated Damages – Substantial Completion.** Design-Builder understands that if Substantial Completion is not attained within the Contract Time as may be adjusted, City will suffer damages which are difficult to determine and accurately specify. Design-Builder agrees that if Substantial Completion is not attained within the Contract Time as may be adjusted, Design-Builder shall pay the City (to be determined separately for each GMP) as liquidated damages, and not as a penalty, for each Day that Substantial Completion extends beyond the date determined by the Contract Time as adjusted and further agrees that such amount is reasonable under the circumstances.
- 4.6 Liquidated Damages – Final Completion.** Design-Builder understands that if Final Completion is not attained within the time allowed in section 4.4 above, as may be adjusted, the City will suffer damages which are difficult to determine and accurately specify. Design-Builder agrees that if Final Completion is not attained within the specified time as may be adjusted, Design-Builder shall pay the City (to be determined separately for each GMP) as liquidated damages, and not as a penalty, for each Day that Final Completion extends beyond the date for Final Completion as determined by the Agreement and further agrees that such amount is reasonable under the circumstances.

ARTICLE 5 – CONTRACT PRICE

5.1 Contract Price.

- 5.1.1** The Contract Price will be the amounts prescribed for design in section 5.2 below plus GMPs and Owner's Contingency.
- 5.1.2** The Contract Price is subject to adjustments made in accordance with Article 6 and by amendment.
- 5.1.2.1** GMP amendments are cumulative except for contingency. The amount of contingency for each GMP amendment will be negotiated separately.
- 5.1.2.2** If the GMP requires an adjustment due to changes in the Work, the cost of such changes is determined subject to Article 6. The markups that shall be allowed on such changes shall be no greater than the markups delineated in the approved GMP.
- 5.1.3** Unless otherwise provided in the Contract Documents, the Contract Price is deemed to include all sales, use, consumer and other taxes which are legally enacted when negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

5.2 Design

- 5.2.1** The Design-Builder's fee for providing, through personnel employed by Design-Builder or procured from qualified Subconsultants, Design Services and GMP preparation for the construction of the City Court Facility Project. The Fee Schedules in Exhibit B shall determine the basis for payment depending on how and when the individual Sites become available. Any savings from the design shall revert to the City for use during construction.
- 5.2.2** The contract fees for Design-Builder and Subconsultants are based upon the approved cost proposal dated June 10, 2018 attached hereto as Exhibit B as reimbursable, not to exceed amount of \$1,593,628.00.

5.3 GMP

- 5.3.1** At the end of the design phase or at a time determined by the City, the City will request the Design-Builder to provide a GMP or series of GMP's at the same or different times. The approved GMP(s) will be made part of this Agreement by amendment. The GMP(s) will include amounts for completion of design, if applicable, in the same format as prescribed above and a price for construction in

accordance with section 5.3.3.

5.3.2 The Design-Builder guarantees to bring the completion of the design and construction within the GMP or Design-Builder alone will be required to pay the difference between the actual cost and the GMP.

5.3.2.1 Any savings of the Design-Builder's bid contingency used to buy out the construction at the conclusion of the selection of Subcontractors may be used during construction by the Owner as a construction contingency.

5.3.2.2 Any savings realized during construction may be, at the City's sole discretion, incorporated into the construction of the Project to fund additional scope items or will be returned to the City upon the City's request.

5.3.3 The GMP is composed of the following not-to-exceed cost reimbursable or lump sum amounts defined below.

5.3.3.1 The Cost of the Work is actual costs and is a not-to-exceed reimbursable amount.

5.3.3.2 The General Conditions Costs are firm fixed lump sum amount which will include bonds and insurance premiums based on the full Contract Price for construction.

5.3.3.3 The Construction Fee is a firm fixed lump sum.

5.3.3.4 Design-Builder's Contingency is an amount the Design-Builder may use under the following conditions: (1) at its discretion for increases in the Cost of the Work, or (2) with written approval of the City for increases in General Condition Costs. Design-Builder Contingency is assumed to be a direct Project cost so will receive all markups at the time of GMP submission.

5.3.3.5 Taxes are deemed to include all sales, use, consumer and other taxes which are legally enacted when negotiations of the GMP were concluded, whether or not yet effective or merely scheduled to go into effect. Taxes are actual costs and are a not-to-exceed reimbursable amount.

5.3.3.6 When the Design-Builder utilizes Design-Builder's Contingency funds, the Design-Builder shall make the appropriate changes to the Schedule of Values with the next regular progress Payment Request. The Design-Builder shall deduct the amount of Design-Builder's Contingency funds used from the Design-Builder's Contingency line item and add the same amount to the line item on the Schedule of Values where the funds were used. If the Design-Builder's Contingency funds are used for a new line item that was not given with the original Schedule of Values, that will be so indicated.

5.3.4 The Owner's Contingency is funds to be used at the sole discretion of the City to cover any increases in Project costs that result from City directed changes, Differing Site Conditions, or as the City may otherwise elect. Owner's Contingency will be added to the GMP amount provided by the Design-Builder, the sum of which will be the full Contract Price for construction. Markups for Construction Fee and taxes will be applied by the Design-Builder at the time that Owner's Contingency is used.

5.3.5 GMPs are cumulative except for Design-Builder's Contingency. The amount of Design-Builder Contingency for each GMP amendment will be negotiated separately and shall reflect the Design-Builder's risk from that point in the Project forward.

5.4 GMP Proposal

5.4.1 When requested, the Design-Builder shall submit three (3) sets of the approved sealed design submittal to be used to establish the GMP.

5.4.1.1 The Design-Builder shall sign and date the face of each document of each set used as the basis of the proposed GMP.

5.4.1.2 The Design-Builder shall send two (2) sets of these documents to the City's Representative, while keeping one set for itself.

5.4.2 The GMP proposal shall include:

5.4.2.1 A list of the documents including the latest approved plans and design criteria, with latest issuance date including all Addenda thereto which were used in preparation of the GMP proposal;

5.4.2.2 A list of allowances and a statement of their basis;

5.4.2.3 A list of the clarifications and assumptions made by the Design-Builder in the preparation of the GMP proposal, to supplement the information contained in the documents;

5.4.2.4 A summary of the GMP with a total for each of the components of the GMP as shown in the table below. On the table the percentages requested should be calculated as the percent of the "Total Construction Cost." The sub-amount shown under General Conditions should be included in the General Conditions amount.

PROJECT GMP PROPOSAL SUMMARY SHEET

PROFESSIONAL SERVICES			
	Professional Services		\$
	Reimbursables		
	Construction Administration		
TOTAL PROFESSIONAL SERVICES			\$
CONSTRUCTION			
	Cost of the Construction (Labor, Materials, Equipment, Warranty)		\$
	Design-Builder's Contingency		
	Indirect Costs	RATE	AMOUNT
	General Conditions, Total	%	\$
	Payment and Performance Bond	\$	%
	Insurance	\$	%
	Construction Fee (overhead & profit)	%	\$
	Sales Taxes	%	\$
TOTAL CONSTRUCTION COST			\$
Owner's Contingency			\$
GRAND TOTAL			\$

5.4.2.5 A spread sheet showing the basis for professional services, with hours and hourly costs for basic services and Subconsultant services indicating overhead and profit.

5.4.2.6 A list and estimated cost of reimbursables and other not-to exceed costs.

5.4.2.7 An itemized detail of any costs proposed to be included in the General Conditions.

5.4.2.8 A statement of proposed additional services, if any.

5.4.2.9 The GMP shall include in the Cost of the Work those taxes that are applicable at the time the GMP is executed. If, in accordance with the City's express written direction an exemption is claimed for taxes, the City agrees to indemnify, defend and hold Design-Builder harmless for any liability,

penalty, interest, fine, tax assessment, attorney's fees or other expense or cost incurred by Design-Builder as a result of any action taken by Design-Builder in accordance with the City's direction relative to the taxes as described in this section only.

- 5.4.2.10 The GMP shall exclude the actual costs of any jurisdictional or regulatory agency permit or fee as well as those for testing and inspection services that are to be paid per section 2.10. However, a detailed estimate of all anticipated direct costs for permits, fees, inspection and testing shall be attached to the GMP.
- 5.4.2.11 A Schedule of Values for the construction, with the costs organized by subcontract categories, allowances, contingency, General Conditions Costs, and the Design-Builder's construction phase fee.
- 5.4.2.12 A Project Schedule as prescribed in section 4.2 and establishing the Performance Period and the Scheduled Substantial Completion Date.
- 5.4.2.13 The updated CMP as prescribed in section 2.7.
- 5.4.2.14 The street or physical address of the Site of the Work for each GMP, phased GMP, or separate location at which Work, or a portion of the Work, will be performed shall be set forth in each GMP amendment.

5.5 GMP Approval

- 5.5.1 The Design-Builder shall meet with the City to review the GMP proposal and the written statement of its basis. In the event that the City discovers any inconsistencies or inaccuracies in the information presented, the City shall promptly notify the Design-Builder, who shall make appropriate adjustments to the GMP proposal, its basis or both.
- 5.5.2 Upon receiving the GMP proposal from the Design-Builder, the City may submit the same documents that were used by Design-Builder in developing its GMP to an independent third party for review and verification. The third party shall develop an independent estimate and review the CPM schedule.
 - 5.5.2.1 If the Design-Builder's GMP proposal is greater than the independent third party estimate, the City may require the Design-Builder to reconfirm its proposal.
 - 5.5.2.2 The Design-Builder shall describe the differences between the two, and explain why its GMP reflects the scope of the Work and is correct.
- 5.5.3 If the City accepts the Design-Builder's GMP proposal and the GMP proposal is within the City's budget, the City may accept the Design-Builder's GMP proposal without comment. If the GMP proposal exceeds the City's budget, the City must indicate in writing to the Design-Builder that the budget has been increased to fund the excess cost.
- 5.5.4 If the City accepts the Design-Builder's GMP, the City and the Design-Builder will execute an amendment to this Agreement for the GMP amending the Contract Price and establishing the Performance Period and the Contract Time.
- 5.5.5 The City shall authorize and cause the Design-Builder to revise the documents to the extent necessary to reflect the agreed-upon assumptions and clarifications contained in the GMP proposal.
- 5.5.6 After final submission of the GMP the City may, at the City's sole discretion and for any or no reason, accept or reject the GMP. If the City rejects the Design-Builder's GMP, the City may terminate the Design-Builder's Contract. If the Contract is terminated pursuant to this section, the Design-Builder's compensation shall be limited to the direct cost of its completed Work and materials supplied as of the date of termination. Design-Builder shall not be entitled to any unearned or anticipated profit or overhead. If the Contract is terminated pursuant to this section, Design-Builder shall deliver to the

City all drawings, plans, specifications, special provisions, estimates and other work entirely or partially completed, together with all unused materials supplied by the City.

ARTICLE 6 – CHANGES TO CONTRACT PRICE AND TIME

6.1 Delays

- 6.1.1** If Design-Builder is delayed in the performance of the Work that will cause a change in the date of Substantial Completion due to acts, omissions, conditions, events, or circumstances beyond its control and due to no fault of its own or of those for whom Design-Builder is responsible, the Contract Times for performance may be reasonably extended by Change Order.
- 6.1.2** The Design-Builder shall request an increase in the Contract Time by written notice including an estimate of probable effect of delay on progress of the Work.
 - 6.1.2.1** In the case of a continuing delay only one (1) request is necessary.
 - 6.1.2.2** Written notice by the Design-Builder shall be provided to the City within thirty (30) Days of the commencement of the cause.
 - 6.1.2.3** If written notice is received by the City more than thirty (30) Days after commencement of the cause, the period of delay shall be deemed to commence thirty (30) Days prior to the giving of such notice.
- 6.1.3** By way of example, events that may entitle Design-Builder to an extension of the Contract Time include acts or omissions of City or anyone under City's control (including separate contractors), changes in the Work, Differing Site Conditions, hazardous conditions, delays by regulating agencies, wars, floods, labor disputes, unusual delay in transportation, epidemics abroad, earthquakes, adverse weather conditions not reasonably anticipated, and other acts of God.
- 6.1.4** If adverse weather conditions are the basis for a request for additional Contract Time, such requests shall be documented by data substantiating that weather conditions were abnormal for the period of time and could not have been reasonably anticipated, and that weather conditions had an adverse effect on the scheduled Substantial Completion. All terms, conditions and definitions necessary for the application of this paragraph shall be as set forth on the City of Flagstaff's Table of "Monthly Anticipated Adverse Weather Calendar Days" and the explanatory paragraphs attached thereto.
- 6.1.5** It is understood, however, that permitting the Design-Builder to proceed to complete any Work, or any part of the Work, after the date to which the time of completion may have been extended, shall in no way act as a waiver on the part of the City of any of its legal rights herein.
- 6.1.6** In addition to Design-Builder's possible right to a time extension for those events set forth in this section, Design-Builder may also be entitled to an appropriate adjustment of the Contract Price provided, however, that the Contract Price shall not be adjusted for those events set forth in this section that are beyond the control of both Design-Builder and City, including the events of war, floods, labor disputes, earthquakes, epidemics, adverse weather conditions not reasonably anticipated, and other acts of God.

6.2 Differing Site Conditions

- 6.2.1** If Design-Builder encounters a Differing Site Condition, Design-Builder may be entitled to a Change Order to adjust the Contract Price and/or Contract Time(s) to the extent Design-Builder's cost and/or time of performance are impacted by the Differing Site Condition.
- 6.2.2** Upon encountering a Differing Site Condition, Design-Builder shall provide prompt written notice to City of such condition, which notice shall not be later than seven Days after such condition has been encountered. Design-Builder shall, to the extent reasonably possible, provide such notice before the

Differing Site Condition has been substantially disturbed or altered.

- 6.3 Legal Requirements.** The Contract Price and/or Contract Time(s) shall be adjusted by Change Order to compensate Design-Builder for the effects of any changes in the Legal Requirements enacted after the date of this Agreement negatively affecting the performance of the Work, or if a Guaranteed Maximum Price is established after the date of this Agreement, the date the parties agree upon the Guaranteed Maximum Price. Such effects may include, without limitation, revisions Design-Builder is required to make to the Construction Documents because of changes in Legal Requirements.
- 6.4 City Requested Change in Work.**
- 6.4.1** The City reserves the right to make, at any time during the progress of the Work, such alterations as may be found necessary or desirable in the City's sole discretion.
- 6.4.2** Such alterations and changes shall not invalidate this Agreement, and the Design-Builder agrees to perform the Work as altered, the same as if it has been a part of the original Contract.
- 6.4.3** Upon receipt of a request for proposal for a change in Work, the Design-Builder shall prepare a proposal in significant detail, using the rates and markups established in the Contract Documents as a basis of the Contract Price adjustment. The Design-Builder's proposal shall include a detailed description of any schedule impact.
- 6.4.4** City and Design-Builder shall negotiate in good faith and as expeditiously as possible the appropriate adjustments. Upon reaching an agreement, the parties shall prepare and execute an appropriate Change Order reflecting the terms of the adjustment.
- 6.4.5** If City requests a proposal for a change in the Work from Design-Builder and subsequently elects not to proceed with the change, a Change Order may be issued to reimburse Design-Builder for reasonable costs incurred for estimating services and other services involved in the preparation of proposed revisions to the Contract Documents.
- 6.5 Minor Changes.** The City may make minor changes in the Work that do not involve an adjustment in the Contract Price and/or Contract Time(s) and do not materially and adversely affect the Work, including the design, quality, performance and workmanship required by the Contract Documents. Design-Builder may make minor changes in the Work consistent with the intent of the Contract Documents, provided, however that Design-Builder shall immediately inform City, in writing, of any such changes and record such changes on the documents maintained by Design-Builder.
- 6.6 Emergencies.** In any emergency affecting the safety of persons and/or property, Design-Builder shall act, at its discretion, to prevent threatened damage, injury or loss. Any change in the Contract Price and/or Contract Time on account of emergency work shall be determined as provided in this Article 6.

ARTICLE 7- PROCEDURE FOR PAYMENT

7.1 Design Services

- 7.1.1** Design-Builder will be paid 100% of the amount earned for Design Services minus the value or cost arising from any deficiencies or defects in the Design Services.
- 7.1.2** The Design-Builder shall pay all sums due to Subconsultants for services and reimbursable expenses within fourteen calendar Days after the Design-Builder has received payment for those services from the City.
- 7.1.3** Requests for monthly payments by the Design-Builder shall be submitted on the City's "Payment Request" form and shall be accompanied by a design progress report, detailed invoices and receipts,

if applicable. This submittal shall include, as a minimum, a narrative description of the tasks accomplished during the billing period, a listing of any Deliverables submitted, and the Subconsultants' actual requests for payment plus similar narrative and listing of their Work.

- 7.1.4 After approved completion of design and GMP(s) for the total construction of the Project in accordance with section 2.8 and 5.4, Design-Builder will be paid 100% of the amount for Design Services less the total of payments previously made, subject to section 7.1.1.
- 7.1.5 Payments for those services negotiated as a lump sum shall be made in accordance with the percentage of the services completed during the preceding month. Those services negotiated as a not-to-exceed fee shall be paid in accordance with the actual cost of the service expended during the preceding month.
- 7.1.6 All Payment Requests shall be submitted to the City for review and approval.
- 7.2 **Request for Payment for Construction Services.** The Design-Builder agrees at its own cost and expense, to perform all construction, as called for by this Agreement free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in this Agreement.
 - 7.2.1 The Schedule of Values submitted as prescribed in section 2.13.5, subject to adjustment in accordance with this Agreement will serve as the basis for monthly progress payments made to Design-Builder throughout the construction.
 - 7.2.2 Design-Builder shall submit to City's Representative the construction phase services "Payment Request" form no later than the **3rd** of the month to be paid on the **15th** check run, or by the **19th** of the month to be paid on the **30th** check run. If the 3rd or 19th falls on a Saturday or Sunday invoices are due on the preceding **Friday**.
 - 7.2.3 At least five (5) working Days prior to the date established for a Payment Request, the Design-Builder shall submit an updated Project Schedule and meet with the City's Representative to review the progress of the construction, as it will be reflected on the Payment Request.
 - 7.2.4 The Design-Builder Payment Request may request payment for equipment and materials not yet incorporated into the Project if construction progress is in reasonable conformance with the approved schedule.
 - 7.2.4.1 For equipment and materials suitably stored at the Site, the equipment and materials shall be protected by suitable insurance and City shall receive the equipment and materials free and clear of all liens and encumbrances.
 - 7.2.4.2 For materials and equipment stored off the Site, the City must approve the storage facility. The material and equipment must be stored within Coconino County or other sites as may be approved and be accessible for City's inspection. The Design-Builder must establish City title to such materials and equipment or otherwise protect the City's interest and shall include applicable insurance, bonding, storage and transportation to the Site.
 - 7.2.4.3 All bonds and insurance required for stored materials shall name the City as the loss payee to the extent of its interest in the stored materials.
 - 7.2.5 The Payment Request shall constitute Design-Builder's representation that the Work has been performed consistent with the Contract Documents, has progressed to the point indicated in the Payment Request, and all construction will pass to City free and clear of all claims, liens, encumbrances, and security interests upon the incorporation of the construction into the Project.

7.3 Progress Payment

7.3.1 City shall make payment in accordance with A.R.S. § 34-607 such that payment will be made no later than fourteen (14) Days after Payment Request is certified and approved. City shall review Payment Request and make recommendation of approval or denial within seven (7) Days after City's receipt of each properly submitted and accurate Payment Request, but in each case less the total of payments previously made, and less amounts properly withheld under section 7.3.2 below.

7.3.2 City shall pay Design-Builder all amounts properly due. If City determines that Design-Builder is not entitled to all or part of the Payment Request, it will notify Design-Builder in writing at least seven (7) Days after the date the Payment Request is received by the City. The notice shall indicate the specific amounts City intends to withhold, the reasons and contractual basis for the withholding, and the specific measures Design-Builder must take to rectify City's concerns. Design-Builder and City will attempt to resolve City's concerns. If the parties cannot resolve such concerns, Design-Builder may pursue its rights under the Contract Documents, including those under Article 8 hereof.

7.3.3 Notwithstanding anything to the contrary in the Contract Documents, City shall pay Design-Builder all undisputed amounts in a Payment Request within the times required by the Agreement.

7.4 Retention on Progress Payments

7.4.1 City will retain ten percent (10%) of the amount on each Payment Request provided, however, that when fifty percent (50%) of the construction has been completed by Design-Builder, upon request of the Design-Builder, City may reduce the amount retained to five percent (5%) from Design-Builder's subsequent Payment Requests, if the Design-Builder's performance of construction has been satisfactory.

7.4.2 In lieu of retention, the Design-Builder may provide as a substitute any of the following: an assignment of time certificates of deposit (CDs) from a bank licensed by Arizona; securities guaranteed by the United States; securities of the United States, the State of Arizona, Arizona counties, Arizona municipalities, or Arizona school districts; or shares of savings and loan institutions authorized to transact business in Arizona.

7.4.2.1 CDs assigned to the City must be maintained at the City's single servicing bank, currently Wells Fargo, Arizona, in the form of time deposit receipt accounts.

7.4.2.2 Securities deposited in lieu of retention must be deposited into a separate account with a financial institution within the state of Arizona.

7.4.2.3 CDs and Securities shall be assigned exclusively for the benefit of the City of Flagstaff pursuant to the City's form of escrow agreement. Escrow agreement forms may be obtained from the Management Services Department by calling (928)779-7685 x7267.

7.5 **Substantial Completion.** Upon Substantial Completion of the entire construction or, if applicable, any portion of the construction, City shall release to Design-Builder all retained amounts relating, as applicable, to the entire Work or completed portion of the Work, less an amount up to two and one half times (2.5) the reasonable value of all remaining, deficient or incomplete items of construction as noted in the Certificate of Substantial Completion.

7.6 Final Payment

7.6.1 After receipt of a final Payment Request from Design-Builder, City shall make final payment within 60 Days after the receipt by the City, provided that a Final Acceptance Letter has been issued by the City in accordance with section 4.4.

7.6.2 At the time of submission of its final Payment Request, Design-Builder shall provide the following information:

- 7.6.2.1 An affidavit that there are no claims, obligations or liens outstanding or unsatisfied for labor, services, material, equipment, taxes or other items performed, furnished or incurred for or in connection with the construction which will in any way affect City's interests.
- 7.6.2.2 A general release executed by Design-Builder waiving, upon receipt of final payment by Design-Builder, all claims, except those claims previously made in writing to City and remaining unsettled at the time of final payment, and
- 7.6.2.3 Consent of Design-Builder's surety, if any, to final payment.

7.7 Payments To Subcontractors or Suppliers

7.7.1 Design-Builder shall pay its Subcontractors or Suppliers within seven Days of receipt of each progress payment from the City. The Design-Builder shall pay for the amount of construction performed or materials supplied by each Subcontractor or Supplier as accepted and approved by the City with each progress payment. In addition, any reduction of retention by the City to the Design-Builder shall result in a corresponding reduction to Subcontractors or Suppliers who have performed satisfactory work. Design-Builder shall pay Subcontractors or Suppliers the reduced retention within fourteen Days of the payment of the reduction of the retention to the Design-Builder. No contract between Design-Builder and its Subcontractors and Suppliers may materially alter the rights of any Subcontractor or Supplier to receive prompt payment and retention reduction as provided herein.

7.7.2 If the Design-Builder fails to make payments in accordance with these provisions, the City may take any one or more of the following actions and Design-Builder agrees that the City may take such actions:

7.7.2.1 To hold the Design-Builder in default under this Agreement;

7.7.2.2 Withhold future payments including retention until proper payment has been made to Subcontractors or Suppliers in accordance with these provisions;

7.7.2.3 Reject all future offers to perform work for the City from the Design-Builder for a period not to exceed one year from Substantial Completion date of this Project.

7.7.2.4 Terminate this Agreement.

7.7.3 If Design-Builder's payment to a Subcontractor or Supplier is in dispute, it shall act in compliance with A.R.S. § 32-1129.02 and related statutes as amended, and shall further hold the City harmless from any ensuing damages, claims or costs.

7.7.4 Should the City fail or delay in exercising or enforcing any right, power, privilege, or remedy under this section, such failure or delay shall not be deemed a waiver, release, or modification of the requirements of this section or of any of the terms or provisions thereof.

7.7.5 Design-Builder shall include these prompt payment provisions in every subcontract, including procurement of materials and leases of equipment for this Agreement.

7.8 Record Keeping and Finance Controls

7.8.1 Records of the Design-Builder's direct personnel payroll, reimbursable expenses pertaining to this Project and records of accounts between the City and Design-Builder shall be kept on a generally recognized accounting basis and shall be available for up to three (3) years following Final Completion of the Project.

7.8.2 The City, its authorized representative, and/or the appropriate federal agency, reserve the right to audit the Design-Builder's records to verify the accuracy and appropriateness of all pricing data, including data used to negotiate Contract Documents and any change orders.

- 7.8.3** The City reserves the right to decrease Contract Price and/or payments made on this Agreement if, upon audit of the Design-Builder's records, the audit discloses the Design-Builder has provided false, misleading, or inaccurate cost and pricing data.
- 7.8.4** The Design-Builder shall include a similar provision in all of its agreements with Subconsultants and Subcontractors providing services under the Contract Documents to ensure the City, its authorized representative, and/or the appropriate federal agency, has access to the Subconsultants' and Subcontractors' records to verify the accuracy of cost and pricing data.
- 7.8.5** The City reserves the right to decrease Contract Price and/or payments made on this Agreement if the above provision is not included in Subconsultant's and Subcontractor's contracts, and one or more Subconsultants and/or Subcontractors do not allow the City to audit their records to verify the accuracy and appropriateness of pricing data.

ARTICLE 8- CLAIMS AND DISPUTES

8.1 Requests for Contract Adjustments and Relief.

- 8.1.1** If either Design-Builder or City believes that it is entitled to relief against the other for any event arising out of or related to the Work, such party shall provide written notice to the other party of the basis for its claim for relief.
- 8.1.2** Such notice shall, if possible, be made prior to incurring any cost or expense and in accordance with any specific notice requirements contained in applicable sections of the Agreement.
- 8.1.3** In the absence of any specific notice requirement, written notice shall be given within a reasonable time, not to exceed twenty-one Days, after the occurrence giving rise to the claim for relief or after the claiming party reasonably should have recognized the event or condition giving rise to the request, whichever is later.
- 8.1.4** Such notice shall include sufficient information to advise the other party of the circumstances giving rise to the claim for relief, the specific contractual adjustment or relief requested and the basis of such request.

8.2 Dispute Avoidance and Resolution

- 8.2.1** The parties are fully committed to working with each other throughout the Project and agree to communicate regularly with each other at all times so as to avoid or minimize disputes or disagreements. If disputes or disagreements do arise, Design-Builder and City each commit to resolving such disputes or disagreements in an amicable, professional and expeditious manner so as to avoid unnecessary losses, delays and disruptions to the Work.
- 8.2.2** Design-Builder and City will first attempt to resolve disputes or disagreements at the field level through discussions between Design-Builder's Representative and City's Representative.
- 8.2.3** If a dispute or disagreement cannot be resolved through Design-Builder's Representative and City's Representative, Design-Builder's Senior Representative and City's Senior Representative, upon the request of either party, shall meet as soon as conveniently possible, but in no case later than thirty (30) Days after such a request is made, to attempt to resolve such dispute or disagreement. Prior to any meetings between the Senior Representatives, the parties will exchange relevant information that will assist the parties in resolving their dispute or disagreement.
- 8.2.4** Except as otherwise agreed by the parties, any litigation brought by either party against the other to enforce the provisions of this Agreement must be filed in the Coconino County Superior Court and Arizona law shall apply and control. In the event any action at law or in equity is instituted between

the parties in connection with this Agreement, the prevailing party in the action will be entitled to its costs including reasonable attorneys' fees and court costs from the non-prevailing party.

8.3 Duty to Continue Performance. Unless provided to the contrary in the Contract Documents, Design-Builder shall continue to perform the Work and City shall continue to satisfy its payment obligations to Design-Builder pending the final resolution of any dispute or disagreement between Design-Builder and City.

8.4 Representatives of the Parties

8.4.1 City's Representatives

8.4.1.1 City designates the individual listed below as its Senior Representative ("City's Senior Representative"), which individual has the authority and responsibility for avoiding and resolving disputes under section 8.2.3:

**James Duval, Senior Project Manager
City of Flagstaff
211 W. Aspen Ave.
Flagstaff, AZ 86001**

8.4.1.2 City designates the individual listed below as its City's Representative, which individual has the authority and responsibility set forth in section 8.2.2:

**James Duval, Senior Project Manager
City of Flagstaff
211 W. Aspen Ave.
Flagstaff, AZ 86001**

8.4.2 Design-Builder's Representatives

8.4.2.1 Design-Builder designates the individual listed below as its Senior Representative ("Design-Builder's Senior Representative"), which individual has the authority and responsibility for avoiding and resolving disputes under section 8.2.3:

**Tim Kinney, President
Kinney Construction Services
121 E. Birch Avenue, Suite 500
Flagstaff, AZ, 86001**

8.4.2.2 Design-Builder designates the individual listed below as its Design-Builder's Representative, which individual has the authority and responsibility set forth in section 8.2.2:

**Mike Thomas, Vice President of Operations
Kinney Construction Services
121 E. Birch Avenue, Suite 500
Flagstaff, AZ, 86001**

ARTICLE 9 – SUSPENSION AND TERMINATION

9.1 City's Right to Stop Work

9.1.1 City may, at its discretion and without cause, order Design-Builder in writing to stop and suspend the Work. Immediately after receiving such notice, the Design-Builder shall discontinue advancing the Work specified under this Agreement

- 9.1.2** Such suspension shall not exceed one hundred eighty (180) consecutive Days during the duration of the Project.
- 9.1.3** Design-Builder may seek an adjustment of the Contract Price and Time, if its cost or time to perform the Work has been adversely impacted by any suspension or stoppage of Work by City.
- 9.2 Termination for Convenience.**
- 9.2.1** Upon receipt of written notice to Design-Builder, City may, at its discretion and without cause, elect to terminate this Agreement. If the City suspends the Work for 181 consecutive Days or more, such suspension shall be deemed a termination for convenience.
- 9.2.2** Upon such termination during Design Services, the Design-Builder shall deliver to the City all drawings, plans, specifications, special provisions, estimates and other Work entirely or partially completed, together with all unused materials supplied by the City.
- 9.2.2.1** The Design-Builder shall estimate the value of the Work it has completed and submit its appraisal to the City for evaluation. The City shall have the right to inspect the Subconsultant's Work to appraise the Work completed.
- 9.2.2.2** The Design-Builder shall receive compensation for services performed to the date of such termination as set forth in section 9.2.5 The fee shall be paid in accordance with Article 7 of this Agreement, and shall be an amount mutually agreed upon by the Design-Builder and the City. If there is no mutual agreement, the final determination shall be made in accordance with Article 8.
- 9.2.2.3** Design-Builder shall not be entitled to anticipated profit or anticipated overhead. In no event shall the fee exceed that set forth in Article 5 of this Agreement or as amended.
- 9.2.2.4** The City shall make the final payment within sixty Days after the Design-Builder has delivered the last of the partially completed items and the final fee has been agreed upon.
- 9.2.2.5** If City terminates this Agreement pursuant to this section and proceeds to design and construct the Project through its employees, agents or third parties, City's rights to use the work product shall be as set forth in section 12.4 hereof.
- 9.2.3** Upon such termination during construction services, the Design-Builder shall proceed with the following obligations:
- 9.2.3.1** Stop Work as specified in the notice.
- 9.2.3.2** Place no further subcontracts or orders.
- 9.2.3.3** Terminate all subcontracts to the extent they relate to the Work terminated.
- 9.2.3.4** Assign to the City all right, title and interest of the Design-Builder under the subcontracts terminated, in which case the City shall have the right to settle or to pay any termination settlement proposal arising out of those terminations.
- 9.2.3.5** Take any action that may be necessary for the protection and preservation of the property related to the Contract that is in the possession of the Design-Builder and which the City has or may acquire an interest.
- 9.2.4** The Design-Builder shall submit complete termination inventory schedules no later than sixty (60) Days from the date of the notice of termination.
- 9.2.5** The City shall pay Design-Builder the following.

- 9.2.5.1 The direct value of its completed Work and materials supplied as of the date of termination.
- 9.2.5.2 The reasonable costs and expenses attributable to such termination.
- 9.2.5.3 Design-Builder shall be entitled to profit and overhead on completed Work only, but shall not be entitled to anticipated profit or anticipated overhead. If it appears the Design-Builder would have sustained a loss on the entire Work had the Project been completed, the Design-Builder shall not be allowed profit and the City shall reduce the settlement to reflect the indicated rate of loss.
- 9.2.6 The Design-Builder shall maintain all records and documents for three years after final settlement. These records shall be maintained and subject to auditing as prescribed in section 7.8.

9.3 City's Right to Perform and Terminate for Cause

- 9.3.1 If the City provides the Design-Builder with a written order to correct deficiencies to provide adequate maintenance of traffic, adequate cleanup, adequate dust control, or to repair damage resulting from abnormal weather conditions, and the Design-Builder fails to comply in a time frame specified, the City may have Work accomplished by other sources at the Design-Builder's expense.
- 9.3.2 If Design-Builder persistently fails to (i) provide a sufficient number of skilled workers, (ii) supply the materials required by the Contract Documents, (iii) comply with applicable Legal Requirements, (iv) timely pay, without cause, Subconsultants and/or Subcontractors, (v) prosecute the Work with promptness and diligence to ensure that the Work are completed by the Contract Time, as such times may be adjusted, or (vi) perform material obligations under the Contract Documents, then City, in addition to any other rights and remedies provided in the Contract Documents or by law, shall have the rights set forth in sections 9.3.3 and 9.3.4 below.
- 9.3.3 Upon the occurrence of an event set forth in section 9.3.2 above, City may provide written notice to Design-Builder that it intends to terminate the Agreement unless the problem cited is cured, or commenced to be cured, within seven (7) Days of Design-Builder's receipt of such notice.
 - 9.3.3.1 If Design-Builder fails to cure, or reasonably commence to cure, such problem within such seven (7) Day period, then City may give a second written notice to Design-Builder of its intent to terminate within an additional seven (7) Day period.
 - 9.3.3.2 If Design-Builder, within such second seven (7) Day period, fails to cure, or reasonably commence to cure, such problem, then City may declare the Agreement terminated for default by providing written notice to Design-Builder of such declaration.
- 9.3.4 Upon declaring the Agreement terminated pursuant to section 9.3.3.2 above, City may enter upon the Site and take possession, for the purpose of completing the Work, of all materials, equipment, scaffolds, tools, appliances and other items thereon, which have been purchased or provided for the performance of the Work, all of which Design-Builder hereby transfers, assigns and sets over to City for such purpose, and to employ any person or persons to complete the Work and provide all of the required labor, services, materials, equipment and other items.
- 9.3.5 In the event of such termination, Design-Builder shall not be entitled to receive any further payments under the Contract Documents until the Work shall be finally completed in accordance with the Contract Documents. At such time, the Design-Builder will only be entitled to be paid for Work performed and accepted by the City prior to its default.
- 9.3.6 If City's cost and expense of completing the Work exceeds the unpaid balance of the Contract Price, then Design-Builder shall be obligated to pay the difference to City. Such costs and expense shall include not only the cost of completing the Work, but also losses, damages, costs and expense, including attorneys' fees and expenses, incurred by City in connection with the re-procurement and defense of claims arising from Design-Builder's default.

9.3.7 If City improperly terminates the Agreement for cause, the termination for cause shall be converted to a termination for convenience in accordance with the provisions of section 9.2.

ARTICLE 10 – INSURANCE AND BONDS

10.1 Insurance Requirements

10.1.1 Design-Builder and Subcontractors shall procure and maintain until all of their obligations have been discharged, including any warranty periods under this Agreement are satisfied, insurance against claims for injury to persons or damage to property which may arise from or in connection with the performance of the Work hereunder by the Design-Builder, his agents, representatives, employees or Subcontractors.

10.1.2 The insurance requirements herein are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.

10.1.3 The City in no way warrants that the minimum limits contained herein are sufficient to protect the Design-Builder from liabilities that might arise out of the performance of the Work under this Agreement by the Design-Builder, his agents, representatives, employees, or subcontractors. Design-Builder is free to purchase such additional insurance as may be determined necessary.

10.2 Minimum Scope And Limits Of Insurance. Design-Builder shall provide coverage with limits of liability not less than those stated below:

10.2.1 Commercial General Liability – Occurrence Form

Policy shall include bodily injury, property damage, broad form contractual liability and XCU coverage.

- General Aggregate/for this Project \$2,000,000/\$1,000,000
- Products – Completed Operations Aggregate \$1,000,000
- Personal and Advertising Injury \$1,000,000
- Each Occurrence \$1,000,000

The policy shall be endorsed to include the following additional insured language: **"The City of Flagstaff shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Design-Builder"**.

10.2.2 Automobile Liability - Bodily injury and property damage for any owned, hired, and non-owned vehicles used in the performance of this Agreement.

Combined Single Limit (CSL) \$1,000,000

The policy shall be endorsed to include the following additional insured language: **"The City of Flagstaff shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Design-Builder, including automobiles owned, leased, hired or borrowed by the Design-Builder"**.

10.2.3 Worker's Compensation and Employers' Liability

Workers' Compensation	Statutory
Employers' Liability	
Each Accident	\$100,000
Disease - Each Employee	\$100,000
Disease – Policy Limit	\$500,000

10.2.4 Professional Liability

Each Claim	\$1,000,000
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- 10.2.4.1** The required professional liability coverage must cover Work done or to be done or on the behalf of the Design-Builder.
- 10.2.4.2** In the event that professional liability insurance required by this Agreement is written on a "claims made" basis, coverage shall be maintained for two years past completion and acceptance of the Work or services required by this Contract.
- 10.2.4.3** Any professional liability shall specifically delete any design-build or similar exclusions that could compromise coverages because of the design-build delivery of the Project.
- 10.2.5 Builders' Risk Insurance or Installation Floater** to be determined at time of GMP
In an amount equal to the initial Agreement amount plus additional coverage equal to Agreement amount for all subsequent Change Orders.
- 10.2.5.1** The City of Flagstaff, the Design-Builder, Subcontractors, design professional and design professional's consultant and any others with an insurable interest in the Work shall be **Named Insureds** on the policy.
- 10.2.5.2** Coverage shall be written on an all risk, replacement cost basis and **shall include coverage for soft costs, flood and earth movement.**
- 10.2.5.3** Policy shall be maintained until whichever of the following shall first occur: (i) final payment has been made; or, (ii) until no person or entity, other than the City of Flagstaff, has an insurable interest in the property required to be covered.
- 10.2.5.4** Policy shall be endorsed such that the insurance shall not be canceled or lapse because of any partial use or occupancy by the City.
- 10.2.5.5** Policy must provide coverage from the time any covered property becomes the responsibility of the Design-Builder, and continue without interruption during construction, renovation, or installation, including any time during which the covered property is being transported to the construction installation site, or awaiting installation, whether on or off Site.
- 10.2.5.6** Policy shall contain a **waiver of subrogation** against the City of Flagstaff.
- 10.2.5.7** Design-Builder is responsible for the payment of all policy deductibles.
- 10.3 Additional Insurance Requirements.** The policies shall include, or be endorsed to include, the following provisions:
- 10.3.1** The City, its officers, officials, agents, employees and volunteers shall be additional insured to the full limits of liability purchased by the Design-Builder even if those limits of liability are in excess of those required by this Agreement.
- 10.3.2** The Design-Builder's insurance coverage shall be primary insurance and non-contributory with respect to all other available sources.
- 10.3.3** Coverage provided by the Design-Builder shall not be limited to the liability assumed under the indemnification provisions of this Agreement.
- 10.3.4** The policies shall contain a waiver of subrogation against the City, its officers, officials, agents, and employees for losses arising from Work performed by the Design-Builder and Subcontractors for the City.
- 10.4 Notice Of Cancellation.** Each insurance policy required by the insurance provisions of this

Agreement shall provide the required coverage and shall not be suspended, voided, canceled, reduced in coverage or endorsed to lower limits except after thirty (30) Days prior written notice has been given to the City. Such notice shall be sent directly to the City Senior Representative and shall be sent by certified mail, return receipt requested.

- 10.5 Acceptability Of Insurers.** Insurance is to be placed with insurers duly licensed companies in the state of Arizona and with an "A.M. Best" rating of not less than A-,7, or as approved by the City and licensed in the State of Arizona with policies and forms satisfactory to the City. The City in no way warrants that the above-required minimum insurer rating is sufficient to protect the Design-Builder from potential insurer insolvency.
- 10.6 Verification Of Coverage**
- 10.6.1** Design-Builder shall furnish the City with certificates of insurance (ACORD form or equivalent approved by the City) as required by this Agreement. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.
- 10.6.2** All certificates and endorsements are to be received and approved by the City before Work commences. Each insurance policy required by this Agreement must be in effect at or prior to commencement of Work under this Agreement and remain in effect for the duration of the Project. Failure to maintain the insurance policies as required by this Agreement or to provide evidence of renewal is a material breach of contract.
- 10.6.3** All certificates required by this Agreement shall be sent directly to City's Procurement Section. The City project/contract number and project description shall be noted on the certificate of insurance. The City reserves the right to require complete, certified copies of all insurance policies required by this Agreement at any time.
- 10.6.4** If the Certificate of Insurance reflecting policy coverage and cancellation notice does not conform to the City's requirements, the Design-Builder or Subcontractors, as the case may be, must:
- Submit a current insurance certificate (dated within 15 Days of the Payment Request submittal) with each form. The Payment Request will be rejected if the insurance certificate is not submitted with the Payment Request.
- 10.7 Subcontractors.** Design-Builder's certificate(s) shall include all Subcontractors as additional insureds under its policies. All coverage's for Subcontractors shall be subject to the minimum requirements identified above.
- 10.8 Approval.** Any modification or variation from the insurance requirements in this Contract shall be made by the Risk Manager, whose decision shall be final. Such action will not require a formal Contract amendment, but may be made by administrative action.
- 10.9 Bonds and Other Performance Security.**
- 10.9.1** Prior to execution of this Agreement and/or amendment to this Agreement for any Work that includes construction, the Design-Builder must provide a performance bond and a labor and materials bond, each in an amount equal to the full amount of the construction set forth in the GMP.
- 10.9.2** Each such bond shall be executed by a surety company or companies holding a Certificate of Authority to transact surety business in the state of Arizona, issued by the Director of the Arizona Department of Insurance. A copy of the Certificate of Authority shall accompany the bonds. The Certificate shall have been issued or updated within two years prior to the execution of this Agreement.
- 10.9.3** The bonds shall be made payable and acceptable to the City of Flagstaff.

- 10.9.4** The bonds shall be written or countersigned by an authorized representative of the surety who is either a resident of the state of Arizona or whose principal office is maintained in this state, as by law required, and the bonds shall have attached thereto a certified copy of Power of Attorney of the signing official.
- 10.9.4.1** If one Power of Attorney is submitted, it shall be for twice the total GMP amount.
- 10.9.4.2** If two Powers of Attorney are submitted, each shall be for the total GMP amount. Personal or individual bonds are not acceptable.
- 10.9.5** Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract Documents, the Design-Builder shall promptly furnish a copy of the bonds or shall permit a copy to be made.
- 10.9.6** All bonds submitted for this Project shall be provided by a company which has been rated "A-, 7, or better" by the A.M. Best Company.

ARTICLE 11 - INDEMNIFICATION

11.1 Intellectual Property

- 11.1.1** The Design-Builder shall pay all royalties and license fees associated with its performance of services herewith.
- 11.1.2** The Design-Builder shall defend any action or proceeding brought against City based on any claim that the Work, or any part thereof, or the operation or use of the Work or any part thereof, constitutes infringement of any United States patent or copyright, now or hereafter issued. City shall give prompt written notice to Design-Builder of any such action or proceeding and will reasonably provide authority, information and assistance in the defense of same. Design-Builder shall indemnify, defend and hold harmless City from and against all damages and costs, including but not limited to attorneys' fees and expenses awarded against City or Design-Builder in any such action or proceeding. Design-Builder agrees to keep City informed of all developments in the defense of such actions.
- 11.1.3** If City is enjoined from the operation or use of the Work, or any part thereof, as the result of any patent or copyright suit, claim, or proceeding, Design-Builder shall at its sole expense take reasonable steps to procure the right to operate or use the Work. If Design-Builder cannot so procure such right within a reasonable time, Design-Builder shall promptly, at Design-Builder's option and at Design-Builder's expense, (i) modify the Work so as to avoid infringement of any such patent or copyright or (ii) replace said Work with Work that does not infringe or violate any such patent or copyright.
- 11.1.4** Sections 11.1.2 and 11.1.3 above shall not be applicable to any suit, claim or proceeding based on infringement or violation of a patent or copyright (i) relating solely to a particular process or product of a particular manufacturer required by City and not offered or recommended by Design-Builder to City and to which Design-Builder has objected in writing or (ii) arising from modifications to the Work by City or its agents after acceptance of the Work
- 11.1.5** The obligations set forth in this section 11.1 shall constitute the sole agreement between the parties relating to liability for infringement or violation of any patent or copyright.

11.2 General Indemnification.

- 11.2.1** The Design-Builder hereby agrees to indemnify, defend and hold harmless the City, any of its departments, agencies, officers, or employees from all damages, claims or liabilities and expenses (including reasonable Attorneys' fees) arising out of or resulting in any way from the performance of professional services for the City in the Design-Builder's capacity as a Design-Builder, and caused by

any error, omission, or negligent act of the Design-Builder or any person employed by it or anyone for whose acts the Design-Builder is legally liable. In consideration of the award of this Contract, the Design-Builder agrees to waive all rights of subrogation against the City, its officers, agents and employees for losses arising from the Work performed by the Design-Builder for the City.

- 11.2.2** The Design-Builder agrees to indemnify, defend and save harmless the City of Flagstaff, its officers, agents and employees, and any jurisdiction or agency issuing permits for any Work included in the Project, their officers, agents and employees, hereinafter referred to as indemnitee, from all suits and claims, including attorney's fees and cost of litigation, actions, loss, damage, expense, cost or claims of any character or any nature arising out of the Work done in fulfillment of the terms of this Agreement or on account of any act, claim or amount arising or recovered under workmen's compensation law or arising out of the failure of the Design-Builder to conform to any statutes, ordinances, regulation, law or court decree. It is agreed that the Design-Builder will be responsible for primary loss investigation, defense and judgment costs where this Agreement of indemnity applies. In consideration of the award of this Agreement, the Design-Builder agrees to waive all rights of subrogation against the City, its officers, officials, agents and employees for losses arising from the Work performed by the Design-Builder for the City.

ARTICLE 12 - GENERAL PROVISIONS

12.1 Interpretation and Intent

12.1.1 The Contract Documents form the entire Agreement between City and Design-Builder and by incorporation herein are as fully binding on the parties as it repeated herein. No oral representations or other agreements have been made by the parties except as specifically stated in the Contract Documents.

12.1.2 The Contract Documents are intended to permit the parties to complete the Work and all obligations required by the Contract Documents within the Contract Times for the Contract Price. The Contract Documents are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction and design industry standards.

12.1.3 In the event of any inconsistency, conflict, or ambiguity between or among the Contract Documents, the Contract Documents shall take precedence in the order in which they are listed in the definition of Contract Documents in Article 1. In the event conflicts occur between the drawings and specifications, the Design-Builder is deemed to have estimated the more expensive method unless he has asked for and receive a written decision from the City determining which method or material will be required.

12.2 Time is of the Essence. City and Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in the Contract Documents.

12.3 Mutual Obligations. City and Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each party to realize the benefits afforded under the Contract Documents.

12.4 Work Product.

12.4.1 All Work products (electronically or manually generated) including but not limited to: cost estimates, studies, design analyses, original mylar drawings, Computer Aided Drafting and Design (CADD) file diskettes or CD's, and other related documents which are prepared or procured in the performance of this Agreement (collectively referred to as documents) are to be and remain the property of the City and are to be delivered to the City before the final payment is made to the Design-Builder or pursuant to section 9.2.1. In the event these documents are altered, modified or adapted without the written consent of the Design-Builder or the Subconsultants, which consent the Design-Builder or the Subconsultants shall not unreasonably withhold, the City agrees to hold the Design-Builder and the

Subconsultants harmless to the extent permitted by law from any liability arising out of the City's alteration, modification or adaptation of the documents.

- 12.4.2** City acknowledges Design-Builder's plans and specification as instruments of professional service. Nevertheless, the plans and specifications prepared under this Agreement shall become property of the City upon completion and approval of the Construction Documents and payment in full of all monies then due to Design-Builder for services, or upon termination of this Agreement at an earlier time and upon City payment of any pro rata amount due Design-Builder for Design Services at the time of such termination. Design-Builder shall not use the drawings and specifications, therefore, for any purpose not related to the Project without City's consent. City will not reuse, for matters unrelated to the Work any phase of the Work as set forth in the Scope of Work in Exhibit A and its subsequent usage, or make any modification to the plans and specifications without the prior written authorization of the Design-Builder. City agrees to hold the Design-Builder harmless, to the extent permitted by law, from any liability arising out of the City's modification or alteration of the Construction Documents without the written authorization of Design-Builder. The City specifically reserves the right to use or reuse any design concept, feature, or aspect of the Work incorporated into the plans and specifications in any subsequent City project. The City specifically reserves the right to use or reuse any design concept or aspect of the Work incorporated into the plans and specifications to complete the Project in the event that the City and Design-Builder are unable, after good faith efforts, to execute a GMP. Design-Builder shall incorporate such use rights into any agreement with a Subcontractor or consultant, and shall indemnify the City from any claims from such for copyright or patent infringement.
- 12.4.3** With this Agreement, the Design-Builder and its Subconsultants hereby grant a license to the City, its agents, employees, and representatives for an indefinite period of time to reasonably use, make copies, and distribute as appropriate the documents, works or Deliverables developed or created as a result of the Project and this Agreement and to which Design-Builder and its Subconsultants may retain rights. This license also includes the making of derivative works. In the event that the derivative works require the City to alter or modify the documents, then the provisions of section 12.4.1 apply.
- 12.5** **Assignment.** Design-Builder shall not, without the written consent of the City, assign, transfer or sublet any portion or part of the Work or the obligations required by the Contract Documents. Notwithstanding the City's consent to assignment, Contractor as Assignor, and the Assignee shall both remain liable under all rights, obligations, terms and conditions of the contract.
- 12.6** **Successorship.** Design-Builder and City intend that the provisions of the Contract Documents are binding upon the parties and their successors and assigns.
- 12.7** **Third Party Beneficiary.** Nothing under this Agreement shall be construed to give any rights or benefits in the Agreement to anyone other than the City and the Design-Builder, their successors and assigns, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of City and the Design-Builder and not for the benefit of any other party.
- 12.8** **Governing Law.** The Agreement and all Contract Documents shall be deemed to be made under, and shall be construed in accordance with and governed by the laws of the State of Arizona without regard to the conflicts or choice of law provisions thereof. Any action to enforce any provision of this Agreement or to obtain any remedy with respect hereto shall be brought in the Superior Court, Coconino County, Arizona, and for this purpose, each party hereby expressly and irrevocably consents to the jurisdiction and venue of such Court.
- 12.9** **Severability.** If any provision of this Agreement or the application thereof to any person or circumstance shall be invalid, illegal or unenforceable to any extent, the remainder of this Agreement and the application thereof shall not be affected and shall be enforceable to the fullest extent permitted by law.
- 12.10** **No Waiver.** The failure of either party to enforce any of the provisions of this Agreement or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of

such provisions, nor shall it affect the validity of this Agreement or any part thereof, or the right of either party to thereafter enforce each and every provision.

12.11 Headings. The headings used in this Agreement, or any other Contract Documents, are for ease of reference only and shall not in any way be construed to limit or alter the meaning of any provision.

12.12 Notice.

12.12.1

Many notices or demands required to be given, pursuant to the terms of the Agreement, may be given to the other party in writing, delivered in person, sent by facsimile transmission, emailed, deposited in the United States mail, postage prepaid, or deposited with any commercial air courier or express service at the addresses set forth below, or to such other address as the parties may substitute by written notice, given in the manner prescribed in this paragraph. However, notices of termination, notices of default, and any notice regarding warranties shall be sent via registered or certified mail, return receipt requested, at the addresses set forth below *and* to legal counsel for the party to whom the notice is being given.

If to City:

**Patrick Brown, C.P.M.
Purchasing Manager
211 W. Aspen Ave
Flagstaff, AZ. 86001**

If to Contractor

**Tim Kinney, President
121 E. Birch Street, Suite 500
Flagstaff, AZ 86001**

or to such other place and with such other copies as either party may designate as to itself by written notice to the other party. Rejection, any refusal to accept, or the inability to deliver because of changed address of which no notice was given shall be deemed to be receipt of the notice as of the date of such rejection, refusal or inability to deliver.

12.12.2 Notices Related to Payment, Securities-In-Lieu, Bonds. Any notice, request, instruction or other document to be given under this Agreement by any party to any other party related to payment, securities-in-lieu, bonds or other instrument securing the performance of this Agreement, including but not limited to, bid bonds, performance bonds, or payment bonds shall be in writing and shall be delivered in person or by courier or mailed by certified mail, postage prepaid, return receipt requested and shall be deemed given upon (a) confirmation of receipt of a facsimile transmission, (b) confirmed delivery by hand or standard overnight mail or (c) upon the expiration of three (3) business Days after the Day mailed by certified mail, to the parties listed in section 8.4 with a copy to:

**Patrick Brown, C.P.M.
Purchasing Manager
211 W. Aspen Ave
Flagstaff, AZ. 86001**

or to such other place and with such other copies as either party may designate as to itself by written notice to the other party. Rejection, any refusal to accept or the inability to deliver because of changed address of which no notice was given shall be deemed to be receipt of the notice as of the date of such rejection, refusal or inability to deliver.

12.13 Amendments. The Contract Documents may not be changed, altered, or amended in any way except in writing signed by a duly authorized representative of each party.

12.14 Equal Opportunity/Affirmative Action

12.14.1 The Design-Builder shall comply with the provisions of this Agreement, including the requirements of Article 1-150 of the City of Flagstaff Employee Handbook of Regulations pertaining to discrimination and accepting applications or hiring employees. The Design-Builder shall not discriminate against

any worker, employee or applicant, or any member of the public, because of race, color, religion, gender, national origin, age or disability nor otherwise commit an unfair employment practice. The Design-Builder will take affirmative action to ensure that applicants are employed, and employees are dealt with during employment, without regard to their race, color, religion, gender or national origin, age or disability. Such action shall include but not be limited to the following: employment, promotion, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship as well as all other labor organizations furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this Agreement. The Design-Builder further agrees that this clause will be incorporated in all subcontracts, job-consultant contracts of this Contract entered into by the Design-Builder.

- 12.14.2** The City of Flagstaff extends to each individual, firm, vendor, Supplier, contractor, and Subcontractor an equal economic opportunity to compete for City business and strongly encourages voluntary utilization of Disadvantaged and/or Minority-owned or Woman-owned business to reflect both the industry and community ethnic composition.

The following two paragraphs apply to the Design-Builder named herein and shall appear in all contracts between the Design-Builder and any and all Subcontractors who are employed on this Project. The Design-Builder further agrees that the two paragraphs will be incorporated in all subcontracts with all labor organizations furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this Contract.

"Any Party (Subcontractor), in performing under this Contract, shall not discriminate against any worker, employee or applicant, or any member of the public, because of race, color, religion, gender, national origin, age or disability nor otherwise commit an unfair employment practice.

The Party (Subcontractor) will take affirmative action to ensure that applicants are employed, and employees are dealt with during employment without regard to their race, color, religion, gender or national origin, age or disability. Such action shall include, but not be limited to the following: employment, promotion, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rate of pay or other forms of compensation; and selection for training; including apprenticeship."

The Design-Builder further agrees that the above two paragraphs will be incorporated in all subcontracts with all labor organizations furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this Contract.

- 12.15 Compliance with Federal Laws.** Design-Builder understands and acknowledges the applicability of the Americans with Disabilities Act, the Immigration Reform and Control Act of 1986, and the Drug Free Workplace Act of 1989 to it. The Design-Builder agrees to comply with these laws in performing this Agreement and to permit the City to verify such compliance.

- 12.16 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Agreement that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the Work or to exercise a measure of control over the Work means that the Design-Builder shall follow the wishes of the City as to the results of the Work only.

- 12.17 City's Right Of Cancellation.** All parties hereto acknowledge that this Agreement is subject to cancellation by the City of Flagstaff pursuant to the provisions of A.R.S. § 38-511.

12.18 Data Confidentiality

- 12.18.1** As used in this Agreement, data means all information, whether written or verbal, including plans, photographs, studies, investigations, audits, analyses, samples, reports, calculations, internal memos, meeting minutes, data field notes, work product, proposals, correspondence and any other similar documents or information prepared by or obtained by the Design-Builder in the performance of this Agreement.

- 12.18.2** The parties agree that all data, including originals, images, and reproductions, prepared by, obtained by, or transmitted to the Design-Builder in connection with the Design-Builder's performance of this Agreement is confidential and proprietary information belonging to the City.
- 12.18.3** The Design-Builder shall not divulge data to any third party without prior written consent of the City. The Design-Builder shall not use the data for any purposes except to perform the services required under this Agreement. These prohibitions shall not apply to the following data provided the Design-Builder has first given the required notice to the City:
- 12.18.3.1** Data which was known to the Design-Builder prior to its performance under this Agreement unless such data was acquired in connection with Work performed for the City;
- 12.18.3.2** Data which was acquired by the Design-Builder in its performance under this Agreement and which was disclosed to the Design-Builder by a third party, who to the best of the Design-Builder's knowledge and belief, had the legal right to make such disclosure and the Design-Builder is not otherwise required to hold such data in confidence; or
- 12.18.3.3** Data, which is required to be disclosed by virtue of law, regulation, or court order to which the Design-Builder is subject.
- 12.18.4** In the event the Design-Builder is required or requested to disclose data to a third party, or any other information to which the Design-Builder became privy as a result of any other contract with the City, the Design-Builder shall first notify the City as set forth in this section of the request or demand for the data. The Design-Builder shall give the City sufficient facts so that the City can be given an opportunity to first give its consent or take such action that the City may deem appropriate to protect such data or other information from disclosure.
- 12.18.5** Unless prohibited by law, within ten (10) Days after completion of services for a third party on real or personal property owned or leased by the City, the Design-Builder shall promptly deliver, as set forth in this section, a copy of all data to the City. All data shall continue to be subject to the confidentiality agreements of this Agreement.
- 12.18.6** The Design-Builder assumes all liability for maintaining the confidentiality of the data in its possession and agrees to compensate the City if any of the provisions of this section are violated by the Design-Builder, its employees, agents or Subconsultants. Solely for the purposes of seeking injunctive relief, it is agreed that a breach of this section shall be deemed to cause irreparable harm that justifies injunctive relief in court.
- 12.19 Conflict Of Interest**
- 12.19.1** To evaluate and avoid potential conflicts of interest, the Design-Builder shall provide written notice to the City, as set forth in this section, of any work or services performed by the Design-Builder for third parties that may involve or be associated with any real property or personal property owned or leased by the City. Such notice shall be given seven (7) business Days prior to commencement of the Project by the Design-Builder for a third party, or seven (7) business Days prior to an adverse action as defined below. Written notice and disclosure shall be sent to the City Senior Representative identified in section 8.4.1.1.
- 12.19.2** Actions that are considered to be adverse to the City under this Agreement include but are not limited to:
- 12.19.2.1** Using data as defined in this Agreement acquired in connection with this Agreement to assist a third party in pursuing administrative or judicial action against the City;
- 12.19.2.2** Testifying or providing evidence on behalf of any person in connection with an administrative or judicial action against the City; and

- 12.19.2.3** Using data to produce income for the Design-Builder or its employees independently of performing the services under this Agreement, without the prior written consent of the City.
- 12.19.3** The Design-Builder represents that except for those persons, entities and projects identified to the City, the services to be performed by the Design-Builder under this Agreement are not expected to create an interest with any person, entity, or third party project that is or may be adverse to the interests of the City.
- 12.19.4** The Design-Builder's failure to provide a written notice and disclosure of the information as set forth in this section shall constitute a material breach of this Agreement.
- 12.19.5** This Contract is subject to the conflict of interest provisions of A.R.S. § 38-511.
- 12.20 Legal Requirements.** Design-Builder shall perform the Work in accordance with all Legal Requirements and shall provide all notices applicable to the Work as required by the Legal Requirements.
- 12.21 Confidentiality of Plans and Specifications**
- 12.21.1** Any plans or specifications the Design-Builder generates regarding this Project are for official use only. They may not be shared with others except as required to fulfill the obligations of the Design-Builder's contract with the City.
- 12.21.2** All Record Documents, Shop Drawings and other plans or drawings prepared or submitted by the Design-Builder shall include the following language: "These plans are official use only and may not be shared with others except as required to fulfill the obligations of the Design-Builder's contract with the City of Flagstaff."
- 12.22 Hazardous Materials**
- 12.22.1** Unless included in the Work, if the Design-Builder encounters onsite or as material to be incorporated in the Work any material which it reasonably believes to contain asbestos, polychlorinated biphenyl (PCB), or other hazardous substances or materials regulated by public health laws, it shall immediately stop work and report the condition to the City.
- 12.22.2** If the material is found to contain asbestos, PCB or other hazardous substances or materials regulated by public health laws, the Design-Builder shall not resume work in the affected area until the material has been abated or rendered harmless. The Design-Builder and the City may agree, in writing, to continue work in non-affected areas onsite.
- 12.22.3** An extension of Contract Time may be granted in accordance with Article 6.
- 12.22.4** The Design-Builder will comply with all applicable laws/ordinances and regulations and take all appropriate health and safety precautions upon discovery.
- 12.22.5** Notwithstanding the preceding provisions of this section 12.22, the City is not responsible for hazardous conditions introduced to the Site by Design-Builder, Subcontractors or anyone for whose acts they may be liable. Design-Builder shall indemnify, defend and hold harmless the City and City's officers, directors, employees and agents from and against all claims, losses, damages, liabilities and expenses, including attorneys' fees and expenses, arising out of or resulting from those hazardous conditions introduced to the Site by Design-Builder, Subcontractors or anyone for whose acts they may be liable.
- 12.23 Design-Builder and Subcontractor Employee Security Inquiries.** The parties acknowledge that security measures required in this section are necessary in order to preserve and protect the public health, safety and welfare. In addition to the specific measures set forth below, Design-Builder shall take such other measures as it deems reasonable and necessary to further preserve and protect the

public health, safety and welfare.

- 12.23.1 Security Inquiries.** Design-Builder acknowledges that all of the employees that it provides pursuant to this Agreement shall be subject to background and security checks and screening ("Security Inquiries"). Design-Builder shall perform all such security inquiries and shall make the results available to City for all employees considered for performing Work (including supervision and oversight) under this Agreement. City may make further security inquiries. Whether or not further security inquiries are made by City, City may, at its sole, absolute and unfettered discretion, accept or reject any or all of the employees proposed by Design-Builder for performing Work under this Agreement. Employees rejected by City for performing services under this Agreement may still be engaged by Design-Builder for other Work not involving the City of Flagstaff. An employee rejected for work under this Agreement shall not be proposed to perform Work under other City contracts or engagements without City's prior approval.
- 12.23.2 Criteria for Evaluating Security Inquiries.** Once formally adopted by City, criteria for excluding an individual from performing Work under this Agreement shall be communicated by City to Design-Builder and used by Design-Builder as a factor in making its decision. Prior to such adoption, Design-Builder shall use its best judgment in making its decision using, among other criteria, applicable law, administrative regulations of federal, state and local agencies concerned with Work performed under this Agreement, specific local concerns that deal with the specific Work and Work location(s) of the project, and standards used by City in evaluating its own personnel.
- 12.23.3 Additional City Rights Regarding Security Inquiries.** In addition to the foregoing, City reserves the right to: (i) have an employee/prospective employee of Design-Builder be required to provide fingerprints and execute such other documentation as may be necessary to obtain criminal justice information pursuant to A.R.S. § 41-1750(G)(4); (ii) act on newly acquired information whether or not such information should have been previously discovered; (iii) unilaterally change its standards and criteria relative to the acceptability of Design-Builder's employees and/or prospective employees; and, (iv) object, at any time and for any reason, to an employee of Design-Builder performing Work (including supervision and oversight) under this Agreement.
- 12.23.4 Terms of This Provision Applicable to all of Design-Builder's Contracts and Subcontracts.** Design-Builder shall include the terms of this provision for employee background and security checks and screening in all contracts and subcontracts for Work performed under this Agreement, including supervision and oversight.
- 12.23.5 Materiality of Security Inquiry Provisions.** The Security Inquiry provisions of this Agreement, as set forth above, are material to City's entry into this Agreement and any breach thereof by Design-Builder may, at City's option, sole and unfettered discretion, be considered to be a breach of contract of sufficient magnitude to terminate this Agreement. Such termination shall subject Design-Builder to liability for its breach of contract.
- 12.24 Computer Systems.** Design-Builder shall warrant fault free performance in the processing of date and date-related data including, but not limited to calculating, comparing, and sequencing by all equipment and software products, individually and in combination, from the commencement of the Work. Fault free performance shall include the manipulation of data when dates are in the 20th or 21st centuries and shall be transparent to the user. Failure to comply with "Year 2000" requirements shall be considered a breach of contract.
- 12.25 Traffic Control.** Design-Builder will comply with all provisions of the latest version of the Manual on Uniform Traffic Control Devices and any other traffic control provisions as may be provided in the technical specifications.
- 12.26 Covenant Against Contingent Fees.** The Design-Builder warrants that no person has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, and that no member of the City Council, or any

employee of the City of Flagstaff has any interest, financially, or otherwise, in the Design-Builder's firm, or the firms of Design-Builder's Design Consultant, or Design-Builders other consultants or Subcontractors. For breach or violation of this warrant, the City of Flagstaff shall have the right to annul this Agreement without liability, or at its discretion to deduct from the compensation or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

- 12.27 Fair Treatment of Workers.** The Design-Builder shall keep fully informed of all Federal and State laws, County and City ordinances, regulations, codes and all orders and decrees of bodies or tribunals having jurisdiction or authority, which in any way affects the conduct of Work. The Design-Builder shall at all times observe and comply with all such laws, ordinances, regulations, codes, orders and decrees; this includes but is not limited to laws and regulations ensuring fair and equal treatment for all employees against unfair employment practices, including OSHA and the Fair Labor Standards Act (FLSA). The Design-Builder shall protect, defend and indemnify the City and its representatives against any claim or liability arising from or based on the violation of such, whether by itself or its employees.
- 12.28** All Work performed shall conform to all applicable City of Flagstaff codes, ordinances and requirements as outlined in this Agreement. If there is a conflict in interpretation between provisions in this Agreement and those in Exhibit "A", the provisions in this Agreement shall prevail.
- 12.29** The following exhibits are included in this Agreement:
- Exhibit A – Project Description
 - Exhibit B – Scope of Services
 - Exhibit C – Performance Standards Requirements
 - Exhibit D – Monthly Anticipated Adverse Weather Days
- 12.30 Compliance with Federal Immigration Laws and Regulations.** Proposer warrants that it complies with all Federal Immigration laws and regulations that relate to its employees and complies with A.R.S. § 23-214.A. Proposer acknowledges that pursuant to A.R.S. § 41-4401 a breach of this warranty is a material breach of this contract subject to penalties up to and including termination of this contract, and that the City retains the legal right to inspect the papers of any employee who works on the contract to ensure compliance with this warranty.
- 12.31. No Boycott of Israel.** Pursuant to A.R.S. §§ 35-393 and 35-393.01, the Parties certify that they are not currently engaged in and agree, for the duration of the agreement, not to engage in a boycott of Israel.

CITY COURT FACILITY PROJECT
DESIGN-BUILD CONTRACT
PROJECT NO. 03-18007

CONTRACT NO. 2018-63

This Contract will be in full force and effect only when it has been approved and executed by the duly authorized City officials.

(Please sign in blue ink. Submit original signatures – photocopies not accepted)

IN WITNESS WHEREOF, the parties hereto have executed this Contract on July 17, 2018.

CITY OF FLAGSTAFF, ARIZONA,
an Arizona Municipal Corporation
Barbara Goodrich, Interim City Manager

By: 
Barbara Goodrich
Interim City Manager

KINNEY CONSTRUCTION SERVICES, INC.
an Arizona Corporation

By: 
Title: PRESIDENT

ATTEST:


City Clerk

APPROVED AS TO FORM:

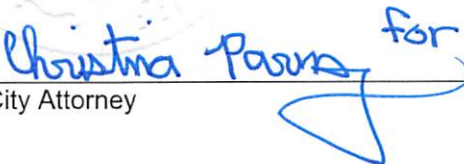
 for
City Attorney

EXHIBIT A – PROJECT DESCRIPTION

The City (Owner) is planning to develop a parcel of land for the City Court Facility Project. The location of the parcel is the south west corner of Beaver Street and Cherry Avenue. The parcel is located at 101 W. Cherry Avenue, Flagstaff, Arizona 86001. The Coconino County Assessor Parcel Number(s) for the subject parcels are 100-10-010C (0.51 ac.) and 100-10-009A (0.13 ac.).

The project will include facility programming, design, cost estimating, value engineering and construction of a 30,000 to 40,000 square foot municipal court facility. The facility shall be designed to meet and obtain one of the following; LEED (Silver certification), Green Globes (3 Globes) or Living Building Challenge (full certification). The project includes demolition of three City owned buildings; one located at 101 W. Cherry Avenue, the second located at 15 N. Beaver Street and the third at 107 W. Aspen Avenue, Flagstaff AZ.

The facility shall include, but is not limited to; courtrooms (jury and non-jury), hearing rooms, judicial chambers, jury assembly and deliberation space, court administration offices, supporting staff offices, security screening, customer service transaction area, lobby, conference room, training room, court enforcement unit with interview rooms, prisoner holding and staging areas, supporting spaces such as mail/copy room, janitorial closet, IT/telephone closet, mechanical room, public and staff toilets. This facility shall also include well-defined office space for the prosecution division of the City Attorney's Office.

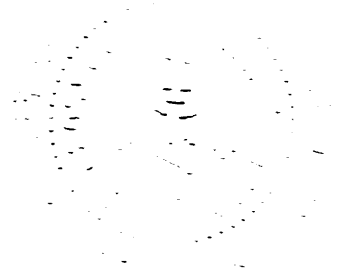


EXHIBIT B – SCOPE OF SERVICES

Refer to attached Design & Pre-Construction Services Proposal from Kinney Construction Services dated June 10, 2018.

Design & Pre-Construction Services Proposal

06/10/2018

Mr. James Duval
Senior Project Manager
City of Flagstaff

Re: City of Flagstaff – Courts Facility

Dear Mr. Duval:

Kinney Construction Services, Inc. (KCS), in conjunction with our design team, is pleased to provide this proposal for the design & pre-construction services related to the **City of Flagstaff – Courts Facility** project. Please see cost summary as outlined below.

General Understanding of the Project

The City of Flagstaff (COF) has requested a proposal for design and pre-construction of the new City Courts Facility as outlined in RFQ#2018-63. This proposal is for full design from programming thru construction documents and permitting. KCS will work thru design for this project in order to provide a permitted set of documents and a GMP estimate. The current budget for the project is \$19.5M inclusive of all costs including pre-construction, design, construction, FF&E, fees, City Staff time, utility impact fees, permitting & inspections fees, electronics security/surveillance, AV components, and necessary features for a fully functional Municipal Court facility.

Scope of Services

- KCS and its consultants will provide design services as outlined within RFQ#2018-63 and further clarified below.
- The final deliverable at the end of design and pre-construction phase will be a permitted set of construction documents for this project and a GMP estimate for the defined scope of work. Total design duration is estimated at 7 months; contract time will be 250 calendar days from Notice to Proceed (NTP).
- KCS, along with its consultants, will present design iterations throughout the course of pre-construction from schematic thru construction documents. COF is responsible for providing timely review and feedback prior to KCS moving forward with design progression.
- The design will include approximately 30,000 to 40,000 sf of new construction at the Cherry Street site along with demolition of the existing courts facility and construction of surface parking.
- Architectural design, civil engineering, structural engineering, and MEP engineering is included as part of this proposal.
- Fire protection and fire alarm engineering will be done as a deferred submittal after permitting. KCS will include basis of design as part of the package.
- A consultant for security and technology has been included for the courts facility.
- FF&E layout will be provided as part of the architectural design including space planning for existing equipment that will be relocated from the existing facility. COF to provide inventory of existing equipment for use by KCS and its consultants.
- Design workshops (~10 total) will be held in Flagstaff with stakeholders identified by COF.

-
- KCS will take the lead on behalf of the COF with stakeholder and community group engagement and participation during the design phase. This will include (2) public open houses and meetings with local specialty groups to solicit feedback for the project. Rich Bowen will be part of the team leading this effort on a consulting basis. KCS will also participate in (2) COF council meetings and presentations.
 - KCS assumes that existing hazardous material testing reports (already received by KCS) are still valid and no additional testing is required during the design phase.
 - KCS will facilitate a chartering session at the beginning of the design and pre-construction phase of the project.
 - KCS will facilitate coordination meetings between architect and engineering consultants during the course of the design phase. These meetings are meant to ensure that the design will meet the budget, schedule, and quality requirements outlined by the owner and users.
 - KCS will manage and present regular schedule updates during the course of design including design components, procurement, and construction.
 - KCS will participate in site investigation as necessary during the design phase to ensure existing conditions are documented within the design.
 - The final estimate at the end of construction documents will be the GMP and basis for contract for construction services.
 - KCS has included allowances for Geotech investigation, mock-ups, and a 3rd party commissioning agent participation in pre-construction.
 - Early on in the design phase of the project, KCS will assist the team in deciding on the path for sustainability certification (Green Globes vs. LEED vs. Living Building Challenge). KCS and the design consultants will provide input and manage the initial portion of the certification process including energy modeling. Costs associated with registration and certification of the chosen sustainability performance organization, either Green Globes or LEED, will be paid for by COF.
 - It is assumed that the courtrooms will be fairly standard with low to mid-range finishes and there will also be limited hard surfaces. For this reason, we believe that an acoustical consultant will not be required.
 - A Threat Assessment Study has not been included for blast consulting nor engineering.
 - KCS assumes that surface parking will be provided at the existing site (Aspen St) and at the new site (Cherry St). There is a possibility of basement level parking and the sally port entrance below finished floor at the Cherry St location. A parking garage is not included.
 - A traffic impact analysis (TIA) is not included as part of these services.
 - A floodplain study and mapping is not included. Hydrology and hydraulics is limited to the project area only. The finished floor elevation will be designed to be 1' above the 100 year flood elevation. Un-occupied space including parking and the sally port may be within the floodplain.
 - ADEQ submittal won't be required since we are tying into existing mains.
 - Design of off-site infrastructure is excluded. KCS assumes surface drainage to Beaver Street will be allowed. LID requirements will be reviewed with COF staff, but it is assumed that on-site detention will not be required. Costs associated with LID design are included in this proposal.
 - Franchise Utility (Unisource, APS, SuddenLink, Century Link) coordination during design is included. Fees for franchise utility infrastructure and/or design are not included and will be paid for directly by COF. KCS will work with franchise utilities early on to help establish budgets to be used for the duration of the project.
 - Expendables including travel are included as a lumpsum cost within the proposal.
 - KCS will submit and coordinate permitting for COF and Authorities Having Jurisdiction (AHJ) permits. Costs including impact fees to be paid by COF.
 - KCS' design consultants will provide E&O insurance. No additional coverage will be provided by KCS.
 - Construction administration (CA) services by design consultants are not included as part of this proposal; these will be included in the GMP.
-

Cost Breakdown by Discipline & Phase

Description	Totals	SD Phase	DD Phase	CDs & Permits
KCS Management & Pre-Construction Services	\$ 428,440.00	\$ 188,930.00	\$ 102,220.00	\$ 137,290.00
Architecture & Interiors	\$ 680,000.00	\$ 212,500.00	\$ 170,000.00	\$ 297,500.00
Civil Engineering & Landscape	\$ 56,058.00	\$ 8,465.00	\$ 14,660.00	\$ 32,933.00
Structural Engineering	\$ 66,880.00	\$ 12,540.00	\$ 16,720.00	\$ 37,620.00
MEP Engineering	\$ 242,670.00	\$ 50,570.00	\$ 101,110.00	\$ 90,990.00
Security & Technology Consultant	\$ 69,280.00	\$ 12,990.00	\$ 17,320.00	\$ 38,970.00
Mock-up Allowance	\$ 7,000.00		\$ 7,000.00	
Survey & Topo	\$ 13,300.00	\$ 13,300.00		
Geo-tech Testing & Evaluation	\$ 10,000.00	\$ 10,000.00		
Commissioning Agent Allowance	\$ 10,000.00		\$ 5,000.00	\$ 5,000.00
Reproductions, Technology, & Expendables	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00
Grand Total	\$ 1,593,628.00	\$ 511,795.00	\$ 436,530.00	\$ 645,303.00

Thank you for this opportunity to provide you with our services.

Sincerely,



Michael Thomas
Vice President of Operations



CGL
2485 Natomas Park Drive, Suite 300
Sacramento CA 95833

7 June 2018

Mike Thomas
Kinney Construction Services, Inc.
121 E Birch - Ste 500
Flagstaff, AZ 86001

Mark-ups in proposal by
KCS (Mike Thomas)
based on conversations
with consultants on
6-7-18 and 6-8-18.

RE: Flagstaff Municipal Courthouse Scope of Services and Fee Proposal

Dear Mike:

It is with great pleasure that CGL welcomes the opportunity to collaborate with Kinney Construction Services, Inc. on the Flagstaff Municipal Courthouse Design-Build project. CGL is confident that the combined experience of our organizations and collaborative spirit will translate into a successful partnership for the Courthouse project and for other potential projects in the future.

The following outline reflects CGL's proposed scope of work for architectural, interiors and engineering design services based on earlier discussions with the team and industry standards. We believe a partnering approach will establish a strong message on how our firms will collaborate throughout the project and how the City of Flagstaff will benefit from our combined expertise.

CGL will serve as the Prime Architect performing all architectural design services as outlined in this proposal. The CGL team will include the following sub-consultants:

- SWI, Inc. – Civil Engineering and Landscape Design
- Caruso Turley Scott – Structural Engineering
- Energy Systems Design - MEP/FP Engineering
- Pennell Consulting Inc. – Electronic Security, Audio-Visual, Voice/Data, Fire Alarm Engineering

BASIS OF SCOPE AND COST PROPOSAL

The following are the conditions and assumptions that form the basis of the Scope of Work and corresponding Cost of Services:

1. A new two to three story courthouse building of approximately 40,000 GSF, \$15,000,000 construction cost located in downtown Flagstaff, AZ.

2. Design-bid-build project delivery with maximum of one Bid Package (Permit Set). A separate site development package as required by the City of Flagstaff will be developed for City planning approvals.

2020

3. The Cost Proposal of professional fees is valid through 2019, then subject to escalation and/or renegotiation.

4. Design schedule for Schematic design through Permitting documents of approximately 6-7 months.

5. Drawings will be developed in Revit 2018. Drawings will adhere to "BIM Forum 2017 Level of Development Specification". Electronic drawings can be provided to the City in AutoCad format as requested. Facility Management information is not included in the BIM model.

6. The following activities are assumed to be the responsibility of the City and/or Kinney Construction Services, Inc.:

6.1 Environmental/Hazardous Materials analysis, report and/or remediation

6.2 All Regulatory, Permit and Filing fees

7. Travel and/or site visits for meetings in Flagstaff, AZ for CGL staff includes the following:

7.1 Design Phase (Schematic Design through Bidding/Permitting phase) – Twelve 1.5 day trips (total)

7.2 Construction Administration Phase – Sixteen 1 day trips (total, including punch list)

Travel and site visits for the engineering sub-consultants is outlined in the attached proposals from each sub-consultant.

8. All printing for owner and permit submittals shall be by Kinney. CGL shall provide files in digital format to Kinney for all printing required. All printing for internal use by CGL shall be by CGL.

The following describes the general scope and deliverables for CGL and the sub-consultants by phase:

SCHEMATIC DESIGN

Chartering Meeting - Attend Chartering meeting with Kinney, Owner and Users

Data Collection - Review previous Space Program

Program Verification - Meet with Users and Owner to review and update Space Program

Blocking and Stacking

CGL will develop two to three conceptual blocking and stacking options for the proposed building. The "blocking and stacking diagrams" define identify the number of courts per floor and the location of all major program areas. The site plan for the conceptual designs will include the proposed building footprint and massing diagrams. The City, Kinney and CGL shall collaborate to select the recommended solution for the project.

Architectural

- Architectural site plan
- Floor and roof plans – 1/16"=1'-0" scale
- Exterior elevations – 1/16"=1'-0" scale
- Building sections – 1/16"=1'-0" scale
- Two three-dimensional views of the general building design concept
- Coordinate with engineering sub-consultants to integrate preliminary engineering and design criteria
- Calculate space allocations in comparison to the Space Program
- Prepare system descriptions to generally describe the materials and systems
- Meet with City officials to discuss code requirements and design issues that may impact the design and identify potential concerns

All scales will be per COF requirements

Structural

- See attached proposal

Civil/Landscape

- See attached proposal

Mechanical, Electrical, Plumbing and Fire Protection (M/E/P/FP)

- See attached proposal

Electronic Security/AV/Voice-Data/Fire Alarm

- See attached proposal

DESIGN DEVELOPMENT

Architectural

- Site plan
- Floor and roof plans – 1/8"=1'-0" scale
- Demolition plans
- Reflected ceiling plans - 1/8"=1'-0" scale
- Exterior elevations - 1/8"=1'-0" scale
- Building sections - 1/8"=1'-0" scale
- Preliminary typical wall sections – 1/2"=1'-0" scale
- Preliminary stair and elevator plans and sections
- Enlarged courtroom plans – 1/4"=1'-0" scale

All scales will be per COF requirements

- Preliminary interior elevations - $1/4"=1'-0"$ scale
- Partition types
- Preliminary FF&E plans – $1/8"-1'-0"$
- Coordinate with consultants to integrate engineering and design criteria
- Outline specifications in narrative form to describe the materials and systems (CSI format)
- Meet with local and City officials if required to discuss code requirements and design issues that may impact the design and identify potential concerns

Structural

- See attached proposal

Civil/Landscape

- See attached proposal

Mechanical, Electrical, Plumbing and Fire Protection (M/E/P/FP)

- See attached proposal

Electronic Security/AV/Voice-Data/Fire Alarm

- See attached proposal

CONSTRUCTION DOCUMENTS

Architectural

- Architectural site plan
- Floor and roof plans, dimensioned and annotated – $1/8"=1'-0"$ scale
- Demolition plans
- Life Safety plans
- Reflected ceiling plans, dimensioned and annotated – $1/8"=1'-0"$ scale
- Exterior elevations, dimensioned and annotated – $1/8"=1'-0"$ scale
- Building sections, dimensioned and annotated – $1/8"=1'-0"$ scale
- Wall sections, dimensioned and annotated – $1/2"=1'-0"$ scale
- Stair and elevator plans, sections and details, dimensioned and annotated
- Enlarged courtroom plans, reflected ceiling plans, interior elevations – $1/4"=1'-0"$ scale
- Courtroom and miscellaneous millwork details
- Exterior and interior details
- Interior elevations
- Door and finish schedules, door details
- Partition types
- FF&E plans – $1/8"-1'-0"$
- Coordinate with consultants to integrate engineering and design criteria
- Specifications (CSI format)
- Meet with local and Commonwealth officials if required to discuss code requirements and design issues that may impact the design and identify potential concerns.

All scales will be per COF requirements

Structural

- See attached proposal

Civil/Landscape

- See attached proposal

Mechanical, Electrical, Plumbing and Fire Protection (M/E/P/FP)

- See attached proposal

Electronic Security/AV/Voice-Data/Fire Alarm

- See attached proposal

BIDDING AND PERMITTING

General

- Kinney will coordinate the construction bidding process, establishing the bidding procedures, terms and conditions of the contract, and general requirements.
- One bid package is included in the Work. Inclusion of additional bid packages will be an Additional Service.
- Kinney will assemble, print, and distribute all bid packages to potential bidders.

Architect

- Prepare Addenda to supplement the documents and clarify bidding sub-contractor questions.
- Review requests for substitutions.

All Architect Sub-consultants

- Respond to requests for substitutions for their respective discipline.
- Prepare portions of Addenda related to their respective disciplines.

CONSTRUCTION ADMINISTRATION

CA not part of this contract

General

- Kinney Construction Services, Inc. shall be responsible for the documentation, preparation and submission of all As-built documents required by the City.

Architect

- Attend up to 16 on-site meetings to observe the construction progress and perform punch list. Prepare Field Reports of each onsite visit.
- Review and respond to Requests for Information.
- Prepare Bulletin (supplemental drawings and/or specifications) for

clarification of details as needed.

- Review of all contractor submittals and shop drawings, up to three times.
- Prepare punch lists.

All Architect Consultants

Structural

- See attached proposal

Civil/Landscape

- See attached proposal

Mechanical, Electrical, Plumbing and Fire Protection (M/E/P/FP)

- See attached proposal

Electronic Security/AV/Voice-Data/Fire Alarm

- See attached proposal

OPTIONAL SUPPLEMENTAL SERVICES

The following Supplemental Services can be performed as Additional Services pending prior approval by Kinney Construction Services, Inc. See attached engineering proposals for optional Supplemental Services available to be performed by the engineering sub-consultants.

Existing Physical Conditions Survey

- Floor plan survey confirming location of all walls, columns, stairs, masonry, elevators, stairs, shafts, toilets, fire standpipes, slab height changes, etc. of existing buildings.
- Elevation study to confirm the measurement of height and width of all exterior elevations, including windows of existing buildings.
- Section documentation to confirm the floor-to-floor heights and floor to underside of structural slab.

Acoustics

- Acoustic consulting

Measured 'As-Built' Drawings of the Final Construction

- Compile mark-up drawings from the Construction Manager and Contractors
- Provide electronic as-built documents for County long-term facility maintenance purposes.

Geotechnical Engineer and Report

by KCS

- Report determines the criteria for foundation design, temporary and

permanent groundwater control, and soil/rock slope stabilization.

Subsurface Soil Borings

by KCS

- Provide drilling of the subsurface soil borings and data report of the findings.

Legal Survey

by KCS

- Measured and scaled topographical survey, utility survey, and boundary survey of existing site conditions in a combined drawing document.

Part of base contract to assist KCS with LEED or Green Globes

~~Leadership in Energy and Environmental Design (LEED), Green Globes~~

- ~~• Green building rating system providing a framework of minimum criteria in the design and documentation of sustainable buildings.~~
- ~~• Documentation, tracking and coordination of all LEED points between the design team, owner, construction manager and general contractors.~~

Swing Space

- Provide design and furniture layouts of temporary swing space for building components determined by the City.

Physical Model

- Provide physical professional scale model of proposed design.

Traffic Studies or Traffic Impact Analysis

Threat Assessment Studies

- Threat assessment to determine potential project vulnerabilities, focusing on physical, architectural, electronic and/or staffing components of the project. Blast consulting and engineering for the design of the structural and architectural systems needed to absorb the energy of the potential vulnerabilities defined by the threat assessment.

Publicity and Credit:

CGL will be identified in any written or graphic material connected with the project as the Design Architect / Architect of Record. This includes all published deliverables during design and construction, including but not limited to: reports; drawings; title blocks; specification books; etc. This also applies to all material submitted for publication, awards, exhibits, etc. CGL is entitled to use of any images prepared in connection with this project, and, agrees to allow similar privilege to other design team members.

Fees:

Professional services fees for the scope of services described in this proposal shall be \$1,353,800 (One million three hundred fifty three thousand eight hundred dollars). Payment shall be made in the form of monthly progress payments, paid within 30 days of receipt of invoices and based on the percentage

completed of each phase. Expenses for travel to meetings and workshops, telephone and printing are included in the total fee.

CA not part of this contract

	SD	DD	CD	P	CA
Architecture/Specs/Interiors Total	\$ 212,500	\$ 170,000	\$ 255,000	\$ 42,500	\$ 170,000
Civil / Landscape Total	\$ 8,465	\$ 14,660	\$ 32,933	\$ -	\$ 4,542
Structural	\$ 12,540	\$ 16,720	\$ 33,440	\$ 4,180	\$ 16,720
HVAC, Plumbing/FP Electrical Total	\$ 50,570	\$ 101,110	\$ 90,990	\$ -	\$ 30,330
Program Verification	\$ -	\$ -	\$ -	\$ -	\$ -
LEED	\$ -	\$ -	\$ -	\$ -	\$ -
FF&E	\$ -	\$ -	\$ -	\$ -	\$ -
Cost Estimator/Schedule	\$ -	\$ -	\$ -	\$ -	\$ -
Acoustics	\$ -	\$ -	\$ -	\$ -	\$ -
Code/Life Safety	\$ -	\$ -	\$ -	\$ -	\$ -
Elec. Sec/AV/Voice-Data/Fire Alarm	\$ 12,990	\$ 17,320	\$ 34,640	\$ 4,330	\$ 17,320
Way Finding - Signage	\$ -	\$ -	\$ -	\$ -	\$ -
Elevator	\$ -	\$ -	\$ -	\$ -	\$ -
Roofing / Envelope	\$ -	\$ -	\$ -	\$ -	\$ -
Special Lighting	\$ -	\$ -	\$ -	\$ -	\$ -
Travel SD-B/P	\$ -	\$ -	\$ -	\$ -	\$ -
Travel CA	\$ -	\$ -	\$ -	\$ -	\$ -
Printing	\$ -	\$ -	\$ -	\$ -	\$ -
Sub-total per phase	\$ 297,065 21.9%	\$ 319,810 23.6%	\$ 447,003 33.0%	\$ 51,010 3.8%	\$ 238,912 17.6%
Sub-totals SD-P / CA	\$1,114,888 82.4%				\$238,912 17.6%
Total	\$1,353,800 100.0%				

Please feel free to contact us if you have any questions or comments,

Sincerely,


 Enrique Macia, AIA, LEED AP
 Senior Vice President
 CGL Companies



Shephard ▲ Wesnitzer, Inc.
Engineering an environment of excellence

110 West Dale Avenue
 Flagstaff, AZ 86001
 928.773.0354
 928.774.8923
 www.swiaz.com

Engineering an environment of excellence.

PROPOSAL/ AGREEMENT FOR PROFESSIONAL SERVICES

**Ref. No. 18073
 June 1, 2018**

BETWEEN: **Kinney Construction Services**
 Attn: Tim Kinney
 121 E. Birch Ave. Suite 500
 Flagstaff, AZ 86001
 ("CLIENT")

AND: **Shephard – Wesnitzer, Inc.**
 110 West Dale Avenue
 Flagstaff, Arizona 86001 ("SWI")

FOR THE PROJECT: **Civil Engineering Services**
City Court Facility Project ("PROJECT")
 101 W. Cherry Avenue
 Flagstaff, Arizona
 APN: 101-10-010A ("SITE")

The Client and SWI do hereby agree as follows:

2.0 DESCRIPTION OF PROJECT

Information provided by the Client indicates that the Project consists of demolition of three City buildings (101 W. Cherry Ave, 15 N. Beaver Street, 107 W. Aspen Ave.) and the construction of a new City Court Facility and associated parking lot improvements at the site located on Cherry Avenue in Flagstaff, Arizona.

2.0 PURPOSE

The purpose of our Engineering Services will be to prepare a Civil Plans for review and approval the City of Flagstaff (City) as part of the City's development process.

Client's Initials _____

3.0 SCOPE OF SERVICES

We propose to provide the following:

Survey Services:

Item No.	Description	Fee
1.	<p>Pre-Design Services</p> <p>Survey Control: Verify existing survey control, establish new permanent survey control and elevation benchmarks for use through duration of the project.</p> <p>Results of Survey: Perform a boundary survey and prepare Results of Survey for Assessor Parcel Numbers 100-10-010C & 100-10-009A.</p> <p>Topographic Survey: Provide a detailed topographic survey of all existing site improvements, drainage structures and utility appurtenances within the subject parcel boundaries and adjacent street 15 Right-of-Way. Provide a signed and sealed topographic survey and associated CAD files.</p> <p>Utilities: Locate all visible utility bluestake markings and surface utility appurtenances including, but not limited to: sewer manhole rim and inverts, cleanouts, water meters, water valves, gas meters, electric pullboxes/transformers.</p>	\$8,500.00
2.	<p>Lot Combination: Prepare a Legal Description and Exhibit, and Lot Combination form for submittal to the City of Flagstaff for approval, and recording with Coconino County (City of Flagstaff Fee: \$175.00, County Recording Fee: \$10.00).</p>	\$1,500.00
3.	<p>Legal Descriptions: Prepare up to 4 legal descriptions for PUE's, TCE's, and sidewalk easements as required by the City of Flagstaff.</p>	\$1,800.00
4.	<p>As-Built Survey: Provide as-built survey data for finished construction of all site utilities, grading and drainage features in preparation of Record Drawings as required by the City of Flagstaff.</p>	\$1,500.00
	Survey Services Subtotal:	\$13,300.00

Concept Plan:

Items below are tasks that will be completed by SWI for the Concept Plan review process, and are based on **two (2)** Concept Plan submittals. It is assumed that the Court Site and Parking Site will be submitted under one concept plan application.

Item No.	Description	Fee
5.	<p>Concept Plan: Review the Concept Plans as provided to SWI by the Client to make the necessary Civil Engineering related adjustments to conform to City codes: including preliminary utilities, drainage systems, low impact development systems, impervious areas, pedestrian access, and traffic circulation support. This includes all three parcels. The City comments provided to SWI by the Client will be incorporated into adjustments made by SWI. This includes one (1) iteration of Concept Plan development with the Client and architect to ensure the site works with the Civil Improvements: turning analysis, preliminary grades, driveway location, etc. This item also includes comment coordination with the City. Additional plans and meetings will be billed on a time and material basis only upon Client's approval.</p> <p>Preliminary Landscape Plan: Morning Dew Landscaping will prepare a Preliminary Landscape Plan in accordance with the City's Concept Plan checklist.</p>	\$8,200.00
	Concept Plan Subtotal:	\$8,200.00

Site Plan:

Items below are tasks that will be completed by SWI per the City's Site Plan conditions of approval and will be required prior to Construction Plan review. Items will be completed for the Formal Site Plan submittal and are based on **two (2)** Site Plan Submittals. Additional submittals will be considered as additional services. It is assumed that the Court Site and Parking Site will be submitted under one site plan application.

Item No.	Description	Fee
6.	<p>Grading and Drainage Plan: Prepare a stand-alone Grading and Drainage Plan per City requirements. This plan will contain its own cover sheet, will be on an SWI border, and may contain information such as existing and finish grade contours, approximate retaining wall heights, finish floor elevations, detention/LID locations and required volumes, the proposed driveway and turn lane, and existing & proposed utilities.</p>	\$14,200.00

Preliminary Drainage Report:

Prepare and submit a preliminary drainage report. Hydrologic calculations will be performed for the existing and developed conditions and approximate detention and LID volumes will be estimated. The results of this preliminary analysis will be documented in this report and will include a description of the preliminary drainage scheme. This report will also provide justification ~~that~~ an area reserved for surface and/or underground detention is satisfactory. The area needed for detention will be coordinated with the Site Plan.

that

Preliminary Landscape Plan:

Morning Dew Landscaping will update the Preliminary Landscape Plan in accordance with the City's Site Plan checklist.

Site Plan Coordination:

Coordination and Meetings: Includes coordination with Client and City staff through the Site Plan preparation and approval process. Includes one (1) in person project kickoff meeting with the Client and Client's architect, one (1) site visit, and attendance at one (1) Formal Site Plan meeting with City staff. This item assumes that all meetings will be held in Flagstaff at SWI or City offices. Includes comment coordination with the City of Flagstaff after their review of the Site Plan. SWI will receive finished PDF's by others, print the appropriate number of copies, include an electronic copy of everything on a disc, and submit the complete submittal to the City of Flagstaff for review.

KCS

Site Plan Subtotal:

\$14,200.00

Final Design and Construction Plans:

These tasks are based on the Preliminary Plat approved by the City and will be utilized for Final Design with only minor modifications as necessary to address their comments. The fees for the Final Design and Construction Plans assume three (3) submittals (2 for review and 1 for final approval) to the City which is typical for projects of this type.

Item No.	Description	Fee
7.	Construction Plans for Improvements: Prepare and submit construction plans to the City representing the detailed design of public and private improvements associated with the Project infrastructure per <i>The City of Flagstaff's Civil Construction Plan Submittal & Processing for Residential & Commercial Development Projects</i> standards. Private improvements located on-site will be designed per City standards and details. Specifications for construction will be listed on the plans.	\$31,900.00

Private improvements include: curb, gutter, sidewalk, pavement plan (does not include the design of pavement structural section), on-site water and gravity sewer systems, horizontal control sheets, on-site access road, retaining wall, and site grading.

Provided by geotech;
contracted directly by KCS

Public improvements include driveway connections to the adjacent roadway and water and sewer connections.

Storm Water Pollution Prevention Plan:

Prepare a SWPPP to be included in the Construction Plans that will identify temporary and permanent erosion protection facilities per ADEQ requirements. The SWPPP developed under this scope of work will address initial SWPPP best management practices and controls only; modifications to the SWPPP to address on-site changes are the responsibility of the Contractor. ADEQ National Emissions Standard for Hazardous Air Pollutants (NESHAP) is typically obtained directly by the Contractor and is not included in this scope of work. Permit fees shall be paid by the Contractor.

Final Drainage Report:

Prepare and submit a Drainage Report per the requirements set forth by the City of Flagstaff Stormwater Management Design Manual (COFSMDM). Specifically, the report will address the existing and post development drainage peak discharge rates on the site. The report will also discuss how offsite runoff will be routed through the site if necessary. This assumes no change to the approved Site Plan and does not account for iterative drainage design. Work will be coordinated with the Grading Plans. The report will include detailed calculations for stormwater conveyances, detention areas, and Low Impact Development Integrated Management Practices.

Engineer's Opinion of Probable Cost (EOPC):

Prepare and submit an EOPC for any improvements for which an Assurance of Performance is required. The EOPC will be prepared in accordance with City standards.

Final Landscape & Irrigation Plan:

Morning Dew Landscaping will prepare a final landscape and irrigation plan in accordance with the City's Civil Construction Plan checklist. The landscape and irrigation plan will be incorporated into the Civil Construction Plans.

Final Design and Construction Plan Coordination:

Includes coordination with Client, Client's architect, Geotechnical Engineers, City staff, and utility companies through the Final Design and Construction Plan preparation and approval process. Includes two (2) in person meeting with the Client and Client's architect and attendance at two (2) comment resolution meeting with City staff (typically after the 1st review).

Final Design and Construction Plan Subtotal: \$31,900.00

Construction Staking:

Item No.	Description	Fee
	Not Part of this contract	
8.	Construction Survey (Estimated): Provide construction survey and layout for all new site improvements, utilities, grading and drainage, parking lots, and building construction.	\$13,500.00
Construction Staking Services Subtotal:		\$13,500.00

Construction Phase Service:

Items 9-12 below are tasks that will be completed by SWI during construction, after construction plan approval.

Item No.	Description	Fee
9.	<p>Rough Grading Certification: Provide up to 2 inspections as necessary to complete the latest <i>Rough Grading Inspections Certificate</i> to be submitted to the City of Flagstaff's Stormwater Management Section. The construction surveyor shall provide as-built information for the proposed drainage structures. This will aid in confirming the construction of the drainage structures compared to the design. The Contractor is to route the Rough Grading Inspection Certificate form to be signed by the Registered Civil Engineer, Land Surveyor, Geotechnical Engineer and Grading Contractor. It is assumed that a separate rough grading certificate will be required for the new courthouse site and the new parking lot on the existing courthouse site.</p>	\$1,900.00
10.	<p>Final Grading Certification: Provide up to 2 inspections and the Final Grading Certification to the City of Flagstaff's Stormwater Management Section. The Contractor is to route the latest City of Flagstaff <i>Final Grading Inspection and Certificate</i> form to be signed by the Registered Civil Engineer and Geotechnical Engineer. The construction surveyor is to provide an as-built survey for any additional drainage structures note surveyed under the Rough Grading Certification. The as-built survey is not included in this item. It is assumed that a separate final grading certificate will be required for the new courthouse site and the new parking lot on the existing courthouse site.</p>	\$1,900.00
11.	<p>Record Drawing Engineered Grading Plan: Services include compiling as-built plans for submittal to the City of Flagstaff. Based on as-builts provided by the construction surveyor, inspector reports and redlines, contractor redlines, and field visits. SWI will provide a Record drawing.</p>	\$3,300.00

- 12. Construction Observation Services: \$4,400.00**
 Includes review and approvals for civil related shop drawing submittals. Provide construction observations for civil related work (40 hours for a 6 month construction period), including construction coordination, support and correspondence with Client, Client's contractor, sub-contractors, City staff and utility companies. Includes up to 2 Request for Information (RFI) related to revisions due to the discovery of unanticipated conditions in the field or revisions instigated by others. Services above and beyond the site visits and RFIs *will be billed on a time and material basis* only upon written authorization. Not part of this contract -7

Construction Phase Services Subtotal: \$11,500.00

FEE SUMMARY

	Survey Services	\$13,300
	Concept Plan	\$8,200
	Site Plan	\$14,200
	Final Design and Construction Plan	\$31,900
	Construction Staking	\$13,500
	Construction Phase Services	\$11,500
	Total	\$92,600

4.0 SCHEDULE

A schedule will be developed with the Client upon a signed copy of this agreement.

5.0 ASSUMPTIONS

- a. The Court Site and Parking Site will go through Community Development as one submittal.
- b. Client will provide checks for submittal fees.
- c. A Resource Protection Plan will not be required.
- d. Sufficient survey boundary control lying within at least one adjoining tract is existing and verifiable.
- e. Narrative and Site Analysis will be prepared by others.
- f. Court Site parcels will be combined. Parking Site parcels will not be combined.
- g. Stormwater detention will not be required.
- h. Traffic impacts will not be evaluated.
- i. ADEQ submittal will not be required.
- j. Demolition plans will be prepared by others.
- k. Finished Floor will be a minimum 1' above Base Flood Elevation.
- l. No overnight vehicles will be parked in areas with greater than 1' of flood depth.
- m. Structural design is excluded with this proposal.
- n. The design of dry utilities will be prepared by the Utility Owner. Any dry utility information provided to SWI in AutoCAD format will be included on the plans for reference only.

- o. A bid schedule or construction contract documents are not included.
- p. No offsite water or sewer mains need to be upsized or extended more than 100' to reach the subject parcel.
- q. Offsite sewers adjacent to project are at sufficient depth to accept gravity sewers from the project.
- r. Offsite water lines adjacent to the project are of sufficient size and capacity to adequately service the project utilizing only a system of internal looped pipe connections, and no offsite water main extensions are required.
- s. Offsite stormwater lines adjacent to the project are of sufficient size and capacity to adequately serve the project and no off-site analysis is required.
- t. Mechanical Electric Plumbing (MEP) engineer will provide the size and location of water and sewer services. MEP will also provide size of water meters.
- u. Fee assumes single phase construction and therefore only one construction plan set is assumed.
- v. Geotechnical investigation results and pavement structural section recommendations will be performed by others, will be received by SWI *prior to initiating site work*, and are not part of this Agreement.
- w. The Client or Client's contractor is responsible for obtaining all applicable construction permits for this job.

6.0 MANNER OF PAYMENT

Billing for work in progress will be made on a monthly basis. Payment is due upon receipt of monthly billings. Late fees at the rate of 2% interest on balance owed will be assessed to client for delays in payments in excess of 30 days from the date of invoice. Services will be halted due to delays in payment. Final revisions to calculations and drawings will be released upon receipt of final payment.

7.0 FEES

The cost of Civil Engineering and Surveying services items 1 thru 12 is a lump sum fee of \$92,600 plus reimbursable expenses. Reimbursable expenses includes FedEx charges, mileage, plan reproduction costs, and will be billed at cost plus 10% markup and are estimated at \$3,000. Work which may be indicated by the discovery of unanticipated conditions in the field or revisions to the site plans instigated by others will be performed, only upon your authorization in writing in advance, in accordance with our current standard fee schedule. Current standard hourly rates are subject to change as current year expires. The estimated fee noted above is valid for 90 (ninety) calendar days after which time a review by SWI will be required.

8.0 STANDARD SWI TERMS AND CONDITIONS

Attached hereto and incorporated by the reference are the **SWI Standard Terms and Conditions**, which shall govern this agreement.

9.0 SERVICES NOT INCLUDED

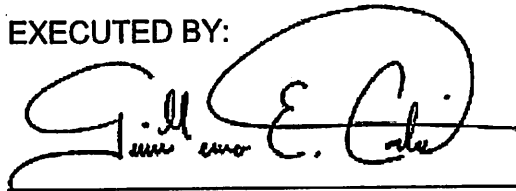
Traffic Impact Analysis (TIA), natural resource projection plan, cultural resource study, geotechnical investigations, environmental studies, archeological studies, architectural services, or any other work outside of the scope of the concept plan and not specifically identified in Section 3.0, Scope of Services.

This Proposal/Agreement, and the attached **Terms and Conditions**, contains the entire agreement between the parties, and supersedes all other agreements, either oral or written. No representations or warranties shall be valid or binding unless contained herein.

The signature below constitutes Shephard - Wesnitzer Inc.'s intention to be bound under the terms of this Proposal/Agreement, including the attached **Terms and Conditions**. The Client may accept by signing and returning to Shephard - Wesnitzer, Inc.

Any change to the **Terms and Conditions** of this Proposal/Agreement, or the tender of any contract documents in place of this Proposal/Agreement shall not be valid unless made in writing, dated and signed by all the parties.

EXECUTED BY:



Shephard-Wesnitzer, Inc.

June 1, 2018
Date

The foregoing AGREEMENT with its attached **Terms and Conditions** has been proposed by Shephard - Wesnitzer, Inc. and has been read, is understood, and is hereby accepted.

EXECUTED BY:

Clients Authorized Representative

_____, 2018
Date

Typed or Printed Name

Title

TERMS AND CONDITIONS

The captions of the sections herein are intended for convenience of reference only and shall not be used to interpret the content of each section.

1. **PROJECT INFORMATION**
 - 1.1 In preparation of its Proposal, SWI has relied on certain information and documentation supplied by CLIENT or CLIENT's agents as being accurate, and CLIENT agrees that SWI has a right to rely on the said information or documentation.
 - 1.2 CLIENT affirms that CLIENT has provided all documents, maps and other information in CLIENT's possession, relating to past, present and proposed future use of THE SITE and its surrounding area, to SWI before execution of this Agreement by SWI.
 - 1.3 CLIENT confirms that the content of all documents, maps and other information which CLIENT has provided to SWI before SWI's execution of this Agreement is correctly addressed in the Scope of Services part of this Agreement.
 - 1.4 CLIENT will designate in writing those persons, organizations or agencies to be contacted in the event conditions are revealed during the execution of SWI's services that would require possible alteration of the services hereunder.
2. **WARRANTY**

SWI warrants their services are performed, within the limits prescribed by this Agreement, with the usual thoroughness and competence of the professions practicing these services in the same or similar locality of THE SITE at the time of this Agreement. No other warranty or representation, either expressed or implied, is included or intended under this Agreement.
3. **SAFETY**

SWI will perform work under safe conditions. CLIENT may be charged additionally for safety or security measures required by dangerous job conditions, encountered during SWI's performance of the required services that could not be anticipated by review of the information available at the time the Agreement was executed.
4. **INSURANCE**
 - 4.1 SWI will maintain the following insurance and amounts: Workman's Compensation, statutory limits; General Liability, \$1,000,000; Professional Liability, \$1,000,000.
 - 4.2 No insurance, of whatever kind or type which may be carried by SWI, is to be considered in any way limiting the responsibility of others for damages resulting from their operations or for furnishing work and materials ON THE SITE.
5. **LIMITS OF LIABILITY**

For any damage, cost, expenses, or other liability, direct or indirect, resulting from any error, omission, or professional negligence in the performance of SWI's services, the liability of SWI, its employees, agents, officers, and consultants to all claimants with respect to THE PROJECT will be limited to an aggregate sum not to exceed \$50,000 or SWI's total fee for the services rendered on THE PROJECT, whichever is greater.
6. **NOTIFICATION OF DEFECTS IN SERVICE**

CLIENT, CLIENT's personnel, and CLIENT's contractors and subcontractors shall promptly report in writing to SWI any defects or suspected defects in SWI's work or services, in order that SWI may take prompt, effective measures which in SWI's opinion will minimize the consequences of a defect in service.
7. **INDEPENDENT CONTRACTOR STATUS**

CLIENT confirms that SWI is employed as an independent contractor to perform the services required under this Agreement. SWI shall be free to exercise its discretion and independent judgment as to the methods and means of performance of these services, consistent with all other requirements of this Agreement.
8. **OWNERSHIP AND DISPOSITION OF DOCUMENTS**
 - 8.1 CLIENT agrees that all documents, calculations, studies, plans, maps, models, photographs, drawings, computer printouts, field notes, samples, logs, specimens, laboratory test data, and other products generated in the performance of services rendered under this agreement constitute work for hire and are and shall remain the property of the SWI.
 - 8.2 SWI agrees that, during the performance of this Agreement, and thereafter it will not disclose to any persons, other than the CLIENT, CLIENT's authorized representatives, and those persons, organizations or agencies specifically designated in writing by CLIENT, any information pertaining to this Agreement or services rendered by SWI pursuant to this agreement except as follows:
 - 8.3 In response to a valid subpoena or requirement under the law; however, SWI shall notify CLIENT upon receipt of the subpoena or other mandate in order to give CLIENT time to protect the confidentiality of the materials sought; and
 - 8.2.2 Under circumstances where, in SWI's professional judgment, the performance of the duties under this agreement discloses a serious threat to the public health, safety of welfare, and the CLIENT after being notified of the threat refuses to, or does not take appropriate action within a reasonable time, then SWI has a professional obligation to notify the appropriate Regulatory Agency of the specific nature of the public threat.
9. **DELIVERY OF ELECTRONIC FILES**

In accepting and utilizing any drawings, reports and data on any form of electronic media generated and furnished by the Consultant, the Client agrees that all such electronic files are instruments of service of the Consultant, who shall be deemed the author, and shall retain all common law, statutory law and other rights, without limitation, including copyrights.

The Client agrees not to reuse these electronic files, in whole or in part, for any purpose other than for the Project. The Client agrees not to transfer these electronic files to others without the prior written consent of the Consultant. The Client further agrees to waive all claims against the Consultant resulting in any way from any unauthorized changes to or reuse of the electronic files for any other project by anyone other than the Consultant.

The Client and the Consultant agree that any electronic files furnished by either party shall conform to the specifications listed in Exhibit A. Any changes to the electronic specifications by either the Client or the Consultant are subject to review and acceptance by the other party. If the Consultant is required to expend additional effort to incorporate changes to the electronic file specifications made by the Client, these efforts shall be compensated for as Additional Services.

Electronic files furnished by either party shall be subject to an acceptance period of seven (7) days during which the receiving party agrees to perform appropriate acceptance tests. The party furnishing the electronic files shall correct any discrepancies or errors detected and reported within the acceptance period. After the acceptance period, the electronic files shall be deemed to be

14. LITIGATION BETWEEN AGREEMENT PARTIES
In the event of litigation or arbitration between the parties to this Agreement, all reasonable costs and attorney's fees to enforce this Agreement incurred by the prevailing party shall be reimbursed by the non-prevailing party.

SWI and its subcontractors shall comply with all existing applicable laws and regulations under this Agreement; however, laws or ordinances enacted after the signing of this Agreement may increase SWI's cost of performing services included in this Agreement by requiring modifications or additions to SWI's work, facilities or equipment. CLIENT shall reimburse SWI for such increased cost.

15. SUBPOENAS
CLIENT is responsible, after notification, for payment of time and expenses resulting from SWI's required response to subpoenas issued in conjunction with SWI's work. Compensation will be based on schedules in effect at the time the subpoena is served.

16. COMPLIANCE WITH LAWS
SWI and its subcontractors shall comply with all existing applicable laws and regulations under this Agreement; however, laws or ordinances enacted after the signing of this Agreement may increase SWI's cost of performing services included in this Agreement by requiring modifications or additions to SWI's work, facilities or equipment. CLIENT shall reimburse SWI for such increased cost.

17. INDEMNITY
CLIENT and SWI do hereby indemnify and hold each other harmless from damage to property of whatsoever kind and nature, and injury to persons, including death, occasioned by the negligent or willful acts, errors or omissions of the indemnifying party, arising out of, or in any way connected to this Agreement.

18. NOTIFICATION OF HAZARDOUS SUBSTANCES
CLIENT hereby warrants that, if it knows or has any reason to assume or suspect that hazardous substances may exist at THE SITE, CLIENT has so informed SWI.

19. DISCOVERY OF UNANTICIPATED HAZARDOUS SUBSTANCES
SWI and CLIENT agree that the discovery of unanticipated hazardous substances constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. SWI agrees to notify CLIENT as soon as practically possible should unanticipated hazardous substances or suspected hazardous substances be encountered. SWI is hereby authorized to take such emergency measures, if any, that are necessary in SWI's professional opinion to immediately protect the health, safety and welfare of the public and SWI's personnel, and/or the environment and CLIENT agrees to compensate SWI for such emergency work. Thereafter, CLIENT and SWI will negotiate to change the scope of services hereunder to include said emergency work. In addition, CLIENT waives any claim against SWI, and agrees to indemnify, defend and hold SWI harmless from any claim or liability for injury or loss arising from SWI's encountering unanticipated hazardous substances or suspected hazardous substances. CLIENT also agrees to compensate SWI for any time spent and expenses incurred by SWI in defense of any such claim, with such compensation to be based upon SWI's prevailing fee schedule and expense reimbursement policy.

12. SITE ENTRY
CLIENT will furnish right of entry onto THE SITE for SWI to make the necessary field studies.

13. MEDIATION
In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the Client and the Consultant agree that all disputes between them arising out of or relating to this Agreement or the Project shall be submitted to nonbinding mediation unless the parties mutually agree otherwise.

20. PAYMENT
CLIENT shall pay SWI in full for all services under the Agreement and executed written Change Orders, irrespective of any claim by CLIENT to third parties for compensation for additional work conducted by SWI. Any such claim shall in no respect delay payment of fees for services performed by SWI. Standard hourly rates are subject to change as current year expires.

accepted and neither party shall have any obligation to correct errors or maintain electronic files.

The Client is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the Consultant and electronic files, the signed or sealed hard-copy construction documents shall govern.

In addition, the Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its officers, directors, employees and sub-consultants (collectively, Consultant) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from any changes made by anyone other than the Consultant or from any use of the electronic files without the prior written consent of the Consultant.

Under no circumstances shall delivery of electronic files for use by the Client be deemed a sale by the Consultant, and the Consultant makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the Consultant be liable for indirect or consequential damages as a result of the Client's use or reuse of the electronic files.

10. ACTS OR OMISSIONS OF OTHERS
SWI shall not be responsible for acts or omissions of any other party or parties involved in planning or designing of any project(s) for construction on THE SITE or the failure of any contractor or subcontractor to construct any item on THE SITE in accordance with recommendations contained in any issued by SWI. SWI, by the performance of services hereunder, does not in any way assume, abridge or derogate any of those duties, responsibilities or authorities vested in project architects, design engineers, or any other design agencies or authorities.

11. RELIANCE ON PUBLIC RECORDS OR OTHER NON-SWI REPORTS AND DATA
Unless otherwise described in "SCOPE OF SERVICES", SWI accepts no responsibility for the correctness or accuracy of data or conclusions contained in public records, reports or other documents which were not published by SWI, but which are discovered by SWI in performance of the services required by this Agreement. CLIENT waives any claim against SWI, and agrees to defend, indemnify and hold SWI harmless from any claim or liability for injury or loss allegedly arising from errors, omissions or inaccuracies in such public records or in such other reports or documents.

12. SITE ENTRY
CLIENT will furnish right of entry onto THE SITE for SWI to make the necessary field studies.

13. MEDIATION
In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the Client and the Consultant agree that all disputes between them arising out of or relating to this Agreement or the Project shall be submitted to nonbinding mediation unless the parties mutually agree otherwise.

The Client and the Consultant further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the Project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with their subcontractors, sub-consultants, suppliers and fabricators, thereby providing for mediation as the primary method for dispute resolution between the parties to all those agreements.

21. TERMINATION

- 21.1 This Agreement may be terminated by either party giving not less than ten (10) days written notice to the other party specifying a substantial failure to perform in accordance with the terms of the Agreement through no fault of the terminating party, provided that the terminating party is in full compliance with the Agreement at the time of the notice of termination.
- 21.2 Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice.
- 21.3 In the event of termination for any reason prior to completion of all reports contemplated by the Agreement, SWI reserves the right to complete such analyses and records as are necessary to place their files in order and, where considered necessary by them to protect their professional reputation, to complete a report on the services performed to date.

22. TERMINATION CHARGES

- 22.1 If this Agreement is terminated and the termination is due to substantial failure of CLIENT to perform in accordance with the Agreement through no fault of SWI, CLIENT shall pay SWI for services performed to the termination date plus termination charges.
- 22.2 Termination charges shall include personnel and equipment rescheduling and/or reassignment adjustments and all other related costs that are directly attributable to termination. At the option of SWI an additional termination charge, not to exceed thirty percent (30%) of all charges incurred up to the date of termination may be made to cover the cost of completing analyses, records and reports in accordance with 21.3 of these Terms and Conditions.

23. SUSPENSION OF SERVICES

- 23.1 CLIENT may, upon ten (10) days written notice, suspend further performance by SWI at any time.
- 23.2 If CLIENT's payment of statements is delinquent, SWI may, upon ten (10) days written notice, suspend further performance until such payment is restored to a current basis.
- 23.3 At the option of SWI, suspension for any reason exceeding thirty (30) days shall make this Agreement subject to termination or renegotiation.
- 23.4 All suspensions shall extend this Agreement's completion date commensurately.
- 23.5 In the event of suspension of services for any reason prior to completion of all reports contemplated by the Agreement, SWI reserves the right to complete such analyses and records as are necessary to place their files in order and, where considered necessary by them to protect their professional reputation, to complete a report on the services performed to date.

24. SUSPENSION CHARGES

- 24.1 If SWI's performance is suspended for any reason, CLIENT shall pay SWI for services performed to the suspension notice date plus suspension charges.
- 24.2 Suspension charges shall include personnel and equipment rescheduling and/or reassignment adjustments, all other related costs indirectly attributable to suspension, and charges for completing analyses, records and reports in accordance with 21.5 of these Terms and Conditions.

25. DELAYS

- 25.1 Delays resulting from acts of God or from factors beyond the reasonable control of the parties, or from the action or inaction of

CLIENT shall extend this Agreement completion date commensurately.

- 25.2 CLIENT shall pay SWI for services performed to the delay commencement date plus delay charges. Delay charges shall include personnel and equipment rescheduling and/or reassignment adjustments and all other related costs indirectly attributable to such delays.

26. ASSIGNS

Neither CLIENT nor SWI may delegate, assign or transfer his duties or interest in this Agreement without the written consent of the other party.

27. BETTERMENT

If, due to SWI's error, any required item or component of the PROJECT is omitted from SWI's construction documents, SWI shall not be responsible for paying the cost to add such item or component to the extent that such item or component would have been otherwise necessary to the PROJECT or otherwise adds value or betterment to the PROJECT. In no event shall SWI be responsible for any cost or expense that provides betterment, upgrade or enhancement of the PROJECT.

28. CONSTRUCTION OBSERVATION

- 28.1 SWI shall visit the site at intervals appropriate to the stage of construction, or as otherwise agreed to in writing by the Client and SWI, in order to observe the progress and quality of the Work completed by the Contractor. Such visits and observation are not intended to be an exhaustive check or a detailed inspection of the Contractor's work but rather are to allow SWI, as an experienced professional, to become generally familiar with the Work in progress and to determine, in general, if the Work is proceeding in accordance with the Contract Documents.

Based on this general observation, SWI shall keep the Client informed about the progress of the Work and shall endeavor to guard the Client against deficiencies in the Work.

If the Client desires more extensive project observation or full-time project representation, the Client shall request that such services be provided by SWI as Additional Services in accordance with the terms of this Agreement.

SWI shall not supervise, direct or have control over the Contractor's work nor have any responsibility for the construction means, methods, techniques, sequences or procedures selected neither by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work. These rights and responsibilities are solely those of the Contractor in accordance with the Contract Documents.

SWI shall not be responsible for any acts or omissions of the Contractor, subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. SWI does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

- 28.2 SWI shall not be responsible for as-built certifications requested by the CLIENT, regulatory agencies or other third parties unless SWI has conducted the as-built field surveys and has conducted adequate construction observation services to certify to the accuracy and quality of the construction.

SHEPHARD-WESNITZER, INC. - 2017 HOURLY RATES

STANDARD RATE SCHEDULE

E-5	ENGINEER 5	\$175/HOUR
E-4	ENGINEER 4	\$160/HOUR
E-3	ENGINEER 3	\$140/HOUR
E-2	ENGINEER 2	\$125/HOUR
E-1	ENGINEER 1	\$110/HOUR
EIT-4	ENGINEER IN TRAINING	\$110/HOUR
EIT-3	ENGINEER IN TRAINING	\$100/HOUR
EIT-2	ENGINEER IN TRAINING	\$95/HOUR
EIT-1	ENGINEER IN TRAINING	\$90/HOUR
CADD-4	CADD DESIGNER.....	\$105/HOUR
CADD-3	CADD DESIGNER.....	\$95/HOUR
CADD-2	CADD DESIGNER.....	\$80/HOUR
CADD-1	CADD DESIGNER.....	\$60/HOUR
CAD-4	CAD DRAFTER	\$80/HOUR
CAD-3	CAD DRAFTER	\$70/HOUR
CAD-2	CAD DRAFTER	\$60/HOUR
CAD-1	CAD DRAFTER	\$50/HOUR
A-1	CLERICAL	\$65/HOUR
RLS	REGISTERED LAND SURVEYOR, PROJECT MANAGER	\$135/HOUR
RLSPC	REGISTERED LAND SURVEYOR, PARTY CHIEF	\$115/HOUR
LSIT	LAND SURVEYOR IN TRAINING, PARTY CHIEF	\$85/HOUR
NRL	NON-REGISTERED LAND SURVEYOR, PARTY CHIEF	\$95/HOUR
T-4	CONSTRUCTION INSPECTION TECHNICIAN	\$105/HOUR
T-3	PROJECTCOORDINATOR.....	\$90/HOUR
INT -1	INTERN	\$50/HOUR
	MARKETING DIRECTOR	\$64/HOUR
	GIS COORDINATOR	\$95/HOUR
	INSTRUMENT PERSON.....	\$60/HOUR
	GPS RECEIVER.....	\$30/HOUR PER RECEIVER
	ROBOTIC TOTAL STATION.....	\$25/HOUR
	ARCHIVE FILE RESEARCH.....	\$60/HOUR, 1 HOUR MINIMUM

Outside Services.....COST + 10%

PRINTS

BOND	\$2.75EACH
VELLUMS	\$5.00EACH
MYLAR	\$6.00EACH

PLOTS

BOND	\$5.00EACH
VELLUM	\$10.00EACH
MYLAR	\$10.00EACH
COLOR PLOTS/BOND.....	\$15.00EACH
XEROX	\$.09EACH
CD'S	\$5.00EACH

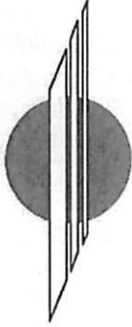
MILEAGE \$0.65 PER MILE

For any and all services related to litigation or other legal proceedings two times our Standard rates

WORK OUTSIDE NORMAL BUSINESS HOURS WILL BE CHARGED AT 1½ TIMES HOURLY RATE. PAYMENT IS DUE UPON RECEIPT OF MONTHLY BILLINGS AND INVOICES ARE DELINQUENT THIRTY (30) DAYS AFTER DATE OF INVOICE. WORK IN PROGRESS WILL BE BILLED MONTHLY FOR PORTIONS COMPLETED AND UPON JOB COMPLETION FOR FINAL BALANCE. IF PAYMENTS ARE NOT MADE IN FULL PRIOR TO DELINQUENCY, THE CLIENT AGREES TO PAY INTEREST ON THE UNPAID AMOUNT AT THE RATE OF 2% PER MONTH FROM DELINQUENCY DATE. ALL PAYMENTS RECEIVED

**EXHIBIT A
SHEPHARD-WESNITZER, INC.
ELECTRONIC FILE SPECIFICATIONS**

FILE TYPE	FILE FORMAT
Text Document	Microsoft Office Word 2010
Spreadsheet	Microsoft Office Excel 2010
Database	Microsoft Office Access 2010
Project Scheduling	Microsoft Office Project 2003
Meeting Notification	Microsoft Office Outlook 2010
Presentations 2010	Microsoft Office PowerPoint
Drawing Files V8i	AutoCad 2012 or Microstation
Geographic Information Systems 2012	ESRI ArcInfo or AutoCad Map
Storm Drain Analysis	Bentley StormCAD
Water System Analysis	Bentley WaterCAD
Sewer System Analysis	Bentley SewerCAD
Culvert Analysis	Bentley CulvertMaster
Open Channel Analysis	Bentley FlowMaster
Pond Routing Analysis	Bentley PondPack



**CARUSO
TURLEY
SCOTT**
structural
engineers

STRUCTURAL
ENGINEERING
EXPERTS

PARTNERS

Richard Turley, SE
Paul Scott, SE, PE
Sandra Herd, SE, PE, LEED AP
Chris Atkinson, SE, PE, LEED AP
Thomas Morris, SE, PE, LEED AP
Richard Dahlmann, SE, PE
Troy Turley, SE, PE, LEED AP
Brady Nolbohm, SE, PE

PROFESSIONAL
REGISTRATION

50 States
Washington D.C.
U.S. Virgin Islands
Puerto Rico
Guam

June 6, 2018

Mr. Enrique Maciá
CGL COMPANIES
5200 Blue Lagoon Drive, Suite 430
Miami, FL
T: 786.409.7004
E: emacia@cglcompanies.com

CLIENT INFORMATION:
CLIENT PROJECT NO.
PROJECT MANAGER
OTHER

RE: **Flagstaff Courthouse New Building**
101 W. Cherry Ave.
Flagstaff, AZ
CTS Job No.:

Dear Mr. Maciá:

This will confirm our fee to provide structural engineering and drafting services as required for the design of this new 40,000 SF courthouse with structural scope as follows:

- 40,000 SF, 2 to 3 story, with no basement
- Programming includes courtrooms (jury and non-jury), hearing rooms, judicial chambers, jury assembly, administrative and staff offices, security screening, conference and training rooms, court enforcement unit interview rooms, prison holding and staging areas, supply spaces.
- Anticipated steel or concrete construction
- 6 to 7 month design phase duration through CD's and 9 month construction schedule
- One submittal package including shell and TI
- Design Build delivery with Kinney Construction
- \$15 M budget including land
- 3 design meetings in Flagstaff are included, remainder to be held via conference call
- 3 site visits during construction are included
- LEED Silver certification or Green Globes
- Construction Administration includes preparation of electronic as-builts
- Drawings will be prepared in REVIT.
- If basement is added within the 40,000 SF, or as additional square footage, additional fees will be requested
- Reimbursables for mileage and deliveries is included in the fee. No submittal printing is included, as electronic submittals are anticipated. Doesn't include parking below grade

Our **Basic Services** will be billed at a Fixed Fee as follows:

Phase:	Fee:
Schematic Design (includes one Flagstaff meeting):	\$8,400.00
Design Development (includes one Flagstaff meeting):	\$20,900.00
Construction Documents (includes one Flagstaff meeting):	\$36,000.00
Permitting:	\$1,600.00
In House Construction Administration:	CA not included \$13,100.00
On-Site Construction Administration (3 visits):	\$3,600.00
Total:	\$83,600.00
Additional site visits or meetings in Flagstaff:	\$1,200 per meeting or visit including reimbursables

Basic Services will include structural calculations, preparation of REVIT structural plans and details per the noted scope, and construction administration. Construction administration services include shop drawing review and responding to RFI type clarifications. Redesign and field repair engineering would be considered outside the scope of basic services. If the project entails multiple bid packages, phasing, or nonstandard foundations, the above budget shall be adjusted accordingly.

Reimbursable Expenses for mileage and deliveries are included in this fee.

1215 W. Rio Salado Pkwy.
Suite 200
Tempe, AZ 85281
T: (480) 774-1700
F: (480) 774-1701
www.ctsaz.com



In rendering professional services Caruso Turley Scott (CTS) shall apply the skill and care ordinarily exercised by structural engineers at the time and place the services are rendered. Schedules and timely available information from the architect, owner and other design consultants contribute to the completeness of the structural drawings. As such, all projects should carry a contingency for potential coordination and value added items. It is recommended that final bids not be taken until city review comments and coordination comments have been incorporated. If documents are bid prior to city and coordination comments, the owner assumes the risk for associated additional costs. Client agrees that the liability of CTS, its agents and employees, in connection with services hereunder to the Client and to all persons having contractual relationships with them, resulting from any negligent acts, errors, and/or omissions of CTS, its agents, and/or employees is limited to the total fees actually paid by the Client to CTS for services rendered by CTS hereunder. As a consultant we shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work, since these are solely the Contractor's rights and responsibilities.

At the commencement of engineering services, a "Preliminary Notification" may be forwarded to the property owner and/or tenant. The "Preliminary Notification" is not a lien, but state law requires the distribution of a "Preliminary Notification" issued at the commencement of engineering services to maintain the option of filing a lien for nonpayment of engineering services at a future date. This "preliminary notification" is customary and routine in the construction industry and informs the recipient of their legal rights and obligations. Payments for Services as described above shall be made upon the presentation of the Engineer's invoice based on time expended. Interest at 1.5% per month, compounded monthly, will be paid on all invoices after 30 days from billing date. In the event any portion of an account remains unpaid 90 days after billing, the Client shall pay cost of collection, including reasonable attorney fees. In the event that any portion of the account remains unpaid 30 days after billing, this office may, without waiving any claim or right, and without liability whatsoever to the Client, suspend or terminate the performance of all services. If this contract meets with your approval, please sign, date and e-mail (bkelly@ctsaz.com) back to our office for authorization to proceed.

Respectfully Submitted By:
CARUSO TURLEY SCOTT INC.

Accepted By:
CGL COMPANIES

Sandra J. Herd, SE, PE, LEED AP
Partner | Project Manager

Name: _____
Title: _____
Date: _____



June 6, 2018

Rick Maciá
CGL Companies
5200 Blue Lagoon Drive, Suite 430
Miami, Florida 33126
P: 786.409.7004 C: 305.322.1423

**Re: City Court Facility - City of Flagstaff, Arizona
(ESD P18-189R1)**

Dear Rick:

Thank you for this opportunity to offer our mechanical, plumbing, and electrical engineering services for a new City Court Building through the design-build delivery method with Kinney Construction Services/CGL Companies. We understand ESD is to work directly for CGL Companies. The project description and scope of services is in accordance with the Project Definition and Scope of Services within the RFQ (RSOQ # 2018-63, Project No. 03-18007) prepared by the City of Flagstaff in March of 2018 and our phone conversation on May 31.

A. PROJECT DEFINITION:

1. Building Description:

- a. The project consists of a new 30,000 to 40,000 square foot City Court Building for the City of Flagstaff and associated site improvements and parking. The building will contain the following elements:
 - (1) Courtrooms (jury and non-jury),
 - (2) Hearing rooms,
 - (3) Judicial chambers,
 - (4) Jury assembly and deliberation space,
 - (5) Court administration offices,
 - (6) Supporting staff offices,
 - (7) Security screening,
 - (8) Customer service transaction area,
 - (9) Lobby,
 - (10) Conference room,
 - (11) Training room,
 - (12) Court enforcement unit with interview rooms,
 - (13) Prisoner holding and staging areas,
 - (14) Supporting spaces such as
 - Mail/copy room,
 - Janitorial closet,
 - IT/telephone closet,
 - Mechanical room,
 - Public and staff toilets.
 - (15) Well-defined office space for the prosecution division of the City Attorney's Office.

2. On-grade parking. Stall amount to be determined.

3. The City of Flagstaff's total capital budget estimate for this project is currently \$16 M, of which approximately \$15M is available for construction.
4. This project is to be a LEED® Silver Certified minimum. or Green Globes

B. BASIS FOR PROPOSAL

1. The project will use a design-build delivery system. ESD will contract with CGL Companies who will in-turn contract with Kinney Construction Services, Inc. (KCS).
2. Building sanitary and rainwater drain piping, and natural gas and domestic water piping shall extend to a point approximately 5'-0" outside the building. Continuation of that piping, on the site, is not the responsibility of ESD.
3. All existing utilities serving the site are presumed adequate for the new building(s) (e.g. no booster pumps are required, etc.)
4. ESD has no obligation to prepare estimates of probable construction costs.
5. The design and installation of security, data, telephone and audio-visual systems is the responsibility of others. ESD is responsible only for designs related to accommodations for these systems (no wiring) – i.e. empty conduits, outlet boxes, power, based on device locations and related input being furnished to ESD. Low voltage design by CGL
6. There will be no food preparation, so no kitchen hoods are included in the design.
7. The design phase and construction documents completion dates are TBD.
8. The Architect will furnish to ESD surveys of existing utilities at the site.
9. ESD has not included any work related to relocation of existing on-site facilities, nor the demolition of existing installations on the site.
10. The Architect will furnish to ESD all special lighting design input, including related controls and specifications.
11. ESD will provide preliminary coordination with APS for early design parameters and service. KCS has the responsibility for final coordination with the electric power, telephone and natural gas utility companies, and will provide required design input to ESD.
12. The Architect will furnish all necessary electronic drawing (CADD) files as required for ESD to complete its design and preparation of mechanical, electrical and plumbing drawings and specifications. Typically, drawing files required by ESD include but are not limited to floor plans, elevations, reflected ceiling plans, and building sections. All electronic drawing files provided to ESD shall be in a format that is readily usable by ESD without extensive modifications. ESD will furnish information regarding its CADD standards, layering conventions, etc.
13. Design documents for critical locations shall be prepared in REVIT format (Version 200) which shall be issued for coordination on "major" items of equipment and installations. Construction Documents will be prepared in AutoCAD format.
14. There is no requirement to prepare demolition drawings.

C. SYSTEMS DESCRIPTIONS

1. Mechanical
 - a. Building Systems
 - (1) VRF Split System

- Variable Refrigerant Flow Air-cooled DX heat-pump systems with multiple indoor fan-coil units and remote condensing units, interconnecting refrigerant piping, and complete air distribution; with energy recovery units for outside air introduction.
 - b. Computer Room Environmental Units if required for data IDF rooms.
 - c. Heating boiler for outside air system.
 - d. Exhaust ventilation systems for toilet rooms as required.
 - e. Mechanical equipment room refrigerant leak detection and ventilation system where required.
 - f. Metering for Measurement and Verification per LEED® requirements.
 - g. Controls
 - Energy management and control system, with communication between all system components, and with Operator Work Station, standard and project specific software, programming, graphics, and all required controllers, etc. Specific features to be confirmed in discussions with the Owner/system operator.
2. Plumbing
- a. Sanitary waste and vent piping system(s).
 - b. Roof rainwater drainage piping system.
 - c. Domestic water distribution piping system.
 - d. Domestic water heating equipment consisting of electric water heaters for restrooms coffee bars and other tenant needs.
 - e. Metering for Measurement and Verification per LEED® requirements including water, gas and solar hot water.
 - f. Plumbing fixtures and water coolers.
3. Fire Protection
- a. Performance specification for automatic fire sprinkler system(s) throughout the building which will include design criteria requirements for design by contractor, and submittal requirements. ESD drawings will indicate locations for sprinkler riser, standpipes, and other specific system design features.
4. Electrical
- a. Service entrance and metering, and electrical power distribution throughout the site originating at the secondary terminals of the transformer(s) which are provided by the utility company.
 - b. Metering for Measurement and Verification per LEED® requirements including in gear metering, panels, plug loads, lighting loads and mechanical loads.
 - c. Complete building lighting and power systems for general purpose outlets, and accommodations for equipment.
 - d. Complete building lighting systems, including emergency lighting and control, with non-building standard lighting design input provided by your office.
 - e. Site lighting including parking lot walkways/hardscape, on-building and signage.

- f. Site security lighting with photometric evaluations for selected fixtures.
- g. Power accommodations for IDF room and any Owner-furnished equipment.
- h. Power quality (i.e. non-linear loading K-rated transformers, TVSS) features as defined by the City of Flagstaff.
- i. Power for fire alarm control panel. All fire alarm design is by others.
- j. Empty conduit and provisions (power, junction boxes, panels, etc.) for telephone, security, data, MCTV, paging, and audio-visual systems. System equipment and cabling is the responsibility of other than ESD. by CGL
- k. Accommodations only for data and telephone system installations, consisting of conduits into the main telephone room from a point 5'-0" outside of the building, to local distribution rooms, and from distribution rooms into ceiling space (no cabling). Owner will provide site conduit bank definitions for inclusion in ESD site plan.
- l. Special grounding as required for the telecommunications systems.
- m. SES and main conduit pathway for turnkey design and installation of photovoltaic solar at roof and parking canopies.

D. SCOPE OF SERVICES

- 1. General
 - a. Compliance with current interpretation of applicable codes during the project design phase.
 - b. Coordinate with you and other design team members.
- 2. Programming & Concept Plan Refinements
 - a. Participate in development of Preliminary LEED® Score Card.
 - b. Participate in Design Builder Estimate Support And VE Participation.
- 3. Schematic Design
 - a. Provide MP&E (System Narratives, Major Equipment Locations on Plan, ID APS Power Needs).
 - b. Assist with Dry Utilities - Site Power and Telecom Diverse Feed Concepts.
 - c. Provide MP&E Basis of Design Narrative.
 - d. Provide VRF and 100% OA Unit Evaluations.
 - e. One team meeting is included.

4. Design Development
 - a. Develop Specifications
 - b. Develop Special Systems design to Schematic Level.
 - c. Refine MP&E Basis of Design Narrative.
 - d. Participate in LEED® Score Card Update.
 - e. Preliminary Energy Model.
 - f. One team meeting is included.
5. Construction Documents
 - a. Specifications – Push Balance of Specs to 100%, Owner Participates In Edits of Controls sequences.
 - b. Finalize Energy Model.
 - c. Participate in LEED® Score Card Update.
 - d. Prepare MPE sections of Design Phase LEED® Submittal.
 - e. Final coordination with other design team members.
 - f. Prepare 95% Construction Document package for coordination and Owner's review.
 - g. Complete construction documents consisting of drawings and specifications for submission to the Building Department and for bidding, including compliance documentation for energy codes, etc. Documents shall have professional engineers' seals.
6. Construction Phase ← CA not included
 - a. Make scheduled periodic visits to the site of the construction to observe the progress of the work, and its compliance with the Contract Documents. The result of all site visits shall be documented in observation reports. We have allowed for 4 man-visits by mechanical/plumbing, 4 man-visits by electrical engineer including a final punchlist walk. This totals to 8 man-visits. These visits will be scheduled as appropriate to the phase of the work and as pre-agreed upon by the Design Builder and Owner with field observation reports.
 - b. RFIs, submittals, LEED® documentation support alongside Design Builder's Project Engineer.
 - c. No O&M review.
 - d. MPE punch list development & management (Bluebeam encouraged).
 - e. Review requested submittals and shop drawings, including fire protection system design drawings, for general conformance to the Contract Documents.
 - f. In-office activities related to communication with contractors, responding to proposal requests, requests for information, etc.
 - g. Incorporate contractor markups ("Record Drawings") of the completed work into Contract Document drawings, and issue record drawings.

Note: ESD has no responsibility relative to the accuracy or thoroughness of the contractor mark-ups. ESD can perform activities to confirm the accuracy of the record drawing contractor markups for an additional services fee.

E. BASIC SERVICES FEES

1. Schematic Design Phase	\$ 50,000
2. Design Development Phase	\$ 85,000
3. Construction Document Phase	\$ 85,000
4. Construction Phase	\$ 30,000
TOTAL	\$ 250,000

F. LEED® SERVICES

or Green Globes

1. Energy Modeling/Analysis	\$ 15,000
2. Templating/Required Submittal Information	\$ 5,000
TOTAL	\$ 20,000

3. Additional site visits during construction with field reports are to be billed at \$1,800 per visit plus \$150 trip charge for a total of \$1,950 per visit.
4. Expenses
 - a. The following expenses are included in the above fees: In-house coordination reproduction, and reproduction to facilitate design coordination with out-of-house members of the design team (i.e. architect, structural and civil engineers).
 - b. All other costs are reimbursable at the rates outlined in the Additional Services section below.

G. ADDITIONAL SERVICES

1. ESD will submit a written description of all work with an estimated fee, which is not specifically defined as a part of Scope of Services, including requested revisions to work which has previously been completed. These additional services will be performed only after ESD has received written authorization from you to proceed with this work as defined.
2. The following items are considered as additional services:
 - a. Survey of existing conditions (as-measured investigation).
 - b. Analysis and/or design of alternate systems, after initial evaluation has been completed, and designs of selected systems have been commenced.
 - c. Application and presentation of variances to the Building Department.
 - d. Review of prior approvals during the Bidding Phase, to determine if alternate equipment is equal to specified items.
 - e. Estimates of probable construction costs.
 - f. Work related to demolition or modification of existing installations at the site.
 - g. Revisions and/or redesign to work which has already been completed (in the Construction Document phase).
 - h. Revisions in scope of work, as previously defined.
 - i. "Value Engineering", involving the evaluation of alternative materials and methods of construction.
 - j. Studies.
 - k. Evaluation and response to design review by another owner's consultant.

- l. Additional meetings, beyond which is previously stated.
 - m. Exterior on-site plumbing and fire protection utility systems (from a point approximately 5'-0" outside the building) including the following:
 - (1) Storm water drainage and provisions for on-site retention.
 - (2) Sanitary sewer.
 - (3) Domestic water.
 - (4) Landscape irrigation.
 - (5) Fire protection water and fire hydrants.
 - (6) Natural gas.
 - n. On-site storm water retention pumping system, and related electrical power (even if within the building).
 - o. Any other systems, features and services not specifically defined in the preceding "Systems Descriptions" and "Scope of Services" sections.
 - p. Additional site visits and involvement during the construction phase, due to extension of duration of construction, beyond which is previously stated.
 - q. Redesign to reduce construction costs, unless otherwise agreed to in writing.
 - r. Instruction of owner and operating personnel after or during the construction phase.
 - s. Preparation of operating and maintenance manuals.
 - t. Preparation of record drawings with associated CAD costs.
 - u. Systems commissioning – performance verification.
 - v. "Fast Track" multiple construction document package approach.
 - w. Street Lighting.
 - x. If extensive modifications by ESD are required to reconfigure required electronic drawing files into a format that is usable by ESD, such work will be considered additional services and billed on an hourly basis. *(Note: extensive drawing file modifications may result in delay of project schedule.)*
3. Where the fee arrangement is based upon an hourly basis, or extra work is required due to a change in project scope, the hourly rates shall be those that prevail at the time services are rendered. Current calendar year rates for this agreement are as follows:

CA services will be part of GMP

HOURLY RATES

Sr. Principal Engineer	\$ 260.00/hour
Principal Engineer	\$ 200.00/hour
Sr. Project Engineer	\$ 180.00/hour
Project Engineer	\$ 160.00/hour
Designer III	\$ 140.00/hour
Designer II	\$ 105.00/hour
Designer I	\$ 90.00/hour
Testing/Balancing Technician	\$ 85.00/hour
Administrative	\$ 85.00/hour

Printing, deliveries, subcontractor fees, and other reimbursable expense will be billed at cost plus 15%

Plotting Charges	\$ 1.00 per sf
Mileage	\$.50 per mile
Edited CAD Disks	\$25.00 per sheet

H. CONDITIONS OF AGREEMENT

Note: A purchase order (only) is not acceptable. The Owner/Client must sign an agreement for professional services with ESD, with specifically defined scope of services, and terms of payment, etc.

1. General

- a. ESD does not, either by entering into this Agreement or otherwise, make any warranty, either express or implied, as to any findings, recommendations, evaluations, assessments, observations, plans, specifications, pre-qualification efforts, performance verifications, or advice of ESD or to inspections, if any, performed by ESD. As to ESD, there are no warranties, express or implied, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or system integration, except as may be separately agreed by ESD in writing, for any services provided pursuant to this Agreement. The Owner/Client shall be solely responsible for the use, efficiency, and suitability of such services, as ESD shall have no liability therefore. Owner/Client further acknowledges that Owner/Client has worked collaboratively with ESD concerning ESD's provision of services pursuant to this agreement and has been active in all decisions concerning such services.
- b. For projects involving multiple design phases, it is mandatory that the Owner/Client provide a formal written approval of each phase and the authorization to proceed to the next phase, before ESD will proceed. This written approval signifies that the represented design approaches are appropriate, and that the related construction costs are within their budget.
- c. The Owner/Client shall provide a construction budget, and an explanation of the construction cost control process shall be provided to ESD at the beginning of the project's design phase so as to avoid any necessity for redesign.
- d. It is mandatory that all Owner/Client and design team members be responsible for their respective obligation relative to furnishing required input to ESD in a timely manner, so as to enable ESD to comply with project milestone completion dates. A project activity schedule with milestone dates shall be developed with input and agreement from ESD and all other team members at the beginning of the design phase(s) to establish responsibilities of all participants.
- e. ESD will endeavor to meet the defined design phase milestone dates, however because factors beyond ESD's control may affect ESD's work process, ESD makes no warranty that the design phase services will be completed on the defined milestone dates nor that the construction work will commence as originally scheduled.
- f. You will furnish a copy of any "prime" agreements/contracts (i.e. Owner/ Architect, Owner/Contractor).
- g. ESD's services will represent the care and skill ordinarily used by members of ESD's profession, when practicing under similar conditions, at that time, and in the same geographic locality, which is stated as the "Standard of Care".

- h. ESD's responsibilities are only as specifically hereinbefore defined and stated, and are not undefined "expectations" of the Owner and/or Architect.
- i. When the plans and specifications of this project are delivered to the Owner upon completion of work, the Owner agrees to hold harmless, indemnify and defend the design professional against all damages, claims and losses, including defense costs arising out of the reuse of the plans and specifications, without the written authorization of ESD. ESD agrees to be responsible for our own or our employee's negligent acts, errors or omissions.
- j. ESD agrees that its use of electronic drawings files, furnished by the Architect, shall be limited to design and preparation of mechanical, electrical, and plumbing drawings for this project and that the files will not be used for any other purposes.
- k. All drawings, specifications, and other work produced for this project are instruments of services for this project only, and shall remain the property of Energy Systems Design, Inc.
- l. ESD shall be furnished with one complete set of documents for each project phase, within 5 days after they have been submitted to you.
- m. Sealed original reproducible drawings are the contract documents, and instruments of services for this project.
- n. ESD's Electronic files shall not be edited by other than ESD. You agree to indemnify and hold harmless ESD for any subsequent use and/or modification of electronic files, for other than the original intent, as indicated on the sealed original reproducible drawings.
- o. Other General Terms:

Attorneys' Fees. In the event suit is brought (or arbitration instituted) or an attorney is retained by any party to this Agreement to enforce the terms of this Agreement or to collect any money due hereunder, or to collect money damages for breach hereof, the prevailing party shall be entitled to recover, in addition to any other remedy, reimbursement for reasonable attorneys' fees, court costs, costs of investigation and other related expenses incurred in connection therewith.

Notices. Any notice to any party under this Agreement shall be in writing and shall be effective on the earlier of (i) the date when received by such party, or (ii) the date which is three (3) days after mailing (postage prepaid) by certified or registered mail, return receipt requested, to the address of such party set forth herein, or to such other address as shall have previously been specified in writing by such party to all parties hereto.

Governing Law. This Agreement shall be deemed to be made under and shall be construed in accordance with and shall be governed by the laws of the State of Arizona and (subject to any provision in this Agreement providing for mandatory arbitration) to enforce any provision of this Agreement or to obtain any remedy with respect hereto may be brought in Superior Court, Maricopa County, Arizona, and for this purpose each party hereby expressly and irrevocably consents to the jurisdiction of said court.

Construction of Agreement. The language in all parts of this Agreement shall in all cases be construed as a whole according to its fair meaning and not strictly for nor against any party. The neuter gender includes the masculine and feminine. It is mutually agreed that in the event any term, covenant or condition herein contained is held to be invalid or void by any court of competent jurisdiction, the invalidity of any

such term, covenant or condition shall in no way affect any other term, covenant or condition herein contained.

Captions. Captions and paragraph headings used herein are for convenience only and are not a part of this Agreement and shall not be deemed to limit or alter any provisions hereof and shall not be deemed relevant in construing this Agreement.

Severability. If any provision of this Agreement is declared void or unenforceable, such provision shall be deemed severed from this Agreement; and the remaining portions of the Agreement shall remain in full force and effect.

Additional Acts and Documents. Each party hereto agrees to do all such things and take all such actions and to make, execute and deliver such other documents and instruments as shall be reasonably requested to carry out the provisions, intent and purpose of this Agreement.

Authority. Each of the parties hereto represents and warrants to each other party hereto that this Agreement has been duly authorized by all necessary action and that this Agreement constitutes and will constitute a binding obligation of each such party.

Integration Clause; Oral Modification. This Agreement represents the entire agreement of the parties with respect to the subject matter hereof, and all agreements entered into prior hereto are revoked and superseded by this Agreement, and no representations, warranties, inducements or oral agreements have been made by any of the parties except as expressly set forth herein, or in other contemporaneous written agreements. This Agreement may not be changed, modified or rescinded except in writing signed by all parties hereto, and any attempt at oral modifications of this Agreement shall be void and of no effect.

Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors in interest and assigns, but in no event shall any party be relieved of its obligations hereunder without the express written consent of each other party.

I. INSURANCE AND RISK ALLOCATION

1. General Risk Insurance: ESD agrees to maintain insurance as will protect CGL Companies from claims under the Worker's Compensation Laws and from General Liability claims for bodily injury, or death, or property damage which may arise from the negligent performance by its employees in the functions and services required under this Agreement.
2. Standard of Care: ESD will provide in connection with the services contemplated herein the standards of care, skill and diligence normally provided by a professional engineer in the performance of the same or similar services. In the event ESD fails to provide such standards of care, skill and diligence, ESD will correct any such deficient services. In no event shall ESD have any liability for other damages including those as outlined below. ESD shall not be responsible for the methods, acts or omissions of CGL Companies personnel, nor for construction means, methods or safety precautions in connection with the work.
3. Professional Liability Insurance: ESD agrees to maintain Professional Liability Insurance to protect CGL Companies from ESD's negligent acts, errors or omissions of a professional nature.
4. The Client and ESD mutually agree, to the fullest extent permitted by law, to indemnify and hold each other (and each other's employees, agents, consultants, and anyone whose acts may be attributable to them) harmless against any and all damages, liabilities, injuries, claims, or costs, including reasonable attorneys' fees and defense costs, arising from their

own negligent acts in the performance of their services under this Agreement, but only to the extent that each party is found responsible for such damages, liabilities and costs on a comparative basis of fault by a court or arbitrator of competent jurisdiction.

5. In recognition of the relative risks, rewards and benefits of the project to both the Client and ESD, the risks have been allocated such that the Client agrees that, to the fullest extent permitted by law, ESD's total liability to the Client for any and all injuries, claims, losses, expenses, damages or claim expenses, including any attorneys' fees, costs, expert witness fees and costs, and other costs of defense arising out of this Agreement from any cause or causes, shall not exceed ESD's fee or \$1,000,000, whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

I. PAYMENT TERMS AND CONDITIONS

1. Invoices will be submitted to you monthly so that you may readily relate our charges to the work performed. If you have any questions regarding an invoice or services rendered, please contact our office. If you do not comment within 10 days of invoice date, we will assume that you have received the invoice and found it acceptable.
2. Accounts past due will incur a finance charge of 1.5% per month (18% APR). All payments received will be applied first to interest with the balance applied to the outstanding invoice amount. Any costs incurred for collection including reasonable attorneys' fees, shall be borne by you.
3. Payment shall be received by ESD within 30 days after the invoice date.

J. TERMINATION OF AGREEMENT

1. If the project is abandoned by the Architect because of the Owner's abandonment of the project for more than 90 consecutive days, ESD may terminate this Agreement by giving written notice.
2. This Agreement may be terminated by either party upon not less than seven (7) days written notice, should the other part fail substantially to perform in accordance with the terms of this Agreement.

Please sign below, indicating your agreement to the statements and conditions of this proposal, and return a copy to ESD.

Sincerely,

Energy Systems Design, Inc.
Mo Ardebili, PE, LEED® AP
CEO | Founder

ACCEPTED:

For: _____
By: _____
Title: _____
Date: _____



Not Applicable to this contract.

EXHIBIT C – PERFORMANCE STANDARDS REQUIREMENTS

EXHIBIT D – MONTHLY ANTICIPATED ADVERSE WEATHER DAYS

The Contractor will be entitled to a Contract Time extension if the actual adverse weather Days experienced during the Work exceed the anticipated adverse weather Days shown in Table 108.7. Table 108.7 as follows is the monthly schedule of adverse weather Days that shall be anticipated by the Contractor in scheduling the Work:

TABLE 108.7 – MONTHLY ANTICIPATED ADVERSE WEATHER CALENDAR DAYS

MONTH	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
MONTHLY ANTICIPATED ADVERSE WEATHER CALENDAR DAYS	7 days	7 days	8 days	6 days	4 days	3 days
AVERAGE MONTHLY PRECIPITATION	1.98"	1.96"	2.05"	1.84"	0.68"	0.51"
MONTHLY DAILY HIGH TEMPERATURE ≤32° F	5 days	3 days	2 days	0 days	0 days	0 days
MONTH	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
MONTHLY ANTICIPATED ADVERSE WEATHER CALENDAR DAYS	12 day	11 days	7 days	5 days	5 days	6 days
AVERAGE MONTHLY PRECIPITATION	2.78"	2.68"	1.82"	1.52"	1.49"	1.90"
MONTHLY DAILY HIGH TEMPERATURE ≤ 32° F	0 days	0 days	0 days	0 days	1 day	5 days

The above schedule of anticipated adverse weather days establishes the base line for the project's monthly weather impacts, based on historical records, as recorded by the National Weather Service at Pulliam Airport, for precipitation in excess of 0.01 inch and daily high temperatures below 32° Fahrenheit.



AMENDMENT ONE

City of Flagstaff Court Facility
Design-Build Contract

Construction Services Phase – GMP 1

Project No. 03-18007
Contract No. 2018-63

This First Amendment ("Amendment") to the fully executed Design-Build Services Contract No. 2018-63 dated 7/17/18 (the "Agreement") for the City of Flagstaff Court Facility (the "Project") is made and entered into this 1ST day of APRIL, 2019, by and between the City of Flagstaff, an Arizona municipal corporation with offices at 211 West Aspen Avenue, Flagstaff, Arizona 86001, and Kinney Construction Services, Inc., an Arizona corporation with offices at 121 E. Birch Avenue, Flagstaff, Arizona 86001.

The parties to the Agreement for City of Flagstaff Court Facility project, the City of Flagstaff and Kinney Construction Service, Inc., hereby agree to the following amendment; all other provisions of the Agreement shall remain unchanged in full force and effect. New text is underlined.

ARTICLE 5 – CONTRACT PRICE

5.3 – GMP

Design-Builder's GMP 1 for the construction phase services for the Phase 1 portion of (Demolition) work of the Project shall be **one million, five hundred eighteen thousand, one hundred and seventy-five dollars (\$1,518,175.00)**. The GMP shall be for the complete performance of Phase 1 portion of work in accordance with the Contract Documents and exhibits listed below, which are part of this Amendment, and which shall be incorporated into the Agreement by this First Amendment as if fully set forth therein.

EXHIBIT A – GMP 1 Summary Sheet, dated 2/11/19, 3 page(s).

EXHIBIT B – Basis of GMP 1 (Allowances, Assumptions and Clarifications on which the GMP is based), dated 2/11/19, 6 page(s).

EXHIBIT C – Enumeration of Drawings and Specifications, including Addenda, if any, on which the GMP is based, 1 page(s).

EXHIBIT D – Baseline Project Schedule, 1 page(s).

The total Contract Price under the Agreement, as amended by this Amendment, shall be **three million, one hundred eleven thousand, eight hundred and three dollars (\$3,111,803.00)**.

ARTICLE 6 – CHANGES TO CONTRACT PRICE AND TIME

The Scheduled Date of Completion of the work for the City of Flagstaff Court Facility project under this First Amendment is an additional 148 calendar days from the Notice to Proceed with a substantial completion date of 8/27/2019.

IN WITNESS WHEREOF, the parties have caused this Amendment to be executed by their duly authorized representatives as of the date first written above. This Amendment will be in full force and effect only when it has been approved and executed by the duly authorized City officials.

(Please sign in blue ink. Submit original signatures – photocopies not accepted)

City of Flagstaff

Kinney Construction Services, Inc.

By: 

By: 

Barbara Goodrich, City Manager

Title: PRESIDENT

Dated: 3/29/19

Dated: 3-28-19

Attest:


City Clerk

Approved as to form:


City Attorney

PROJECT GMP PROPOSAL SUMMARY SHEET
COF Courts - Phase 1 GMP - Exhibit A

ITEM NO.	BUILDING/CONSTRUCTION TYPE		TOTALS
	PROFESSIONAL SERVICES		
1	Professional Services		
2	Reimbursables		
3	Construction Administration (Architect & Engineers)		\$51,782.00
	Total Professional Services		\$51,782.00
	CONSTRUCTION		
4	Cost of Construction		\$1,031,605.00
5	Design-Builder's Contingency	5.00%	\$54,169.00
	Indirect Costs	Rate	
6	General Conditions	12.50%	\$142,190.00
7	Payment & Performance Bond	1.50%	\$19,196.00
8	Insurance	1.21%	\$15,587.00
9	Construction Fee	7.00%	\$92,017.00
10	Sales Taxes	5.82%	\$81,861.00
	Total Construction Cost		\$1,436,625.00
11	Owner's Contingency (2%)		\$29,768.00
	Grand Total (Construction & Professional Services)		\$1,518,175.00

Dated: 02.11.2019

**COF Courts GMP 1 Estimate 021119
Building Detail**

DESCRIPTION	QUANTITY (UNITS)	UNIT	UNIT COST	TOTAL
DEMOLITION & ABATEMENT - CHERRY ST				\$136,210.00
Building Abatement	1.00	ls	\$33,400.00	\$33,400.00
Building Demolition	1.00	ls	\$59,400.00	\$59,400.00
Private Utility Locating	16.00	hrs	\$220.00	\$3,520.00
Electrical Make-safe	40.00	hrs	\$75.00	\$3,000.00
Mechanical Make-safe	24.00	hrs	\$75.00	\$1,800.00
Plumbing Make-safe	40.00	hrs	\$75.00	\$3,000.00
Misc salvage prior to demolition	24.00	hrs	\$35.00	\$840.00
Additional demo of concrete footings/caissons	1.00	ls	\$15,000.00	\$15,000.00
Traffic Control	1.00	ls	\$6,200.00	\$6,200.00
Temp fencing	1.00	ls	\$6,500.00	\$6,500.00
Remove and salvage light fixtures at street	5.00	ea	\$350.00	\$1,750.00
Remove and salvage signage at street	10.00	ea	\$80.00	\$800.00
DEMOLITION & ABATEMENT - BEAVER ST				\$174,680.00
Building Abatement	1.00	ls	\$54,100.00	\$54,100.00
Building Demolition	1.00	ls	\$77,200.00	\$77,200.00
Private Utility Locating	16.00	hrs	\$220.00	\$3,520.00
Electrical Make-safe	40.00	hrs	\$75.00	\$3,000.00
Mechanical Make-safe	24.00	hrs	\$75.00	\$1,800.00
Plumbing Make-safe	40.00	hrs	\$75.00	\$3,000.00
Misc salvage prior to demolition	24.00	hrs	\$35.00	\$840.00
Additional demo of concrete footings	1.00	ls	\$25,000.00	\$25,000.00
Traffic Control	1.00	ls	\$1,500.00	\$1,500.00
Temp fencing	1.00	ls	\$4,700.00	\$4,700.00

**COF Courts GMP 1 Estimate 021119
Building Detail**

DESCRIPTION	QUANTITY (UNITS)	UNIT	UNIT COST	TOTAL
SITWORK - PHASE 1 ONLY - CHERRY ST SITE				\$721,735.00
<i>Sitework Demo & SWPPP</i>				
SWPPP (construction entrance, wattles, and washout)	1.00	ls	\$8,893.00	\$8,893.00
ADEQ NOI	1.00	ls	\$500.00	\$500.00
Mobilization	1.00	ls	\$8,384.00	\$8,384.00
Survey	1.00	ls	\$10,000.00	\$10,000.00
Street Cleaning & Clean-up	13.00	wks	\$729.31	\$9,481.00
Demo Asphalt, Concrete Sidewalk and Curb for utility work	1.00	ls	\$16,104.08	\$16,104.08
Demo Existing UG utilities (Gas & Electrical)	190.00	lf	\$17.45	\$3,315.50
<i>Utilities</i>				
Private utility locating & potholing	8.00	hrs	\$389.00	\$3,112.00
Water Service - 2" with tapping sleeve	65.00	lf	\$59.65	\$3,877.00
Fire Line - 8" with tapping sleeve & riser	63.00	lf	\$336.64	\$21,208.62
Remote FDC Assembly, riser, & 4" Line	24.00	lf	\$302.46	\$7,258.92
Hydrant Assembly including bollards	1.00	ls	\$7,341.00	\$7,341.00
Backflow Assembly & Hot Box - does not include irrigation	1.00	ea	\$7,480.00	\$7,480.00
Cap & Abandon Existing Services	2.00	ea	\$1,732.00	\$3,464.00
Sleeves for Irrigation	300.00	lf	\$15.00	\$4,500.00
Sewer Service	20.00	lf	\$73.00	\$1,460.00
Gas Service - trenching and backfill only	80.00	lf	\$20.00	\$1,600.00
Relocate OH Electrical to UG - primary	1.00	ls	\$200,000.00	\$200,000.00
Electrical UG Conduits - secondary	290.00	lf	\$45.00	\$13,050.00
Concrete Equip Pad	2.00	ea	\$900.00	\$1,800.00
Fiber Conduits - includes road crossings & borings - not included	0.00	ls	\$0.00	\$0.00
<i>Earthwork & Grading</i>				
Grading & Excavation	1850.00	sv	\$1.81	\$3,348.50
Import of Soils for Backfill	1481.00	cy	\$52.56	\$77,841.36
Finde Grade & Subgrade Prep for Hardscape - Offsite only	1.00	ls	\$21,561.22	\$21,561.22
Rock-excavation Allowance	1.00	ls	\$50,000.00	\$50,000.00
Temporary Water - Construction Water	1.00	ls	\$4,423.00	\$4,423.00
Geo Piers	1.00	ls	\$125,000.00	\$125,000.00
Haul-off Geo-pier Spoils	1.00	ls	\$12,922.00	\$12,922.00
<i>Off-Site Concrete & Asphalt</i>				
Sidewalks (Pavers) - salvage existing and reinstall	2852.00	sf	\$10.00	\$28,520.00
Tree wells & Ribbon Curb - existing & protect	8.00	ea	\$175.00	\$1,400.00
Tree wells & Ribbon Curb - new	4.00	ea	\$950.00	\$3,800.00
Concrete Driveways	375.00	sf	\$25.00	\$9,375.00
Curb & Gutter	83.00	lf	\$58.00	\$4,814.00
Concrete Sidewalks	2400.00	sf	\$8.00	\$19,200.00
Asphalt Patching at Street	152.00	sv	\$85.00	\$12,920.00
Striping & Paint Curb	1.00	ls	\$13,781.00	\$13,781.00
GENERAL CONDITIONS & REQUIREMENTS				\$142,190.00
Project Director (part time)	104.00	hr	\$ 142.00	\$ 14,768.00
Project Manager (part time)	208.00	hr	\$ 120.00	\$ 24,960.00
Superintendent (full time)	520.00	hr	\$ 112.00	\$ 58,240.00
Assistant Project Manager (part time)	208.00	hr	\$ 95.00	\$ 19,760.00
Project Accountant	52.00	hr	\$ 96.00	\$ 4,992.00
Plans & Specifications Reproductions (paper)	4.00	sets	\$100.00	\$400.00
Job Site Office (include set-up & 3 months rental) and supplies	1.00	ls	\$5,000.00	\$5,000.00
Temporary Electric - hook-up only (electrical costs by owner)	1.00	ls	\$2,500.00	\$2,500.00
Temporary Sanitary Facilities	3.00	mths	\$180.00	\$540.00
Temp laydown yard across street	3.00	mths	\$1,200.00	\$3,600.00
Safety Requirements , First Aid, & Fes	1.00	ls	\$1,800.00	\$1,800.00
Barricades, Protection, and traffic Control - included in each phase				\$0.00
Project Identification & Signs (Safety & Wayfinding)	1.00	ls	\$1,800.00	\$1,800.00
Testing Laboratory Services & Inspections - by owner				\$0.00
Expendables, Small Tools, & Drinking Water	1.00	ls	\$1,830.00	\$1,830.00
Construction Software/Equipment/Management (Procore)	1.00	ls	\$2,000.00	\$2,000.00
CONSTRUCTION ADMINISTRATION	3.00	mths	\$17,261.00	\$51,782.00

EXHIBIT 'B'
Statement of Clarifications and Assumptions
COF Courts Facility – Phase 1 GMP
02.11.2019

Purpose & Intent

The intent of the qualifications is to provide a supplement scope design and cost control guide. They are included to further the "Team's" understanding of what is included in the scope of this project based on Kinney Construction Services' interpretation of the design intent.

Since cost control is largely the result of scope control, we have clarified and elaborated based on this proposal for areas where systems were incomplete or anticipated to be revised, and where scope was unclear.

Basis of Qualifications

Documents as outlined in Exhibit C – Enumeration of Drawings

General Clarifications

1. Pricing is based on an approximate 15 month total duration starting April 1st, 2019. Phase 1 GMP only includes a portion of this schedule for the scope of work outlined below and in Exhibit A with a duration of 13 weeks total.
2. A payment and performance bond for Kinney Construction Services, Inc. is included.
3. Any costs associated with a building permit or reviews are not included. Permits and fees required by City of Flagstaff (COF) are to be paid for by the owner including all water and sewer impact feeds.
4. All temporary utility consumption costs are assumed to be by the Owner and are therefore not included.
5. Costs for preconstruction and design services are not included as part of this GMP.
6. Material testing and special inspections are not included. COF to procure & provide all special inspections. Contractor to coordinate with COF and 3rd Party Testing representative to schedule required testing and inspection during construction.
7. A (1) one-year warranty from date of substantial completion has been included.
8. All work is intended on being performed during normal business hours, Monday thru Friday.
9. KCS has registered this project with GreenGlobes with the intent of reaching 3 Globes certification. KCS will provide necessary documentation to achieve this certification.
10. All work will abide by MAG specs with COF modifications as required.
11. Construction Administration by CGL and it's consultants will be provided for Phase 1 including RFI response, submittal review, attending meetings via teleconference, and one site visit (if necessary).

General Conditions

- KCS will provide adequate project management, supervision, tools, equipment, waste management containers and temporary construction facilities for the duration of this project.
- A temporary construction office will be provided at the site or adjacent laydown area. KCS intends on leasing the property across the street from FSL for the duration of the project for contractor parking and laydown. No public parking is included.
- All necessary project documentation will be maintained from project start to closeout including paper / electronic copies of all plan iterations, ASIs, submittals, RFIs, weekly reports, meeting minutes, and safety logs. KCS intends on using Procore Construction Management Software as a tool to assist with this documentation management. COF staff will have access to this web-based software as well.
- KCS will provide protection of existing site and necessary traffic and pedestrian signage and control. A temporary chainlink fence with screening will be installed around the entire property including the sidewalks, but will not be installed in the street impeding traffic. Sidewalks will be closed and proper signage will be placed at the nearest adjacent intersection directing pedestrian traffic to open walkways.

Abatement

- Prior to abatement activities, COF staff shall remove all FF&E from building – this is to include any stationary items not fixed to the building such as furniture and shelving.
- KCS will provide necessary ADEQ notices prior to beginning work.
- Asbestos removal will occur in two phases. Abatement of the existing APS buildings - 101 W Cherry (2 buildings) will occur first to make room for the new facility. Once the new facility is built and existing tenants have been moved into new building, abatement of the existing court - 15 N Beaver (1 building) and prosecutor's office - 107 W Aspen (1 building) can occur. GMP #1 includes all necessary costs for a second mobilization for phase 2 demo and abatement activities.
- 107 W Aspen asbestos containing materials - 3,300 sf of drop grid ceiling tiles including asbestos containing debris in and above ceiling area.
- 15 N Beaver asbestos containing materials - 9,900 sf of roofing material including duct sealant at existing RTU's, 5 sf caulking compound in equipment/computer room, 231 sf of drywall texture, 30 fire doors, 1 vault door, 125 sf of FRP mastic, 20 sf of cove base mastic, anchoring mastic from up to 4 mirrors, and 4 sf of window caulking and putty from 4 window units.
- 101 W Cherry (Main Building) asbestos containing materials - 32 fire doors, 200 sf of window base plate including caulking attached to each, and 14,800 sf of mastic under carpet and VFT.
- 101 W Cherry (Annex Building) asbestos containing materials - 8 windows with caulking and glazing, 1,500 sf of roofing, and 8 fire doors.

-
- Abatement scope is based on the following reports and adjacent addendums by Four Corners - 107 W Aspen (1 building), 101 W Cherry (2 buildings), and 15 N Beaver (1 building) per the current consolidated hazardous material reports including addendums prepared by Four Corners Environmental, Inc. dated 12.17.18 - 101 West Cherry Ave, 12.31.18-15 N Beaver, and 12.31.18-107 W Aspen Ave.
 - All quantities listed above are approximate and taken from reports provided to KCS and listed in Exhibit C.
 - No additional material testing has been included.
 - No lead based paint abatement has been included. LBP disposal is included in demolition scope as approved by COF. It is understood that LBP materials meet the TCLP standards and can be properly disposed of at the Cinder Lakes Landfill.
 - No 3rd party monitoring or specification has been included.
 - No underground utility abatement has been included.
 - No additional asbestos removal other than what has been identified within the reports mentioned above.

Demolition

- All materials and equipment necessary to demolish a total of 4 buildings at 3 locations - 107 W Aspen (1 building), 101 W Cherry (2 buildings), and 15 N Beaver (1 building).
- Items to be demolished include but are not limited to the following: exterior walls (concrete and masonry), interior walls including any insulation (concrete, masonry, drywall steel/wood framed), all flooring, concrete slab on grade, cast in place concrete floors/columns/beams, steel columns and beams, ACT and drywall ceilings, electrical/fixtures/conduit/wire/panels/equipment, mechanical fixtures/duct/trim/insulation/roof top units/equipment, plumbing fixtures/pipe/insulation/trim/equipment, roofing materials including all metal fascia trim/gutters/downspouts, brick, stone veneer, interior furniture, interior and exterior glazing and storefronts, doors, door frames, door hardware, accessories, exterior asphalt paving, exterior trees and grates, exterior sidewalk and curb attached to building entrances, exterior escape ladders, sprinkler system, fire alarm system, etc.
- KCS will salvage building signage as directed by owner prior to demolition.
- KCS will salvage light fixtures, tree grates, and pavers as necessary during course of construction for reinstallation along Beaver and Cherry Streets.
- KCS will provide MPE make-safe prior to demolition of existing facilities.
- Includes removal of footings as required to accommodate new construction.
- Includes removal and disposal of all lead-based paint materials. All LBP's to be disposed of at cinder lakes landfill.
- Includes dumpsters and sorting for all metal, concrete, drywall (optional), masonry, asphalt, and stone. This project will be Green Globes certified to receive 3 Green

Globes. Includes weight tickets from waste facility including all other necessary Green Globes sustainability documentation as it relates to this scope of work.

- Existing stone on exterior and interior of buildings will not be salvaged.
- Includes complete haul off from site.
- Includes removal of all parking signage and wheel stops within demo limits.
- Includes all temporary protection necessary in order to protect above ground and underground utilities to remain, light poles, power poles, adjacent buildings and structures to remain, existing adjacent sidewalk and roadways to remain, existing adjacent parking areas to remain, etc.
- Demolition of the existing APS buildings - 101 W Cherry (2 buildings) will occur first to make room for the new facility. Once the new facility is built, demolition of the existing court - 15 N Beaver (1 building) and prosecutor's office - 107 W Aspen (1 building) can be demoed after the existing tenants have moved into the new building. Includes all necessary cost for a second mobilization.
- KCS will provide all dust control as necessary using water during demolition activities.
- Does not include provisions for unforeseen removals.
- Does not include contaminated soil removal.

Sitework

Sitework Demo & SWPPP

- KCS to provide ADEQ NOI and proper SWPPP protection during demolition and sitework at Cherry St site. This includes a construction entrance off of Cherry St. and maintenance during this scope of work. A portion of the site is within the 100-year floodplain limit. KCS will abide by regulations pertaining to this limit including not storing materials or stockpiling materials overnight.
- Construction surveying will be provided to indicate demolition limits, grading limits, building layout for grading, and location of geo-piers.
- KCS will provide street cleaning as necessary during the duration of this scope of work.
- Existing underground utilities for APS and Unisource will be removed once these entities disconnect, cap, and make-safe these areas.

Utilities

- New utilities will be provided for new facility including connection to existing sewer, new 8" fire line, new 2" water assembly, gas service, and electrical service.
- KCS has included necessary traffic control and protection while working in the street for tie-in of these utilities.
- KCS will patch back asphalt, concrete sidewalk, and concrete curb after installation of new utilities.
- A new backflow preventor for the domestic water service will be provided including a hotbox.

-
- A remote fire department connection (FDC) will be provided as shown on plans including a 4" line to riser room.
 - A new fire hydrant assembly will be provided at the SE corner of the building as shown on the plans. KCS has included bollards at this assembly.
 - KCS assumes sewer service will be tied in as show on the plans and a main line tap and work within the street will not be required.
 - KCS has included relocation of the overhead electrical service to underground. This allowance of \$200,000 includes APS fees for new primary service and equipment necessary to place these lines underground.
 - KCS has included 2 equipment pads; one for a new APS transformer and switching cabinet.

Earthwork & Grading

- Once site demolition has occurred, KCS will provide general grading work for new building pad and parking lot.
- KCS has included necessary import of fill material as necessary to establish building pad grades
- KCS has included an allowance of \$50,000 for rock excavation associated with utility trenching and building excavations.
- KCS will provide geo-pier foundations at new building foundation prior to installation of concrete foundations and Phase 2 GMP scope of work.
- All additional spoils from geo-pier installation will be hauled off from site.

Off-site Concrete & Asphalt

- Off-site concrete and asphalt work will be provided as shown on plans including new concrete driveways, curb & gutter, sidewalks, and asphalt patching at street.
- Salvaged pavers will be re-installed at parkway adjacent to Beaver and Cherry Streets to accommodate new work.
- Existing trees and tree wells will be protected during the course of construction. New tree wells including ribbon curb will be provided at parkway as indicated on plans.
- New concrete driveway will be provided off of Cherry St to new parking lot.
- Off-site curb and gutter will be provided at abandoned driveway locations and utility tie-in locations.
- Asphalt patching will be provided at driveway and curb tie-ins along with utility work at street. All asphalt patching will include necessary t-top. It assumes that existing subgrade and base are suitable at existing streets. Remediation of unsuitable soils at street is not included.
- KCS will include new off-site concrete sidewalks at perimeter of new courts facility.
- KCS will provide re-stripping of adjacent off-street parking spaces at new facility including curb markings as necessary. It is assumed that the markings will be epoxy based paint.

Exclusions

- Electrical Power Consumption Costs – KCS has included hook-up of temp power, but the assumption is that the meter will be in COF name and costs for electricity consumption will be by owner.
- 3rd Party Testing – assume costs by owner. KCS to coordinate inspections and providing copies of reports as necessary.
- On-site concrete and asphalt
- Structural concrete
- Parking Lot improvements at existing site
- Landscaping & Irrigation
- Fiber & Conduit Installation
- Gas Service – Unisource will bill COF direct for the actual installation of the UG pipe; KCS to provide trenching and backfill only
- 3rd Party Oversight for Abatement Activities
- Utility Impact Fees

**Exhibit C - Enumeration of Documents
COF Courts - Phase 1 GMP**

Number	Title	Date
	Asbestos & LCP Re-survey - 101 W Cherry	12.17.2018
	Asbestos & LCP Re-survey - 107 W Aspen	12.17.2018
	Asbestos & LCP Re-survey - 15 N Beaver	12.31.2018
	Asbestos Addendum - 101 W Cherry	1.11.2019
	Asbestos Addendum - 107 W Aspen	12.31.2018
	Asbestos Addendum - 15 N Beaver	12.31.2018
<i>*All documents above created by Four Corners Environmental, Inc.</i>		
	Preliminary Drainage Report	2.7.2019
AS-100	Site Plan	2.5.2019
A-111	Floor Plan - Level 1	12.11.2018
A-112	Floor Plan - Level 2	12.11.2018
A-113	Floor Plan - Level 3	12.11.2018
A-131	Roof Plan	12.11.2018
A-211	Perspective Views	2.5.2019
A-221	Elevations - Exterior	2.5.2019
A-222	Elevations - Exterior	2.5.2019
A-223	Elevations - Exterior	2.5.2019
A-224	Elevations - Exterior	2.5.2019
A-310	Schematic Section	2.5.2019
A-501	Exterior Details - Signage Plan	2.5.2019
M-100	Materials	2.5.2019
ES-100	Electrical Site Plan	11.21.2019
ES-200	Lighting Fixture Cut Sheets	11.21.2019
10	Landscape Plan	2.7.2019
11	Landscape Plan	2.7.2019
12	Landscape Plan	2.7.2019
CVR	Cover Sheet	Feb, 2019
SP01	Civil Site Plan	Feb, 2019
GD01	Grading and Drainage	Feb, 2019
<i>*All documents above created by CGL & SWI</i>		



AMENDMENT TWO

City of Flagstaff Court Facility Design-Build Contract

Construction Services Phase – GMP 2

Project No. 03-18007
Contract No. 2018-63

This Second Amendment (“Amendment”) to the fully executed Design-Build Services Contract No. 2018-63 dated 7/17/18 (the “Agreement”) for the City of Flagstaff Court Facility (the “Project”) is made and entered into this 11th day of JUNE, 2019, by and between the City of Flagstaff, an Arizona municipal corporation with offices at 211 West Aspen Avenue, Flagstaff, Arizona 86001, and Kinney Construction Services, Inc., an Arizona corporation with offices at 121 E. Birch Avenue, Flagstaff, Arizona 86001.

The parties to the Agreement for City of Flagstaff Court Facility project, the City of Flagstaff and Kinney Construction Service, Inc., hereby agree to the following amendment; all other provisions of the Agreement shall remain unchanged in full force and effect. New text is underlined.

ARTICLE 5 – CONTRACT PRICE

5.3 – GMP

Design-Builder’s GMP 2 for the construction phase services for the Phase 2 portion of (Construction) work of the Project shall be **fifteen million, five hundred fifty-seven thousand, and ninety-four dollars (\$15,557,094)**. The GMP shall be for the complete performance of Phase 2 portion of work in accordance with the Contract Documents and exhibits listed below, which are part of this Amendment, and which shall be incorporated into the Agreement by this Second Amendment as if fully set forth therein.

EXHIBIT A – GMP 2 Summary Sheet, dated 4/24/2019, 1 page(s).

EXHIBIT B – Basis of GMP 2 (Allowances, Assumptions and Clarifications on which the GMP is based), dated 4/23/19, 9 page(s).

EXHIBIT C – Enumeration of Drawings and Specifications, including Addenda, if any, on which the GMP is based, 5 page(s).

EXHIBIT D – Baseline Project Schedule, 1 page(s).

The total Contract Price under the Agreement, as amended by this Amendment, shall be **eighteen million, six hundred and sixty-eight thousand, eight hundred and ninety-seven dollars (\$18,668,897)**.

ARTICLE 6 – CHANGES TO CONTRACT PRICE AND TIME


The Scheduled Date of Completion of the work for the City of Flagstaff Court Facility project under this First Amendment is an additional 329 calendar days from the Notice to Proceed with a substantial completion date of 7/20/2020.

IN WITNESS WHEREOF, the parties have caused this Amendment to be executed by their duly authorized representatives as of the date first written above. This Amendment will be in full force and effect only when it has been approved and executed by the duly authorized City officials.

(Please sign in blue ink. Submit original signatures – photocopies not accepted)

City of Flagstaff

Kinney Construction Services, Inc.

By: 
- Barbara Goodrich, City Manager

By: 
- MICHAEL THOMAS

Title: PRESIDENT

Dated: 6/14/19

Dated: 6-11-19

Attest:


City Clerk

Approved as to form:

 for
City Attorney

PROJECT GMP PROPOSAL SUMMARY SHEET

COF Courts - Phase 2 GMP - Exhibit A

4/24/2019

ITEM NO.	BUILDING/CONSTRUCTION TYPE		TOTALS
	PROFESSIONAL SERVICES		
1	Professional Services		
2	Reimbursables		
3	Construction Administration (Architect & Engineers)		\$247,130.00
	Total Professional Services		\$247,130.00
	CONSTRUCTION		
4	<i>Cost of Construction</i>		
5	Concrete		\$565,394.00
6	Masonry		\$2,042,717.00
7	Steel Structure & Fabrications		\$1,193,740.00
8	Millwork & Misc Blocking		\$525,000.00
9	Roofing, Insulation, & Joint Sealants		\$456,499.00
10	Doors, Windows, & Glazing		\$698,913.00
11	Finishes (Flooring, Paint, Stucco, Gypsum Assemblies, & ACT)		\$1,930,500.00
12	Specialties (Signage, Appliances, Restroom Accessories, & Flagpoles)		\$189,000.00
13	Furniture & Window Coverings		\$150,000.00
14	Elevators		\$337,840.00
15	Fire Suppression & Alarm		\$195,000.00
16	Plumbing		\$363,000.00
17	Mechanical		\$1,200,000.00
18	Electrical		\$1,092,000.00
19	Low Voltage Systems		\$500,000.00
20	Exterior Improvements & Remaining Sitework		\$88,000.00
21	Landscaping & Irrigation		\$30,000.00
	Subtotal of Construction & Professional Services		\$11,804,733.00
22	Design-Builder's Contingency	4.00%	\$472,189.00
	Indirect Costs	Rate	
23	General Conditions	7.87%	\$966,768.00
24	Payment & Performance Bond	1.50%	\$198,655.00
25	Insurance	1.20%	\$161,308.00
26	Construction Fee	7.00%	\$952,256.00
27	Sales Taxes	5.82%	\$847,154.00
	Total Construction & Professional Services Cost - GMP 2		\$15,403,063.00
28	Owner's Contingency (1%)		\$154,031.00
	Grand Total (w/ owner contingney)		\$15,557,094.00

EXHIBIT 'B'
Statement of Clarifications and Assumptions
COF Courts Facility – Phase 2 GMP
4.23.2019

Purpose & Intent

The intent of the qualifications is to provide a supplement scope design and cost control guide. They are included to further the "Teams" understanding of what is included in the scope of this project based on Kinney Construction Services' interpretation of the design intent.

Since cost control is largely the result of scope control, we have clarified and elaborated based on this proposal for areas where systems were incomplete or anticipated to be revised, and where scope was unclear.

Basis of Qualifications

Documents as outlined in Exhibit C – Enumeration of Drawings

General Clarifications

1. Pricing is based on an approximate 15 month total duration starting April 1st, 2019. Phase 2 GMP only includes a portion of this schedule for the scope of work outlined below and in Exhibit A with a duration of 41 weeks total.
2. A payment and performance bond for Kinney Construction Services, Inc. is included.
3. Any costs associated with a building permit or reviews are not included. Permits and fees required by City of Flagstaff (COF) are to be paid for by the owner including all water and sewer impact feeds.
4. All temporary utility consumption costs are assumed to be by the Owner and are therefore not included.
5. Costs for preconstruction and design services are not included as part of this GMP.
6. Material testing and special inspections are not included. COF to procure & provide all special inspections. Contractor to coordinate with COF and 3rd Party Testing representative to schedule required testing and inspection during construction.
7. A (1) one-year warranty from date of substantial completion has been included.
8. All work is intended on being performed during normal business hours, Monday thru Friday.
9. KCS has registered this project with GreenGlobes with the intent of reaching 3 Globes certification. KCS will provide necessary documentation to achieve this certification.
10. All work will abide by MAG specs with COF modifications as required.
11. KCS reserves the right to work with CGL, it's consultants, and city staff to amend drawings and specifications as necessary in order to meet budgetary constraints.

General Conditions

- KCS will provide adequate project management, supervision, tools, equipment, waste management containers and temporary construction facilities for the duration of this project.
- A temporary construction office will be provided at the site or adjacent laydown area. KCS intends on leasing the property across the street from FSL for the duration of the project for contractor parking and laydown.
- All necessary project documentation will be maintained from project start to closeout including paper / electronic copies of all plan iterations, ASIs, submittals, RFIs, weekly reports, meeting minutes, and safety logs. KCS intends on using Procore Construction Management Software as a tool to assist with this documentation management. COF staff will have access to this web-based software as well.
- KCS will provide protection of existing site and necessary traffic and pedestrian signage and control. A temporary chainlink fence with screening will be installed around the entire property including the sidewalks, but will not be installed in the street impeding traffic. Sidewalks will be closed and proper signage will be placed at the nearest adjacent intersection directing pedestrian traffic to open walkways.

Foundations, Structural Concrete, & Miscellaneous Concrete

- All materials and equipment necessary to construct the concrete footings, concrete stem walls, concrete slab on grade, concrete over steel decking, concrete stairs and landings, concrete ramps, vapor barrier, and all concrete reinforcing.
- All materials and equipment to construct concrete interior stair pans and landings.
- Includes elevator pits and associated waterproofing.
- Includes vapor barrier below slab on grade including termite pre-treat.
- Includes all backfill and excavation including subgrade prep and ABC.
- Includes all miscellaneous bolts and anchors including all form work.
- Includes all equipment pads.
- Does not include colored concrete, concrete stamping, or concrete banding.
- Does not include concrete slurry or hard digging.
- Does not include winter protection.
- Excludes shoring of any kind.
- Excludes below grade foundation wall waterproofing other than for the elevator pits.

Structural Steel

- All materials and equipment necessary to construct all structural steel and miscellaneous steel including all anchor bolts, templates, embeds, wide flanges beams, interior stairs and railing, stair riser perforated metal and stair nosings, steel joists, steel decking, elevator hoist beams, elevator pit ladders, exterior roof access ladder, concrete ramp and stair rails, miscellaneous roof framing for penetrations, trash enclosure gates, cross bracing, pipe bollards, and roof screen wall.
- Includes steel shop drawings and detailing.
- Includes all sally port steel including canopy.
- Includes all dumpster enclosure gates.
- All steel to be coated with one coat of shop primer.
- All steel railing to be standard steel railing to be painted. No stainless steel railing has been included.
- Interior stair railing to include standard steel guardrail and hand rail. No specialty mesh or trim pieces have been included.
- Roof screen wall to be standard screen wall no special trim has been included.
- Standard MAG type concrete filled, top mounded, painted bollards have been included.

Structural Masonry & Brick/Stone Veneer

- All materials and equipment necessary to install all modular brick and brick veneer including all grout and associated attachments.
- All materials and equipment necessary to install all stone veneer including all grout and associated attachments. Stone to be Sedona Red Sandstone and sourced locally.
- All materials and equipment necessary to install all structural CMU shaft walls and exterior CMU site walls.
- Includes standard ladder wire instead of heavy duty specified wire.
- Includes all steel rebar reinforcing associated with this work.
- Includes all precast stone caps at secure parking pilasters.
- Includes all drypacking at structural steel.
- Includes mortar trap at base and shelf angles instead of full wall mortarvent CW.
- Includes lighter colored brick at all building exterior banding instead of cast stone. Lintels and sills to be cast stone.
- Includes all caulking of masonry joints where called out on the plans.
- Includes all exterior enclosure brick and stone sealer.
- Excludes cold weather protection.
- Arched brick pattern at windows to be formed using standard bricks, not specialty brick forms.
- Interview room walls have been included as framed drywall walls not as CMU.
- Excludes any anti-graffiti coating.

Metal Stud Framing, Drywall, & Exterior Sheathing

- All materials and equipment necessary to install all interior and exterior metal stud framing, drywall, and dens glass sheathing.
- Cold formed metal steel studs includes all 16 ga. framing at exterior walls, 18 ga. framing at parapet soffits and furring, and 20 ga. framing at all interior walls and ceilings. Includes all framing at openings as required.
- Includes all masonry wall and steel column furring and drywall.
- Includes standard bridging at all exterior. No cross bracing or strapping included.
- Includes all in-wall blocking and backing for surface mounted accessories and monitors.
- Includes all drywall suspended ceilings and soffits.
- Cornices and soffits have been simplified in order to reduce framing.
- Includes all 5/8" type X gypsum interior drywall throughout and moisture resistant drywall at all wet walls.
- Includes 5/8" dens glass sheathing at all exterior framing.
- Includes moisture resistant gyp board at walls behind ceramic wall tile.
- All materials and equipment necessary to install all exterior dense glass sheathing.
- Includes ballistic board in court rooms where shown on plans and 3/4" non-rated CDX plywood at security walls, 5C walls, and security ceilings.
- Assumes square corner bead throughout.
- Assumes top and bottom sound caulking at sound walls and top and bottom fire caulking at 1 hr rated fire walls.
- Assumes that interior finish in public areas is to be level 4 and back of house areas to be level 3 or fire taped.
- Includes all control joints in walls at runs longer than 30 feet. Locations to be determined by architect.

Interior & Exterior Insulation, Roofing, Joint Sealants, & Moisture Barrier

- All materials and equipment necessary to install all interior and exterior in-wall insulation. Includes R-19 unfaced batt insulation at exterior walls and R-11 unfaced batt insulation at interior walls as noted on the drawings.
- All materials and equipment necessary to install all exterior rigid insulation and roll on exterior wall moisture barrier as noted on the drawings.
- All materials and equipment necessary to install all single ply roofing system; final manufacturer to be determined.
- Includes all roof drains and tie-ins.
- Includes all roof parapet caps and walk pads.
- Includes all joint sealants including masonry control joints, exterior concrete building joints.
- Includes all fire stopping for all MEP trades.

Millwork

- All materials and equipment necessary to construct the interior millwork and trim.
- Includes all courtroom millwork and trim including wood framed walls and platforms. Courtroom wood framing and plywood included as non-engineered.
- Includes all plastic laminate upper and lower cabinetry and solid surface counter tops.
- Includes courtroom seal and finished wood steps up to judges platform.
- Includes simplification of the courtroom millwork scope and details.
- Includes all acoustic panels in courtrooms, surface mounted to drywall finished surface. No recessed niches or specialty trim have been included.
- Includes FRP at janitor's closets.
- All materials and equipment necessary to construct the courtroom pews and benches.
- Benches and pews included as straight back, open end, veneer maple finish with a plywood core.
- Millwork areas include the following: custody courtroom, mail/copy room, public counters, collection and queuing, public terminals counter, staff breakrooms, security room, lobby security screening, service area, standard courtroom, prosecutor counter, hearing room, interview rooms, trim at courtroom doorways, and public restrooms.
- All plastic laminate cabinet interior to be white melamine over particle board. Moisture resistant particle board not included.

Storefront & Glazing

- All materials and equipment necessary to construct the exterior storefront and glazing systems including all storefront style punch windows. Includes exterior entrance into the lobby and interior lobby storefront system at the first and second floor.
- All materials and equipment necessary to construct the interior storefront and glass openings including doors. Areas include the following: collection and queuing, interview rooms, prosecutor, and public counters. Includes all polycarbonate glass.
- Includes all door glass lites. No fire glass has been included.
- Interior vestibule has not been included.

Stucco

- All materials and equipment necessary to construct the exterior stucco/EIFS flat infill panels including cornices.
- Includes all substrate materials for stucco/EIFS assembly. Includes all lath, moisture barrier, and rigid insulation.
- Includes a base coat and fine sand integral color finish coat.
- Includes all moisture drainage trim as necessary.
- Includes all cornice framing and foam pieces; includes simplification of stucco cornice.

Painting

- All materials and equipment necessary to furnish and install all interior & exterior paint.
- Includes paint at all drywall surfaces including walls, soffits, and ceilings.
- Includes paint at all hollow metal doors and door frames.
- Includes paint at exterior hollow metal door frames and doors.
- Includes paint at exterior metal handrail, canopy, gates, and roof screen wall.
- Includes stair well stringers, stair pans, stair guardrail, and stair handrail.
- Includes one prime coat and 2 finish coats.
- All materials and equipment necessary to furnish and install all exterior brick and stone clear waterproofing sealer.
- Includes paint at exterior soffits.

Flooring & ACT Ceilings

- All materials and equipment necessary to furnish and install all carpet, ceramic floor and wall tile, stained and sealed concrete.
- Includes all rubber cove base and rubber carpet transitions.
- Includes all tile base and Schluter metal door way transitions.
- Assumes epoxy grout for all ceramic tile.
- Includes walk-off mat.
- Includes all nosings and accessories for adjacent different flooring materials.
- All materials and equipment to furnish and install all grid ceilings.
- Includes heavy duty suspension system.
- Includes simplification of Act ceiling systems to create similar intent with standard products.

Doors & Hardware

- All materials and equipment necessary to furnish and install all doors, frames, and hardware.
- Includes all wood factory pre-finished rotary white birch doors with a finished top edge.
- Includes all hollow metal frames and doors. All hollow metal frames to be 16 ga. and hollow metal heavy duty doors to be 16 ga. & standard hollow metal doors to be 18 ga.
- Includes all door hardware including electrified hardware. Includes standard selection of finishes.
- Cores to be Best cores and are included.
- Includes all detention-grade doors, frames and hardware. Final grade to be determined.
- Includes all detention security glass.
- Includes accommodations for all access control.
- Includes all sally port roll up doors and associated hardware.

Conveying Systems

- All materials and equipment necessary to furnish and install 3 machine room-less elevators of the following sizes: 3,500 lb inmate, 2,500 lb staff, and 4,000 lb public.

Mechanical

- All materials and equipment necessary to furnish and install all HVAC roof top units, interior equipment, ducting, insulation, mini split air conditioners, insulated flex runs, copper refrigerant lines, condensate piping, fire and smoke dampers, diffusers and louvers, and HVAC trim.
- Includes energy management system including controls.
- Includes 3rd party test and balance.

Plumbing

- All materials and equipment necessary to furnish and install all plumbing domestic water piping and valves, water piping insulation, interior waste piping, plumbing fixtures, roof drains including heat tape, sump pumps and associated piping at elevator pits, water heaters, recirculation pumps, backflow preventors, gas piping at interior, and roof drains including heat tape. Final fixture selection to be determined.

Electrical

- All materials and equipment necessary to furnish and install all light fixtures including controls, receptacles, outlets, conduit, wiring, feeders, gear, electrical panels, emergency lighting, occupancy sensors, exterior site light fixtures, generator, electrical trim, and snow melt system.
- Includes all power supply to HVAC and plumbing equipment.
- Includes all power to elevators.
- Includes all power to electrified door hardware including sally port roll up doors and secure parking area gates.
- Includes complete lighting control package.
- Includes commissioning and final test and balance.
- Lightning protection systems not included.

Fire Protection

- All materials and equipment necessary to furnish and install complete wet pipe fire sprinkler system and wet automatic standpipe system.
- Includes all pipe, sprinkler heads, pull boxes, riser, trim, and accessories for a complete system.
- Includes engineered shop drawings to be submitted to the City of Flagstaff for review.
- Excludes dry system or exterior fire sprinkler piping.

Fire Alarm

- All materials and equipment necessary to furnish and install complete fire alarm system including all conduit, wire, devices, control panel, and trim for a complete system.
- Includes engineered shop drawings to be submitted to the City of Flagstaff for review.
- Includes annunciator, smoke detectors, fire alarm control panel, boosters, pull stations, audio/visual and visual devices, elevator recalls, monitor modules for sprinkler system, and final testing and balance.

Communications, Data, Security, & A/V

- All materials and equipment necessary to furnish and install all communications, data, security, and A/V.
- Includes all low voltage cable tray, conduit, and pathway.
- Includes all data and communications cabling. Cabling to be Cat6 cable. Excludes Cat 6A cable.
- Includes IT equipment and rack.
- Includes data devices and trim.
- Includes A/V mixers, amps, microphone receivers, cabling, controls, switches, and trim.
- Excludes microphones and signature pads.
- Includes all card readers and access control hardware and wiring.
- Includes all courtroom monitors.

Landscaping & Irrigation

- All materials and equipment necessary to furnish and install all landscaping and automatic drip irrigation system.
- Includes all site pavers and table mesa brown gravel.
- Includes all site plantings and soil amendments including mulch and ground cover.
- Includes all trees (with tree grates at ROW) and shrubs.
- Includes all irrigation piping, controller, backflow preventer, control valve, controller device, and emitters.

Exterior Ornamental Fencing & Gates

- All materials and equipment necessary to furnish and install all ornamental tube fencing, sally port ornamental fencing including fencing at outdoor entry from sally port, secure parking area automated gates with card reader access, secure parking area ornamental fencing, and 2 ornamental fencing style man gates.
- Fence color and style to be standard options offered by manufacturer.

Specialties, Signage, & Restroom Accessories

- All materials and equipment necessary to furnish and install all site amenities such as bike racks, exterior benches, and flagpoles.
- All materials and equipment necessary to furnish and install one non-illuminated clock at the clock tower.
- All materials and equipment necessary to furnish and install all restroom accessories and partitions. Partitions to be phenolic overhead braced.
- Accessories include grab bars, toilet paper dispenser, seat cover dispenser, napkin disposal unit, channel frame standard mirror, manual soap dispenser, paper towel and waste disposal combination unit, mop holder, and restroom code signage.
- All materials and equipment necessary to furnish and install all fire extinguishers and cabinets.
- Includes dedication plaque at exterior of building.
- Includes interior and exterior flagpoles.
- All materials and equipment necessary to install all refrigerators, dishwasher, garbage disposals, standard break room fridge, and microwave.
- Includes all interior room identification signage and exterior non-illuminated building signage.

Exclusions

- Electrical Power Consumption Costs – KCS has included hook-up of temp power, but the assumption is that the meter will be in COF name and costs for electricity consumption will be by owner.
- 3rd Party Testing – assume costs by owner. KCS to coordinate inspections and providing copies of reports as necessary.
- Parking Lot improvements at existing site – will be part of GMP 3.
- ADA parking requirements outside of staff parking areas – will be part of GMP 3.
- Fiber & Conduit Installation outside of building including run to City Hall – will be part of GMP 3.
- Utility Impact Fees
- Site security

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Number	Title	Date
G-00	COVER SHEET-2	1.4.2019
D-101	DEMOLITION PLAN	1.4.2019
AS-100	SITE PLAN	1.4.2019
G-1.0	FIRE/LIFE SAFETY SITE PLAN	1.4.2019
G-1.1	BUILDING CODE ANALYSIS PLAN-FIRST FLOOR	1.4.2019
G-1.2	BUILDING CODE ANALYSIS PLAN-SECOND FLOOR	1.4.2019
G-1.3	BUILDING CODE ANALYSIS PLAN-THIRD FLOOR	1.4.2019
CVR	COVER SHEET	4.1.2019
GN01	GENERAL NOTES	4.1.2020
DT01	CIVIL DETAILS	4.1.2021
DM01	DEMO PLAN	4.1.2022
IP01	CIVIL IMPROVEMENT PLAN	4.1.2023
GD01	GRADING AND DRAINAGE PLAN	4.1.2024
HC01	HORIZONTAL CONTROL PLAN	4.1.2025
EC01	EROSION CONTROL PLAN	4.1.2026
EC02	EROSION CONTROL PLAN NOTES AND DETAILS	4.1.2027
10	LANDSCAPE PLAN	2.7.2019
11	LANDSCAPE PLAN	2.7.2019
12	LANDSCAPE PLAN	2.7.2019
A-111	FLOOR PLAN - LEVEL 1	1.4.2019
A-112	FLOOR PLAN - LEVEL 2	1.4.2019
A-113	FLOOR PLAN - LEVEL 3	1.4.2019
A-114	FLOOR PLAN - ROOF PLAN	1.4.2019
A-121	REFLECTED CEILING PLAN - LEVEL 1	1.4.2019
A-122	REFLECTED CEILING PLAN - LEVEL 2	1.4.2019
A-123	REFLECTED CEILING PLAN - LEVEL 3	1.4.2019
A-221	ELEVATIONS - EXTERIOR	1.4.2019
A-222	ELEVATIONS - EXTERIOR	1.4.2019
A-311	BUILDING SECTIONS	1.4.2019
A-401	EXTERIOR WALL SECTIONS	1.4.2019
A-402	EXTERIOR WALL SECTIONS	1.4.2019
A-403	EXTERIOR WALL SECTIONS	1.4.2019
A-404	EXTERIOR WALL SECTIONS	1.4.2019
A-405	EXTERIOR WALL SECTIONS	1.4.2019
A-406	EXTERIOR WALL SECTIONS	1.4.2019
A-407	EXTERIOR WALL SECTIONS	1.4.2019
A-408	EXTERIOR WALL SECTIONS	1.4.2019
A-409	EXTERIOR WALL SECTIONS - DETAILS	1.4.2019
A-410	EXTERIOR WALL SECTIONS - DETAILS	1.4.2019
A-411	EXTERIOR WALL SECTIONS - DETAILS	1.4.2019
A-412	EXTERIOR WALL SECTIONS - DETAILS	1.4.2019
A-413	EXTERIOR WALL SECTIONS - DETAILS	1.4.2019

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A-421	ENLARGED TOILET PLANS AND ELEVATIONS	1.4.2019
A-422	ENLARGED TOILET PLANS AND ELEVATIONS	1.4.2019
A-423	ENLARGED TOILET PLANS AND ELEVATIONS	1.4.2019
A-431	COURTROOM ENLARGED AND REFLECTED CEILING PLAN	1.4.2019
A-432	COURTROOM ENLARGED AND REFLECTED CEILING PLAN	1.4.2019
A-433	COURTROOM ELEVATIONS	1.4.2019
A-434	COURTROOM ELEVATIONS	1.4.2019
A-435	PUBLIC CORRIDOR ELEVATIONS	1.4.2019
A-441	PUBLIC STAIR 1 ENLARGED PLANS AND DETAILS	1.4.2019
A-442	PUBLIC STAIR 2 ENLARGED PLANS AND DETAILS	1.4.2019
A-443	PUBLIC STAIR ENLARGED PLANS AND DETAILS	1.4.2019
A-451	VERTICAL CIRCULATION ENLARGED PLANS AND SECTIONS	1.4.2019
A-452	VERTICAL CIRCULATION ENLARGED PLANS AND SECTIONS	1.4.2019
A-501	EXTERIOR DETAILS - SIGNAGE PLAN	1.4.2019
A-502	EXTERIOR DETAILS - SITE	1.4.2019
A-503	EXTERIOR DETAILS - SALLYPORT	1.4.2019
A-504	EXTERIOR DETAILS - RAMPS/STAIRS	1.4.2019
A-505	EXTERIOR DETAILS - GLAZING	1.4.2019
A-506	EXTERIOR DETAILS - MISC	1.4.2019
A-511	INTERIOR GLAZING	1.4.2019
A-521	INTERIOR PARTITION TYPES AND DETAILS	1.4.2019
A-531	MISCELLANEOUS MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-532	MISCELLANEOUS MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-533	MISCELLANEOUS MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-534	MISCELLANEOUS MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-541	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-542	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-543	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-544	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-545	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-546	COURTROOM MILLWORK PLANS AND ELEVATIONS	1.4.2019
A-551	COURTROOM MILLWORK DETAILS	1.4.2019
A-552	COURTROOM MILLWORK DETAILS	1.4.2019
A-553	COURTROOM MILLWORK DETAILS	1.4.2019
A-554	COURTROOM MILLWORK DETAILS	1.4.2019
A-561	CEILING DETAILS	1.4.2019
A-562	CEILING DETAILS	1.4.2019
A-571	INTERIOR ENLARGED PLAN DETAILS	1.4.2019
A-572	INTERIOR ENLARGED PLAN DETAILS	1.4.2019
A-573	INTERIOR/EXTERIOR ENLARGED PLAN DETAILS	1.4.2019
A-574	INTERIOR/EXTERIOR ENLARGED PLAN DETAILS	1.4.2019
A-584	DETENTION DOOR AND WINDOW DETAILS	1.4.2019
A-595	INTERIOR DETAILS	1.4.2019

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A-611	DOOR SCHEDULE/DOOR FRAME AND PANEL TYPES	1.4.2019
A-612	DOOR SCHEDULE	1.4.2019
A-613	DOOR SCHEDULE	1.4.2019
A-620	DOOR DETAILS	1.4.2019
I-111	FINISH PLAN - LEVEL 1	1.4.2019
I-112	FINISH PLAN - LEVEL 2	1.4.2019
I-113	FINISH PLAN - LEVEL 3	1.4.2019
I-114	FINISH PLAN - ROOF	1.4.2019
1-121	FURNITURE PLAN - LEVEL 1	1.4.2019
1-122	FURNITURE PLAN - LEVEL 2	1.4.2019
1-123	FURNITURE PLAN - LEVEL 3	1.4.2019
GP0.1	GEOPIER GENERAL NOTES AND DETAILS	1.4.2019
GP1.1	GEOPIER PLAN	1.4.2019
S-001	GENERAL STRUCTURAL NOTES	1.4.2019
S-002	TYPICAL DETAILS	1.4.2019
S-003	TYPICAL DETAILS	1.4.2019
S-004	SCHEDULES	1.4.2019
S-101	FOUNDATION PLAN	1.4.2019
S-102	2ND FLOOR FRAMING PLAN	1.4.2019
S-103	3RD FLOOR AND LOBBY FRAMING PLAN	1.4.2019
S-104	ROOF FRAMING PLAN	1.4.2019
S-201	ENLARGED STAIR PLANS	1.4.2019
S-202	ENLARGED STAIR PLANS	1.4.2019
S-301	FOUNDATION DETAILS	1.4.2019
S-302	FOUNDATION DETAILS	1.4.2019
S-401	FLOOR FRAMING DETAILS	1.4.2019
S-402	FLOOR FRAMING DETAILS	1.4.2019
S-501	ROOF FRAMING DETAILS	1.4.2019
S-502	ROOF FRAMING DETAILS	1.4.2019
S-601	STAIR FRAMING DETAILS	1.4.2019
S-701	SALLY PORT FRAMING DETAILS	1.4.2019
S-801	MECHANICAL PLATFORM FRAMING DETAILS	1.4.2019
M-000	MECHANICAL LEGEND AND GENERAL NOTES	1.4.2019
M-001	MECHANICAL SCHEDULES	1.4.2019
M-002	MECHANICAL SCHEDULES	1.4.2019
M-003	MECHANICAL CALCULATIONS	1.4.2019
M-111	MECHANICAL FLOOR PLAN - LEVEL 1	1.4.2019
M-112	MECHANICAL FLOOR PLAN - LEVEL 2	1.4.2019
M-113	MECHANICAL FLOOR PLAN - LEVEL 3	1.4.2019
M-114	MECHANICAL FLOOR PLAN - ROOF PLAN	1.4.2019
M-211	MECHANICAL PIPING PLAN - LEVEL 1	1.4.2019
M-212	MECHANICAL PIPING PLAN - LEVEL 2	1.4.2019
M-213	MECHANICAL PIPING PLAN - LEVEL 3	1.4.2019

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M-214	MECHANICAL PIPING PLAN - ROOF PLAN	1.4.2019
M-300	MECHANICAL DETAILS	1.4.2019
M-301	MECHANICAL DETAILS	1.4.2019
M-400	MECHANICAL SCHEMATICS	1.4.2019
M-500	MECHANICAL CONTROLS DRAWINGS	1.4.2019
E-000	ELECTRICAL SYMBOLS AND NOTES	1.4.2019
E-001	ELECTRICAL FIXTURES SCHEDULES, NOTES, AND IECC	1.4.2019
E-002	ELECTRICAL FIXTURES CUTSHEETS AND APPLICATION	1.4.2019
E-100	ELECTRICAL SITE PLAN	1.4.2019
E-211	FIRST FLOOR POWER PLAN	1.4.2019
E-212	SECOND FLOOR POWER PLAN	1.4.2019
E-213	THIRD FLOOR POWER PLAN	1.4.2019
E-231	ROOF LEVEL POWER PLAN	1.4.2019
E-311	FIRST FLOOR LIGHTING PLAN	1.4.2019
E-312	SECOND FLOOR LIGHTING PLAN	1.4.2019
E-313	THIRD FLOOR LIGHTING PLAN	1.4.2019
E-411	FIRST FLOOR MECHANICAL ELECTRICAL CONNECTION PLAN	1.4.2019
E-412	SECOND FLOOR MECHANICAL ELECTRICAL CONNECTION PLAN	1.4.2019
E-412	SECOND FLOOR MECHANICAL ELECTRICAL CONNECTION PLAN	1.4.2019
E-500	ONE-LINE DIAGRAM	1.4.2019
E-600	PANEL SCHEDULES	1.4.2019
E-601	PANEL SCHEDULES	1.4.2019
P100	PLUMBING NOTES AND SPECIFICATIONS	1.4.2019
P001	PLUMBING SCHEDULES	1.4.2019
P201	PLUMBING FIRST FLOOR PLAN	1.4.2019
P202	PLUMBING SECOND FLOOR PLAN	1.4.2019
P203	PLUMBING THIRD FLOOR PLAN	1.4.2019
P300	PLUMBING DETAILS	1.4.2019
P301	PLUMBING DIAGRAM	1.4.2019
FA-0.1	ABBREVIATIONS, LEGENDS, AND GENERAL NOTES	1.4.2019
FA-3.1	FLOOR PLAN - FIRST FLOOR - FIRE ALARM	1.4.2019
FA-3.2	FLOOR PLAN - SECOND FLOOR - FIRE ALARM	1.4.2019
FA-3.3	FLOOR PLAN - THIRD FLOOR - FIRE ALARM	1.4.2019
FA-3.4	ROOF PLAN - FIRE ALARM	1.4.2019
FA-6.1	LARGE SCALE - FLOOR PLANS - FIRE ALARM	1.4.2019
FA-8.1	WIRING DIAGRAMS - FIRE ALARM	1.4.2019
T-0.1	ABBREVIATIONS, LEGENDS, AND GENERAL NOTES	1.4.2019
TA-0.2	SCHEDULES - AUDIO/VISUAL	1.4.2019
TA-3.1	FLOOR PLAN - FIRST FLOOR - AUDIO/VISUAL	1.4.2019
TA-3.2	FLOOR PLAN - SECOND FLOOR - AUDIO/VISUAL	1.4.2019
TA-3.3	FLOOR PLAN - THIRD FLOOR - AUDIO/VISUAL	1.4.2019
TA-4.1	LARGE SCALE CONDUIT PLAN - AUDIO VISUAL	1.4.2019
TA-6.1	LARGE SCALE FLOOR PLANS - AUDIO/VISUAL	1.4.2019

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TA-8.1	WIRING DIAGRAMS - AUDIO/VISUAL	1.4.2019
TA-8.2	WIRING DIAGRAMS - AUDIO/VISUAL	1.4.2019
TA-9.1	DETAILS - AUDIO/VISUAL	1.4.2019
TT-1.1	SITE PLAN - TELECOMMUNICATIONS	1.4.2019
TT-3.1	FLOOR PLAN - FIRST FLOOR - TELECOMMUNICATIONS	1.4.2019
TT-3.2	FLOOR PLAN - SECOND FLOOR - TELECOMMUNICATIONS	1.4.2019
TT-3.3	FLOOR PLAN - THIRD FLOOR - TELECOMMUNICATIONS	1.4.2019
TT-8.1	WIRING DIAGRAMS - TELECOMMUNICATIONS	1.4.2019
TT-9.1	DETAILS TELECOMMUNICATIONS	1.4.2019
TY-0.2	SCHEDULES - SECURITY	1.4.2019
TY-1.1	SITE PLAN - SECURITY ELECTRONICS	1.4.2019
TY-3.1	FLOOR PLAN - FIRST FLOOR - SECURITY ELECTRONICS	1.4.2019
TY-3.2	FLOOR PLAN - SECOND FLOOR - SECURITY ELECTRONICS	1.4.2019
TY-3.3	FLOOR PLAN - THIRD FLOOR - SECURITY ELECTRONICS	1.4.2019
TY-6.1	LARGE SCALE FLOOR PLANS - SECURITY ELECTRONICS	1.4.2019
TY-8.1	WIRING DIAGRAMS - SECURITY ELECTRONICS	1.4.2019
TY-8.2	WIRING DIAGRAMS - SECURITY ELECTRONICS	1.4.2019
TY-9.1	DETAILS - SECURITY ELECTRONICS	1.4.2019
TY-9.2	DETAILS - SECURITY ELECTRONICS	1.4.2019