

DESIGN SERVICES AGREEMENT

THIS AGREEMENT is entered into between the **CITY AND COUNTY OF DENVER** (the "City"), a municipal corporation of the State of Colorado, and **POPULOUS, INC.** (the "Design Consultant"), a Missouri corporation, licensed to do business in the State of Colorado, whose address is 4800 Main St., Ste. 300, Kansas City, Missouri 64112-2520.

SECTION 1 – ENGAGEMENT

1.01 Engagement. The City engages the Design Consultant to furnish professional design services for the Project as set forth in this Agreement. The Design Consultant accepts such engagement upon, subject to and in accordance with the terms, conditions and provisions of this Agreement.

1.02 Line of Authority for Contract Administration. The City's Executive Director of Mayor's Office of the National Western Center ("Director") is the City's representative responsible for authorizing and approving the work performed under this Agreement. The Director in his/her sole discretion may designate one or more representatives to act as Project Manager, to issue written Notice to Proceed and to administer, coordinate and approve the work performed by the Design Consultant under this Agreement. The Project Manager shall be responsible for the day-to-day administration, coordination and approval of work performed by the Design Consultant, except for approvals which are specifically identified in this Agreement as requiring the Director's approval. The Director expressly reserves the right to designate another authorized representative to perform on the Director's behalf by written notice to the Design Consultant.

1.03 Independent Contractor. The Design Consultant is an independent contractor retained to perform professional or technical services for limited periods of time. Neither the Design Consultant nor any of its employees are employees or officers of the City under Chapter 18 of the Denver Revised Municipal Code, or for any purpose whatsoever.

1.04 Scope of Design Consultant's Authority. The Design Consultant shall have no authority to act on behalf of the City other than as expressly provided in this Agreement. The Design Consultant is not authorized to act as a general agent for or to undertake, direct or modify any contracts on behalf of the City. The Design Consultant lacks any authority to bind the City on any contractual matters. Final approval of all contractual matters that purport to obligate the City must be executed by the City in accordance with the City's Charter and the Denver Revised Municipal Code (D.R.M.C.).

SECTION 2 – DESIGN CONSULTANT'S SERVICES

2.01 General. The Design Consultant shall provide professional design services for the Project in accordance with the terms and conditions of this Agreement. The Design Consultant's basic services shall consist of all of those services described in this Agreement and in **Exhibit A**.

2.02 Professional Responsibility.

- (a) All of the work performed by the Design Consultant under this Agreement shall be performed in accordance with the standards of care, skill and diligence provided by competent professionals who perform work of a nature similar to the Work described in this Agreement.
- (b) The Design Consultant agrees to strictly conform to and be bound by written standards, criteria, budgetary considerations and memoranda of policy furnished to it by the City and further agrees to design each project in compliance with the standard of care and all applicable laws, statues, codes, ordinances, rules and regulations, and industry standards.
- (c) All professional services, plans and specifications and other work, or deliverables provided under this Agreement for the Project shall be adequate and sufficient for the proper construction of the Project.

- (d) All drawings, specifications and other products shall be prepared so the Project, when constructed in accordance with such drawings and specifications, is in compliance with all applicable laws, statutes, codes, ordinances, and rules and regulations of the City, the State and the Federal government.
- (e) Any design changes required by changes in such applicable laws, statutes, codes, ordinances or rules and regulations of the City, the state or the federal government, which are enacted after the City's acceptance of Construction Documents, defined herein, will be outside the scope of the Design Consultant's basic services and basic fee, and will be compensated for approval as an additional service, subject to the additional services budget for that project.
- (f) The Design Consultant shall prepare the plans, specifications and other materials for the Project in a format that complies with all City requirements as well as all state and federal requirements for the Project. No funds will be paid to the Design Consultant for the preparation of contract documents in a form other than that considered usual and customary by the Department of Transportation and Infrastructure. It shall be the responsibility of the Design Consultant to contact the reviewing agencies and determine the acceptable format for the final documents. No documents will be considered final until approved by the City, even though any responsible federal and state agencies have approved such documents.
- (g) The City reserves the right to proceed with the construction of the Project using either the City's standard general contractor bidding approach, on call contractors or using construction management techniques. The Design Consultant agrees to organize its Contract Documents for either construction technique and to coordinate the construction documents into selected bid packages, as appropriate. The City will notify the Design Consultant prior to the completion of the Design Development Design Phase which method will be used and the amount of work or the limits of construction to be included in the proposed bid package(s).
- (h) The reports, studies, drawings and specifications and other products prepared by the Design Consultant under this Agreement, when submitted by the Design Consultant to the Director and the user agency for any identified phase of the Project, must represent a thorough study and competent solution for the project as per usual and customary professional standards and shall reflect all architectural and engineering skills applicable to that phase of the project.
- (i) The responsibilities and obligations of the Design Consultant under this Agreement shall not be relieved or affected in any respect by the presence on the site of any agent, consultant or subconsultant, or an employee of the City.
- (j) The Design Consultant shall provide all professional services required by the City in defending all claims against the City, which relate in any way to alleged default hereunder, errors or omissions of the Design Consultant or its subconsultants, without additional compensation.

2.03 Program and Budget.

- (a) The Design Consultant agrees to review the City's program and budget for the Project and further agrees, unless it has timely notified the City that the Project cannot be accomplished within such budget, to accomplish the Project within the intent of the program and established budget. Should the Design Consultant determine that The Project cannot be accomplished within the established budget, the Design Consultant shall immediately notify the City, in writing, so that the project scope or project budget can be reviewed and modified if necessary.
- (b) The term "Project Construction Cost" shall mean the estimated cost to the City of actually constructing the Project, but such cost shall not include any Design Consultant's or special consultant's fees or reimbursements or the cost of equipment installed by the City under separate contract, unless the Design Consultant is required by the City to prepare drawings and specifications for such equipment. The initial Project Construction Cost has been provided to the Design Consultant.

- (c) The Design Consultant agrees to design the Project within the estimated Project Construction Cost for the Project. Should all responsive bids or proposal received for the Project work provided for in the design exceed such cost, the Design Consultant agrees to redesign the Project at no additional cost to City and, in a manner acceptable to the City.

2.04 Coordination and Cooperation.

- (a) The Design Consultant agrees to perform under this Agreement in such a manner and at such times that the City or any Contractor who has work to perform, or contracts to execute, can do so without unreasonable delay.
- (b) Coordination with the City and other involved agencies shall be a continuing work item through all phases of each assigned project. Such coordination shall consist of regular progress and review meetings with the City, work sessions with the City's Mayor's Office of the National Western Center, and other user agencies or as otherwise directed by the City. Such coordination may also include field and office reviews of plans and documents as required during the development of the design for any specific project. The Design Consultant shall document all such conferences and distribute notes to the City.

2.05 Personnel Assignments.

- (a) The key professional personnel identified in **Exhibit B** will be assigned by the Design Consultant or its subconsultants to perform the services required under this Agreement, as appropriate.
- (b) The Design Consultant's services shall be diligently performed by the regular professional and technical staff of the Design Consultant. In the event the Design Consultant does not have as part of its regular staff certain professional consultants, then such consulting services shall be performed, with City approval, by practicing professional consultants outside of the employ of the Design Consultant.
- (c) The Design Consultant agrees, at all times during the term of this Agreement, to maintain on its payroll or to have access to through outside subconsultants, professional design personnel and technicians in sufficient strength to meet the requirements of the City. Such personnel and technicians shall be of the classifications referenced in **Exhibit B**. The hourly rates specified therein include all costs except those specifically referenced as reimbursables in the appropriate hourly rate schedule.
- (d) Prior to designating an outside professional to perform subconsultant work, the Design Consultant shall submit the name of such subconsultant, together with a resume of training and experience in work of like character and magnitude of the project being contemplated, to the City and receive prior approval in writing.
- (e) It is the intent of the Parties hereto that all key professional personnel be engaged to perform their specialty for all such services required by this Agreement and that the Design Consultant's and the subconsultant's key professional personnel be retained for the life of this Agreement to the extent practicable and to the extent that such services maximize the quality of work performed hereunder.
- (f) If the Design Consultant or a subconsultant decides to replace any of its key professional personnel, the Design Consultant shall notify the Director in writing of the desired change. No such changes shall be made until replacement personnel are recommended by the Design Consultant and approved in writing by the Director, which approval shall not be unreasonably withheld.
- (g) If, during the term of this Agreement, the Director determines that the performance of approved key personnel or a subconsultant is not acceptable, she shall notify the Design Consultant and give the Design Consultant the time which the Director considers reasonable to correct such

performance. Thereafter, she may require the Design Consultant to reassign or replace such key personnel. If the Director notifies the Design Consultant that certain of its key personnel or a subconsultant should be replaced, Design Consultant will use its best efforts to replace such key personnel or a subconsultant within ten (10) days from the date of the Director's notice.

- (h) Neither the Design Consultant nor any subconsultant shall have other interests which conflict with the interests of the City, including being connected with the sale or promotion of equipment or material which may be used on a project to which they may be assigned, and the Design Consultant shall make written inquiry of all of its subconsultants concerning the existence of a potential for such conflict. In unusual circumstances, and with full disclosure to the City of such conflict of interest, the City, in its sole discretion, may grant a written waiver for the particular consultant or subconsultant.
- (i) Actions taken by the City under this Article shall not relieve the Design Consultant of its responsibility for contractual or professional deficiencies, errors or omissions.
- (j) The Design Consultant shall submit to the Director a list of any additional key professional personnel who will perform work under this Agreement within thirty (30) days after this Agreement has been executed, together with complete resumes and other information describing their ability to perform the tasks which may be assigned. Such additional personnel must be recommended by the Design Consultant and approved by the Director before they are assigned to a specific project.
- (k) The Director shall respond to the Design Consultant's written notice regarding replacement of key professional personnel within fifteen (15) days after the Director receives the list of changes. If the Director or his designated representative does not respond within that time, the changes shall be deemed to be approved.

2.06 Basic Services – General.

- (a) These services shall be diligently performed by the regular professional and technical staff of the Design Consultant. In the event the Design Consultant does not have as part of its regular staff certain professional consultants, then such consulting services shall be performed, with City approval, by practicing professional consultants outside of the employ of the Design Consultant.
- (b) Prior to designating an outside professional to perform work or services under this Agreement, the Design Consultant shall submit the name of such professional, together with a resume of training and experience in work of like character and magnitude as the project being contemplated, to the City and receive prior approval in writing.
- (c) All professional consultants and subconsultants must be retained for the life of the Project to the extent practicable, except that acceptable replacements may be substituted with prior written approval from the City as set out in Section 2.05.
- (d) The Design Consultant's basic services for the Project shall consist of the phases described below and shall include, but not be limited to, architectural, structural, mechanical, civil and electrical engineering services appropriate to each Project for each phase.
- (e) The Design Consultant shall obtain written authorization from the City before proceeding with each phase.
- (f) Nothing in this Agreement shall be construed as placing any obligation on the City to proceed with any phase beyond the latest phase authorized in writing by City.
- (g) The responsibilities and obligations of the Design Consultant under this Agreement shall not be relieved or affected in any respect by the presence on the site of any agent, consultant, subconsultant, or employee of the City.

2.07 Basic Services - Phase Specific. In the interest of tracking progress towards completion of all work items necessary to complete the Project specified herein, the required Basic Services tasks which must be performed on each Project have been separated into phases. As applicable for the Project, the Design Consultant shall satisfactorily complete all work necessary to complete each phase as specifically set out in **Exhibit A**.

2.08 Additional Services.

- (a) If the Design Consultant performs services in addition to its Basic Services, as a result of material changes in the Project or due to other circumstances beyond the Design Consultant's control, and if such services (1) are pre-approved in writing; (2) will not cause the total compensation payable to the Design Consultant to exceed the Maximum Contract Amount; and (3) are not occasioned by any neglect, breach or default of the Design Consultant, then the Design Consultant will be reimbursed its pre-approved cost for performance of such service(s).
- (b) Before providing any such services, the Design Consultant first shall file with the City, and secure the City's written approval of, a complete description of the proposed services including an estimate of the maximum cost of any and all such services, on the basis set out in **Exhibits A and B**, of rates per hour, per day, or other basis of cost. Such description shall also include a statement from the Design Consultant that the maximum cost of such services will not cause the total amount payable to the Design Consultant under this Agreement to exceed the maximum contract amount. In no event shall any form of authorization or pre-approval of additional services be deemed valid or binding upon either the City or the Design Consultant if the maximum cost of such services would cause the aggregate amount payable under this Agreement to exceed the maximum contract amount. Payment for additional services shall not, in any event, exceed the cost estimated by the Design Consultant and approved in writing by the City.
- (c) The cost of such additional service shall be deemed to be the lesser of the estimated maximum cost or:
 - 1. The actual time card cost of all design personnel including principal designer's time at the rates as set out in **Exhibit B**;
 - 2. The actual cost to the Design Consultant for other necessary outside services, such as structural, mechanical or electrical engineering performed by independent consultants; and
 - 3. The Design Consultant's actual reproduction cost for drawings.
- (d) The Design Consultant shall maintain an accurate and acceptable cost accounting as to all such additional expenses and shall make available to the City all records, canceled checks and other disbursement media to substantiate any and all requests for payment for additional services.
- (e) Payment to the Design Consultant for such additional services shall not, in any event, exceed the maximum additional services amount set forth in Section 3.

2.09 Surveying and Testing.

- (a) The Design Consultant shall obtain all necessary surveying, tests and reports to properly design and administer the construction of each project, including, but not limited to, soils and hazardous materials testing. The Design Consultant shall be responsible for the accuracy, adequacy and content of such tests, surveying and reports.
- (b) The Design Consultant and its appropriate subconsultant shall review all survey and test results reports and shall follow the recommendation of the soils engineer or other subconsultant unless, in the exercise of appropriate professional judgment, the Design

Consultant or appropriate subconsultant discovers, or should in the exercise of professional judgment discover, factors indicating the report or results are not reliable.

- (c) If any such inadequacy or any inconsistency, based upon such exercise of professional judgment, is noted the Design Consultant and/or its appropriate subconsultant shall report such inconsistency or inadequacy promptly to the City and require such inadequacy or inconsistency to be addressed by the soils engineer, testing laboratory or land surveyor before any further use is put to the data.
- (d) The Design Consultant shall require all surveying, engineering and testing entities it selects to carry and maintain Comprehensive Auto Liability and Property Damage Insurance, General Commercial Liability and Property Damage Insurance and Professional Errors and Omissions coverage as required by the City's Office of Risk Management which will adequately protect the interests of the City and third parties from the acts and omissions of the testing entity.
- (e) The amount of surveying or testing, the cost, and the types of reports required must be approved by the Director prior to the Design Consultant actually ordering any such work to be accomplished. Such approvals by the City shall be for purposes of compensation only and shall not relieve the Design Consultant of any responsibility for determining the scope and amount of surveying and testing necessary for the design of the project.
- (f) It is understood and agreed that this Agreement does not include the investigation, sampling, testing, planning, abatement design, and remediation management of asbestos or other hazardous waste material. Should the presence of asbestos or other hazardous waste material be known to exist on a specific project or if the Design Consultant shall observe the presence of asbestos or hazardous waste material on any project site during its performance of services under this Agreement, the Design Consultant shall notify the City in writing immediately.
- (g) Payment to the Design Consultant for such surveying, testing, and abatement shall not exceed the surveying and testing budget set forth in the project specific proposal for each project.

2.10 Compliance with M/WBE Requirements.

- (a) This Agreement is subject to Article III, Divisions 1 and 3 of Chapter 28, D.R.M.C., designated as Sections 28-31 to 28-36 and 28-52 to 28-90, D.R.M.C. (the "M/WBE Ordinance") and any Rules or Regulations promulgated pursuant thereto. The Design Consultant identified in its Proposal MBE and/or WBE firms with which it intends to subcontract under this Agreement, with a total participation level by such firms of **24.01%**.
- (b) Under § 28-72, D.R.M.C., the Design Consultant has an ongoing, affirmative obligation to maintain for the duration of this Agreement, at a minimum, compliance with its originally achieved level of MBE and WBE participation upon which this Agreement was awarded, unless the City initiates a material alteration to the scope of work affecting MBEs or WBEs performing on this Agreement through change order, contract amendment, force account, or as otherwise described in § 28-73, D.R.M.C. The Design Consultant acknowledges that it must establish and maintain records and submit regular reports, as required, which will allow the City to assess progress in achieving the M/WBE participation goal.
- (c) If change orders or any other contract modifications are issued under the Agreement, the Design Consultant shall have a continuing obligation to immediately inform DSBO in writing of any agreed upon increase or decrease in the scope of work of such contract, upon any of the bases discussed in § 28-73, D.R.M.C., regardless of whether such increase or decrease in scope of work has been reduced to writing at the time of notification.

- (d) If change orders or other contract modifications are issued under the contract, that include an increase in scope of work of this Agreement, whether by amendment, change order, force account or otherwise which increases the dollar value of the contract, whether or not such change is within the scope of work designated for performance by an M/WBE at the time of contract award, such change orders or contract modification shall be immediately submitted to DSBO for notification purposes. Those amendments, change orders, force accounts or other contract modifications that involve a changed scope of work that cannot be performed by existing project subconsultants or by the Design Consultant shall be subject to a goal for M/WBEs equal to the original goal on the contract which was included in the proposal. The Design Consultant shall satisfy such goal with respect to such changed scope of work by soliciting new M/WBEs in accordance with § 28-73, D.R.M.C., as applicable, or the Design Consultant must show each element of modified good faith set out in § 28-75(c), D.R.M.C. The Design Consultant shall supply to the director the documentation described in § 28-75(c), D.R.M.C. with respect to the increased dollar value of the contract.
- (e) Failure to comply with these provisions may subject the Design Consultant to sanctions set forth in the M/WBE Ordinance. Should any questions arise regarding specific circumstances, the Design Consultant must consult the M/WBE Ordinance or contact the Project's designated DSBO representative at (720) 913-1999

SECTION 3 – COMPENSATION, PAYMENT, AND FUNDING

The City shall compensate the Design Consultant for its service performed and expenses incurred under this Agreement as follows.

3.01 Fee for basic services. The City agrees to pay the Design Consultant, as full compensation for its basic services rendered hereunder, a fee not to exceed **SEVEN MILLION, FOUR HUNDRED FORTY-FIVE THOUSAND, FIVE HUNDRED ELEVEN DOLLARS AND ZERO CENTS (\$7,445,511.00)**, in accordance with the billing rates and project budget stated in **Exhibits A and B**. The amounts budgeted for phases may be increased or decreased, and the amounts allocated for services and expenses adjusted, upon written approval of the Director or his/her designee, and subject to the Maximum Contract Amount stated in this Section 3.

3.02 Reimbursable Expenses. Except for those reimbursable expenses specifically identified in **Exhibit A**, or approved in writing by the City as reasonably related to or necessary for the Design Consultant's services, all other expenses shall be included in the Design Consultant's fee and will not be reimbursed hereunder. The maximum amount to be paid for all reimbursable expenses under this Agreement is **ONE HUNDRED TWENTY-SIX THOUSAND, EIGHT HUNDRED DOLLARS AND ZERO CENTS (\$126,800.00)** unless an additional amount is approved by the Director or his/her designee in writing, subject to the Maximum Contract Amount stated herein. Unless this Agreement is amended in writing according to its terms to increase the Maximum Contract Amount, any increase in the maximum amount of reimbursable expenses will reduce the Design Consultant's maximum fee amount accordingly.

3.03 Additional Services. If pre-approved additional services are performed by the Design Consultant, the City agrees to pay the Design Consultant for such additional services in accordance with Section 2.08. The maximum amount to be paid by the City for all additional services under this contract is **FOUR HUNDRED THOUSAND DOLLARS AND ZERO CENTS (\$400,000.00)**.

3.04 Invoicing and Payment. The City will make monthly progress payments for all services performed under this Agreement based upon the Design Consultant's monthly invoices. Such invoices shall be in a form acceptable to the City and shall include detail of the time worked by the Design Consultant's own personnel, billings from subcontractors, and all other information necessary to assess the Design Consultant's progress. Invoices shall be accompanied by documentation of expenses for which reimbursement is sought, and all other supporting documentation required by the City. The City's Prompt Payment Ordinance, §§ 20-107 to 20-118, D.R.M.C., applies to invoicing and payment under this Agreement. Final Payment to the Design Consultant shall not be made until after the Project is accepted, and all certificates of completion, record drawings and reproducible copies are delivered to the City, and the Agreement is otherwise fully performed by the Design

Consultant. The City may, at the discretion of the Director, withhold reasonable amounts from billing and the entirety of the final payment until all such requirements are performed to the satisfaction of the Director. However, no deductions shall be made from the Design Consultant's compensation on account of penalty, liquidated damages or other sums withheld from payments to contractor(s).

3.05 Maximum Contract Amount.

- (a) Notwithstanding any other provision of the Agreement, the City's maximum payment obligation will not exceed **SEVEN MILLION, NINE HUNDRED SEVENTY-TWO THOUSAND, THREE HUNDRED ELEVEN DOLLARS AND ZERO CENTS (\$7,972,311.00)**, (the "Maximum Contract Amount"). The City is not obligated to execute an Agreement or any amendments for any further services, including any services performed by Design Consultant beyond that specifically described in **Exhibit A**. Any services performed beyond those set forth therein are performed at Design Consultant's risk and without authorization under the Agreement.
- (b) The City's payment obligation, whether direct or contingent, extends only to funds appropriated annually by the Denver City Council, paid into the Treasury of the City, and encumbered for the purpose of the Agreement. The City does not by the Agreement irrevocably pledge present cash reserves for payment or performance in future fiscal years, and the Agreement does not and is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the City.
- (c) The Design Consultant understands and agrees that the provision of any services by the Design Consultant, which would cause the total amount payable to the Design Consultant to exceed the amount of previously appropriated and encumbered funds, is strictly prohibited. In the event the continuation of services by the Design Consultant would cause the amount payable to the Design Consultant to exceed such amounts, the Design Consultant agrees to give to the Project Director at least two (2) weeks notice of the exhaustion of available funds. In the event additional funds are not made available within such two (2) week period, the Design Consultant agrees to stop providing services until such time as additional funds are appropriated and encumbered for the purposes of this Agreement, and amounts which remain available for payment to the Design Consultant

SECTION 4 – TERM AND TERMINATION

4.01 Term.

The Agreement will commence on January 2, 2020 and expire on July 31, 2024 unless sooner terminated.

4.02 Termination.

- (a) Nothing herein shall be construed as giving the Design Consultant the right to perform the services contemplated under this Agreement beyond the time when its services become unsatisfactory to the Director.
- (b) The Director may terminate this Agreement for cause at any time if the Design Consultant's services become unsatisfactory, in the sole discretion of the Director. The City shall have the sole discretion to permit the Design Consultant to remedy the cause of a contemplated termination for cause without waiving the City's right to terminate the Agreement.
- (c) In the event of a termination for cause, or in the event the Design Consultant becomes unable to serve under this Agreement, the City may take over work to be done under this Agreement and prosecute the work to the completion by contract or otherwise, and the Design Consultant shall be liable to City for all reasonable cost in excess of what the City would have paid the Design Consultant had there been no termination for cause.

- (d) The City may, for convenience, cancel and terminate this Agreement by giving not less than thirty (30) days' prior written notice to the Design Consultant, which notice shall state the date of cancellation and termination.
- (e) If the Design Consultant's services are terminated, postponed or revised, or if the Design Consultant shall be discharged before all the work and services contemplated have been completed, or if the project is, for any reason, stopped or discontinued, the Design Consultant shall be paid only for the portion of work or services which has been satisfactorily completed at the time of such dismissal, termination, cancellation, postponement, revision or stoppage.
- (f) All drawings, specifications, and other documents relating to the design or administration of work completed or partially completed shall be delivered by the Design Consultant to the City in the event of any dismissal, termination, cancellation, postponement, revision or stoppage.
- (g) In the event of any dismissal, termination, cancellation, postponement, revision or stoppage, the Design Consultant shall cooperate in all respects with the City. Such cooperation shall include, but not be limited to, delivery of drawings, specifications, and other documents referred to herein, and assisting the City during a transition to another Design Consultant, if applicable.

SECTION 5 – GENERAL PROVISIONS

5.01 City's Responsibilities.

- (a) The City shall provide available information regarding its requirements for each project, including related budgetary information, and shall cooperate fully with the Design Consultant at all times. However, the City does not guarantee the accuracy of any such information and assumes no liability therefore. The Design Consultant shall notify City in writing of any information or requirements provided by the City which the Design Consultant believes to be inaccurate or inappropriate to the design or construction of the project.
- (b) If the City observes or otherwise becomes aware of any fault or defect in the project or non-conformance with Contract Documents, it shall give prompt notice thereof to Design Consultant.

5.02 Ownership of Documents.

- (a) The City shall have title and all intellectual and other property rights, in and to all phased and final Design documents, and all data used in the development of the same, including the results of any tests, surveys or inspections at the Project site, and all photographs, drawings, drafts, studies, estimates, reports, models, notes and any other materials or work products, whether in electronic or hard copy format, created by the Design Consultant pursuant to this Agreement, in preliminary and final forms and on any media whatsoever (collectively, the "Documents"), whether the Project for which the Documents were created is executed or not. The Design Consultant shall identify and disclose, as requested, all such Documents to the City.
- (b) To the extent permitted by the U.S. Copyright Act, 17 USC §§ 101, *et seq.*, as the same may be amended from time to time, the Documents are a "work made for hire," and all ownership of copyright in the Documents shall vest in the City at the time the Documents are created. To the extent that the Documents are not a "work made for hire," the Design Consultant hereby assigns and transfers all right, title and interest in and to the Documents to the City, as of the time of the creation of the Documents, including the right to secure copyright, patent, trademark, and other intellectual property rights throughout the world and to have and to hold such copyright, patent, trademark, and other intellectual property rights in perpetuity.
- (c) The Design Consultant shall provide (and cause its employees and subcontractors to provide) all assistance reasonably requested in securing for the City's benefit any patent, copyright,

trademark, service mark, license, right or other evidence of ownership of such Documents, and shall provide full information regarding the Documents and execute all appropriate documentation in applying for or otherwise registering, in the City's name, all rights to such Documents.

- (d) The Design Consultant agrees to allow the City to review any of the procedures used in performing the work and services hereunder, and to make available for inspection the field notes and other documents used in the preparation for and performance of any of the services performed hereunder.
- (e) The Design Consultant shall be permitted to retain reproducible copies of all of the Documents for the information and reference, and the originals of all of the Documents, including all CAD disks, shall be delivered to the City promptly upon completion thereof, or if authorized by the City's Project Manager, upon termination or expiration of this Agreement.

5.03 Taxes and Licenses. The Design Consultant shall promptly pay, when they are due, all taxes, excises, license fees and permit fees of whatever nature applicable to the work and services which it performs under this Agreement, and shall take out and keep current all required municipal, county, state or federal licenses required to perform its services under this Agreement. The Design Consultant shall furnish the Director, upon request, duplicate receipts or other satisfactory evidence showing or certifying to the proper payment of all required licenses and/or registrations and taxes. The Design Consultant shall promptly pay all owed bills, debts and obligations it incurs performing work under this Agreement and shall not allow any lien, verified claim, mortgage, judgment or execution to be filed against land, facilities or improvements owned or beneficially owned by the City as a result of such bills, debts or obligations.

5.04 Design Consultant's Records. Records of the Design Consultant's direct personnel, consultant and reimbursable expenses pertaining to this Project and records of accounts between the City and the Design Consultant shall be kept on a generally recognized accounting basis. The Design Consultant agrees that any duly authorized representative of the City, including the City Auditor, shall, until the expiration of three (3) years after the final payment under this Agreement, have access to and the right to examine any books, documents, papers and records of the Design Consultant, involving transactions related to this Agreement.

5.05 Assignment and Subcontracting. The City is not obligated or liable under this Agreement to any party other than the Design Consultant named herein. The Design Consultant understands and agrees that it shall not assign or subcontract with respect to any of its rights, benefits, obligations or duties under this Agreement except upon prior written consent and approval of the City to such assignment or subcontracting. Any attempt by the Design Consultant to assign or subcontract its rights hereunder without such prior written consent of the City shall, at the option of the City, automatically terminate this Agreement and all rights of the Design Consultant hereunder. Such consent may be granted or denied at the sole and absolute discretion of the City. In the event any such subcontracting shall occur, with the City's approval, such action shall not be construed to create any contractual relationship between the City and such subcontractor, and the Design Consultant named herein shall in any and all events be and remain responsible to the City according to the terms of this Agreement.

5.06 No Discrimination in Employment. In connection with the performance of work under this contract, the Design Consultant may not refuse to hire, discharge, promote or demote, or discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, gender identity or gender expression, marital status, or physical or mental disability. The Design Consultant shall insert the foregoing provision in all subcontracts.

5.07 Insurance.

- (a) **General Conditions:** The Design Consultant agrees to secure, at or before the time of execution of this Agreement, the following insurance covering all operations, goods or services provided pursuant to this Agreement. The Design Consultant shall keep the required insurance coverage in force at all times during the term of the Agreement, or any extension thereof, during

any warranty period, and for eight (8) years after termination of the Agreement. The required insurance shall be underwritten by an insurer licensed or authorized to do business in Colorado and rated by A.M. Best Company as "A-"VIII or better. Each policy shall contain a valid provision or endorsement requiring notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Agreement. Such notice shall reference the City contract number listed on the signature page of this Agreement. Said notice shall be sent thirty (30) days prior to such cancellation or non-renewal unless due to non-payment of premiums for which notice shall be sent ten (10) days prior. If such written notice is unavailable from the insurer, the Design Consultant shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested within three (3) business days of such notice by its insurer(s) and referencing the City's contract number. If any policy is in excess of a deductible or self-insured retention, the City must be notified by the Design Consultant. The Design Consultant shall be responsible for the payment of any deductible or self-insured retention. The insurance coverages specified in this Agreement are the minimum requirements, and these requirements do not lessen or limit the liability of the Design Consultant. The Design Consultant shall maintain, at its own expense, any additional kinds or amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Agreement.

- (b) **Proof of Insurance:** The Design Consultant shall provide a copy of this Agreement to its insurance agent or broker. The Design Consultant may not commence services or work relating to the Agreement prior to placement of coverages required under this Agreement. The Design Consultant certifies that the certificate of insurance attached as **Exhibit C**, preferably an ACORD certificate, complies with all insurance requirements of this Agreement. The City requests that the City's contract number be referenced on the Certificate. The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements set forth in this Agreement shall not act as a waiver of the Design Consultant's breach of this Agreement or of any of the City's rights or remedies under this Agreement. The City's Risk Management Office may require additional proof of insurance, including, but not limited to, policies and endorsements.
- (c) **Additional Insureds:** For Commercial General Liability, Auto Liability and Excess Liability/Umbrella (if required), the Design Consultant's and subcontractor's insurer(s) shall include the City and County of Denver, its elected and appointed officials, employees and volunteers as additional insured.
- (d) **Waiver of Subrogation:** For all coverages required under this Agreement, the Design Consultant's insurer shall waive subrogation rights against the City.
- (e) **Subcontractors and Subconsultants:** All subcontractors and subconsultants (including independent contractors, suppliers or other entities providing goods or services required by this Agreement) shall be subject to all of the requirements herein and shall procure and maintain the same coverages required of the Design Consultant. The Design Consultant shall include all such subconsultants as additional insured under its policies (with the exception of Workers' Compensation) or shall ensure that all such subcontractors and subconsultants maintain the required coverages. The Design Consultant agrees to provide proof of insurance for all such subcontractors and subconsultants upon request by the City.
- (f) **Workers' Compensation/Employer's Liability Insurance:** The Design Consultant shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits of \$100,000 per occurrence for each bodily injury claim, \$100,000 per occurrence for each bodily injury caused by disease claim, and \$500,000 aggregate for all bodily injuries caused by disease claims. The Design Consultant expressly represents to the City, as a material representation upon which the City is relying in entering into this Agreement, that none of the Design Consultant's officers or employees who may be eligible under any statute or

law to reject Workers' Compensation Insurance shall effect such rejection during any part of the term of this Agreement, and that any such rejections previously effected, have been revoked as of the date the Design Consultant executes this Agreement.

- (g) **Commercial General Liability:** The Design Consultant shall maintain a Commercial General Liability insurance policy with limits of \$1,000,000 for each occurrence, \$1,000,000 for each personal and advertising injury claim, \$2,000,000 products and completed operations aggregate, and \$2,000,000 policy aggregate.
- (h) **Business Automobile Liability:** The Design Consultant shall maintain Business Automobile Liability with limits of \$1,000,000 combined single limit applicable to all owned, hired and non-owned vehicles used in performing services under this Agreement.
- (i) **Professional Liability (Errors & Omissions):** The Design Consultant shall maintain limits of \$1,000,000 per claim and \$1,000,000 policy aggregate limit.
- (j) **Additional Provisions:**
 - (a) For Commercial General Liability, the policy must provide the following:
 - (i) That this Agreement is an Insured Contract under the policy;
 - (ii) Defense costs are outside the limits of liability;
 - (iii) A severability of interests or separation of insureds provision (no insured vs. insured exclusion); and
 - (iv) A provision that coverage is primary and non-contributory with other coverage or self-insurance maintained by the City.
 - (b) For claims-made coverage:
 - (i) The retroactive date must be on or before the contract date or the first date when any goods or services were provided to the City, whichever is earlier.
 - (c) The Design Consultant shall advise the City in the event any general aggregate or other aggregate limits are reduced below the required per occurrence limits. At their own expense, and where such general aggregate or other aggregate limits have been reduced below the required per occurrence limit, the Design Consultant will procure such per occurrence limits and furnish a new certificate of insurance showing such coverage is in force.

5.08 Defense & Indemnification.

- (a) To the fullest extent permitted by law, the Design Consultant agrees to defend, indemnify, reimburse and hold harmless City, its appointed and elected officials, agents and employees for, from and against all liabilities, claims, judgments, suits or demands for damages to persons or property arising out of, resulting from, or related to the work performed under this Agreement that are attributable to the negligence or fault of the Design Consultant or the Design Consultant's agents, representatives, subcontractors, or suppliers ("Claims"). This indemnity shall be interpreted in the broadest possible manner consistent with the applicable law to indemnify the City.
- (b) The Design Consultant's obligation to defend and indemnify may be determined after the Design Consultant's liability or fault has been determined by adjudication, alternative dispute resolution, or otherwise resolved by mutual agreement between the parties. The Design Consultant's duty to defend and indemnify the City shall relate back to the time written notice of the Claim is first provided to the City regardless of whether suit has been filed and even if the Design Consultant is not named as a Defendant.
- (c) The Design Consultant will defend any and all Claims which may be brought or threatened against the City and will pay on behalf of the City any expenses incurred by reason of such Claims including, but

not limited to, court costs and attorney fees incurred in defending and investigating such Claims or seeking to enforce this indemnity obligation. Such payments on behalf of the City shall be in addition to any other legal remedies available to the City and shall not be considered the City's exclusive remedy.

- (d) Insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of the Design Consultant under the terms of this indemnification obligation. The Design Consultant shall obtain, at its own expense, any additional insurance that it deems necessary for the City's protection.
- (e) This defense and indemnification obligation shall survive the expiration or termination of this Agreement.

5.09 Colorado Governmental Immunity Act. The parties hereto understand and agree that the City is relying upon, and has not waived, the monetary limitations (presently \$350,000 per person, \$990,000 per occurrence, subject to adjustment pursuant to C.R.S. § 24-10-114(1)(b)) and all other rights, immunities and protection provided by the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101, *et seq.*

5.10 Contract Documents; Order of Precedence. This Agreement consists of Sections 1 through 5, which precede the signature page, and the following attachment, which is incorporated herein and made a part hereof by reference:

Exhibit A	Scope of Work
Exhibit B	Key Personnel/Rates/Reimbursables
Exhibit C	ACORD Certificate of Insurance

In the event of an irreconcilable conflict between a provision of Sections 1 through 5 and the listed attachments, or between provisions of any attachments, such that it is impossible to give effect to both, the order of precedence to determine which provision shall control to resolve such conflict, is as follows:

- Sections 1 through 5
- Exhibit A
- Exhibit B
- Exhibit C

5.11 When Rights and Remedies Not Waived. In no event shall any payment by the City constitute a waiver of any breach of covenant or default which may then exist on the part of the Design Consultant. No assent, expressed or implied, to any breach of the Agreement shall be held to be a waiver of any later or other breach.

5.12 Governing Law; Venue. This Agreement shall be construed and enforced in accordance with the laws of the State of Colorado, the Charter and Revised Municipal Code of the City and County of Denver, and the ordinances, regulations and Executive Orders enacted or promulgated pursuant to the Charter and Code, including any amendments. The Charter and Revised Municipal Code of the City and County of Denver, as the same may be amended from time to time, are hereby expressly incorporated into this Agreement. Venue for any action arising hereunder shall be in the City and County of Denver, Colorado.

5.13 Conflict of Interest.

- (a) The parties agree that no employee of the City shall have any personal or beneficial interest in the services or property described herein, and the Design Consultant further agrees not to hire or contract for services with any employee or officer of the City which would be in violation of the Revised Municipal Code Chapter 2, Article IV, Code of Ethics or Denver City Charter provisions 1.2.9 and 1.2.12.
- (b) The Design Consultant agrees that it will not engage in any transaction, activity or conduct that would result in a conflict of interest under this Agreement. The Design Consultant represents that it has disclosed any and all current or potential conflicts of interest. A conflict of interest shall include transactions, activities or conduct that would affect the judgment,

actions or work of the Design Consultant by placing the Design Consultant's own interests, or the interests of any party with whom the Design Consultant has a contractual arrangement, in conflict with those of the City. The City, in its sole discretion, shall determine the existence of a conflict of interest and may terminate this Agreement in the event such a conflict exists after it has given the Design Consultant written notice which describes the conflict. The Design Consultant shall have thirty (30) days after the notice is received to eliminate or cure the conflict of interest in a manner that is acceptable to the City.

5.14 No Third Party Beneficiaries. Enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the City and the Design Consultant, and nothing contained in this Agreement shall give or allow any claim or right of action by any other or third person under this Agreement. It is the express intention of the parties that any person other than the City or the Design Consultant receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

5.15 Time is of the Essence. The parties agree that in the performance of the terms, conditions and requirements of this Agreement by the Design Consultant, time is of the essence.

5.16 Taxes, Charges and Penalties. The City and County of Denver shall not be liable for the payment of taxes, late charges, or penalties of any nature except as provided in the City's Prompt Payment Ordinance.

5.17 Proprietary or Confidential Information.

- (a) **City Information:** The Design Consultant acknowledges and accepts that, in performance of its work under the terms of this Agreement, the Design Consultant may have access to Proprietary Data or confidential information which may be owned or controlled by the City and that the disclosure of such data or information may be damaging to the City or third parties. As such, the Design Consultant agrees that all information provided or otherwise disclosed by the City to the Design Consultant be held in confidence and used only in the performance of its obligations under this Agreement. The Design Consultant shall exercise the same standard of care to protect such information as a reasonably prudent Design Consultant would to protect its own proprietary or confidential data. "Proprietary Data" shall mean geographic materials or Geographic Information Systems ("GIS") data owned by the City and County of Denver including but not limited to maps, computer programs, aerial photography, methodologies, software, diagnostics and documents; or any other materials or information which may be designated or marked "Proprietary" or "Confidential" and provided to or made available to the Design Consultant by the City. Such Proprietary Data may be in hardcopy, printed, digital or electronic format.
- (b) **Design Consultant's Information:** The parties understand that all the material provided or produced under this Agreement may be subject to the Colorado Open Records Act, C.R.S. §§ 24-72-201, *et seq.*, and that in the event of a request to the City for disclosure of such information, the City shall advise the Design Consultant of such request in order to give the Design Consultant the opportunity to object to the disclosure of any of its proprietary or confidential material. In the event of the filing of a lawsuit to compel such disclosure, the City will tender all such material to the court for judicial determination of the issue of disclosure and the Design Consultant agrees to intervene in such lawsuit to protect and assert its claims of privilege and against disclosure of such material or waive the same. The Design Consultant further agrees to defend, indemnify and save and hold harmless the City, its officers, agents and employees, from any claim, damages, expense, loss or costs arising out of the Design Consultant's intervention to protect and assert its claim of privilege against disclosure under this Article including, but not limited to, prompt reimbursement to the City of all reasonable attorney fees, costs and damages that the City may incur directly or may be ordered to pay by such court.

5.18 Use, Possession or Sale of Alcohol or Drugs. The Design Consultant, its officers, agents, and employees shall cooperate and comply with the provisions of Executive Order 94 and Attachment A thereto concerning the use, possession or sale of alcohol or drugs. Violation of these provisions or refusal to cooperate with implementation of the policy can result in the City's barring the Design Consultant from City facilities or participating in City operations.

5.19 No Employment of Illegal Aliens to Perform Work Under the Agreement.

(a) This Agreement is subject to Division 5 of Article IV of Chapter 20 of the Denver Revised Municipal Code, and any amendments (the "Certification Ordinance").

(b) The Consultant certifies that:

- (1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.
- (2) It will participate in the E-Verify Program, as defined in § 8-17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

(c) The Consultant also agrees and represents that:

- (1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (2) It shall not enter into a contract with a subconsultant or subcontractor that fails to certify to the Consultant that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in the E-Verify Program.
- (4) It is prohibited from using the E-Verify Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and that otherwise requires the Consultant to comply with any and all federal requirements related to use of the E-Verify Program including, by way of example, all program requirements related to employee notification and preservation of employee rights.
- (5) If it obtains actual knowledge that a subconsultant or subcontractor performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subconsultant or subcontractor and the City within three (3) days. The Design Consultant will also then terminate such subconsultant or subcontractor if within three (3) days after such notice the subconsultant or subcontractor does not stop employing or contracting with the illegal alien, unless during such three-day period the subconsultant or subcontractor provides information to establish that the subconsultant or subcontractor has not knowingly employed or contracted with an illegal alien.
- (6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S., or the City Auditor, under authority of D.R.M.C. § 20-90.3.

d. The Consultant is liable for any violations as provided in the Certification Ordinance. If Consultant violates any provision of this section or the Certification Ordinance, the City may terminate this Agreement for a breach of the Agreement. If the Agreement is so terminated, the Consultant shall be liable for actual and consequential damages to the City. Any such termination of a contract due to a violation of this section or the Certification Ordinance may also, at the discretion of the City, constitute grounds for disqualifying Consultant from submitting bids or proposals for future contracts with the City.

5.20 Disputes. All disputes between the City and Design Consultant regarding this Agreement shall be resolved by administrative hearing pursuant to the procedure established by D.R.M.C. § 56-106(b), *et seq.* For the purposes of that procedure, the City official rendering a final determination shall be the Director.

5.21 Waiver of C.R.S. §§ 13-20-802, et seq. The Design Consultant specifically waives all the provisions of Chapter 8 of Article 20 of Title 13, Colorado Revised Statutes (also designated C.R.S. §§ 13-20-802, *et seq.*) relating to design defects in the Project under this Agreement.

5.22 Survival of Certain Contract Provisions. The parties understand and agree that all terms and conditions of this Agreement, together with the exhibits and attachments hereto, which, by reasonable implication, contemplate continued performance or compliance beyond the termination of this Agreement, (by expiration of the term or otherwise), shall survive such termination and shall continue to be enforceable as provided herein. Without limiting the generality of the foregoing, the Design Consultant’s obligations for the provision of insurance and to indemnify the City shall survive for a period equal to any and all relevant statutes of limitation, plus the time necessary to fully resolve any claims, matters, or actions begun within that period.”

5.23 Advertising And Public Disclosure. The Design Consultant shall not include any reference to this Agreement or to services performed pursuant to this Agreement in any of its advertising or public relations materials without first obtaining the written approval of the Director, which will not be unreasonably withheld. Any oral presentation or written materials related to services performed under this Agreement shall include only services that have been accepted by the City. The Director shall be notified in advance of the date and time of any such presentation. Nothing in this provision shall preclude the transmittal of any information to officials of the City, including without limitation the Mayor, the Director, City Council or the Auditor.

5.24 Legal Authority. Design Consultant represents and warrants that it possesses the legal authority, pursuant to any proper, appropriate and official motion, resolution or action passed or taken, to enter into this Agreement. Each person signing and executing this Agreement on behalf of Design Consultant represents and warrants that he has been fully authorized by Consultant to execute this Agreement on behalf of Design Consultant and to validly and legally bind Design Consultant to all the terms, performances and provisions of this Agreement. The City shall have the right, in its sole discretion, to either temporarily suspend or permanently terminate this Agreement if there is a dispute as to the legal authority of either Design Consultant or the person signing the Agreement to enter into this Agreement.

5.25 Notices. Notices, bills, invoices or reports required by this Agreement shall be sufficiently delivered if sent in the United States mail, postage prepaid, to the Parties at the following addresses:

to the City: Executive Director of Mayor’s Office of the National
Western Center
5125 Race Ct.
Denver, Colorado 80216

to the Design Consultant: Populous, Inc.
1630 Stout Street
Denver, Colorado 80202

The addresses may be changed by the Parties by written notice.

5.26 Severability. It is understood and agreed by the parties hereto that, if any part, term, or provision of this Agreement, except for the provisions of this Agreement requiring prior appropriation and limiting the total amount to be paid by the City, is by the courts held to be illegal or in conflict with any law of the State of Colorado, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.

5.27 Agreement as Complete Integration-Amendments. This Agreement is intended as the complete integration of all understandings between the parties. No prior or contemporaneous addition, deletion

or other amendment shall have any force or effect, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion or other amendment hereto shall have any force or effect unless embodied in a written amendatory or other agreement executed by the parties and signed by the signatories to the original Agreement. This Agreement and any amendments shall be binding upon the parties, their successors and assigns.

5.28 Electronic Signatures and Electronic Records. Design Consultant consents to the use of electronic signatures by the City. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by the City in the manner specified by the City. The Parties agree not to deny the legal effect or enforceability of the Agreement solely because it is in electronic form or because an electronic record was used in its formation. The Parties agree not to object to the admissibility of the Agreement in the form of an electronic record, or a paper copy of an electronic document, or a paper copy of a document bearing an electronic signature, on the ground that it is an electronic record or electronic signature or that it is not in its original form or is not an original.

[SIGNATURE PAGES TO FOLLOW]

Contract Control Number: PWADM-201952732-00

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of:

SEAL

CITY AND COUNTY OF DENVER:

ATTEST:

By:

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

Attorney for the City and County of Denver

By:

By:

By:

Contract Control Number:
Contractor Name:

PWADM-201952732-00
Populous, Inc.

By: DocuSigned by:
Stewart Ervie
F9A537905F1441D... _____

Name: Stewart Ervie
(please print)

Title: Principal In Charge
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

Exhibits A through C

Exhibit A
Scope of Work

Livestock Center Designer

Scope of Services (referenced/updated from RFQ document)

NWCO ROLES AND RESPONSIBILITIES

- The **NWCO Program Director** is Stephanie Reed.
- The role of the **NWCO Vertical Portfolio Manager** is overall accountability for the performance of the vertical portfolio, in accordance approved baseline scope, schedule and cost, and compliance with required governance and standards. The Vertical Portfolio Manager reports to the NWCO Program Director.
- The role of the **NWCO Project Manager** is to be the Livestock Center contract manager, among other duties. The NWCO Project Manager reports to the NWCO Vertical Portfolio Manager.

SCOPE OF SERVICES

The selected Livestock Center Designer will support the vertical elements of the Capital Build Program by taking the emerging site concept designs and design criteria from NWCO and the Campus Placemaking team and developing the design(s) through 100%, including the delivery of “For Construction” drawings, specifications, and other information required to procure and support the Project construction. The horizontal design consultant (Merrick) is developing the pad-ready portion of the Project design (rough grading, drainage, and campus utilities). The Livestock Center Designer will coordinate with the Program’s horizontal designer, the Stockyards and Stockyards Event Center designer, the Equestrian Center designer, the Main Campus Plaza designer, WSSA’s Legacy Building designer, and CSU’s Animal Health designer to ensure adjacent parcel development and utility designs are fully coordinated.

Design services will be generally taken from conceptual design level, verifying the provided preliminary programming information, through to final design, and will be subject to review and approval at different stages of design – currently expected to be at conceptual, schematic design (SD), design development (DD), and construction documents (CD), but subject to change to expedite the schedule. Refer to the RFQ Attachment 9 for Design Criteria, Guidelines, and a list of expected Design Deliverables (specifically **Attachment 9.E**).

The Livestock Center Designer will be expected to manage design integration across the different elements of the design and across different packages. The Designer will need to manage quality control and assurance and these integration issues (including working within the overall campus layout and conceptual designs from Campus Placemaking, the horizontal designer, WSSA’s Legacy Building designer, the Equestrian Center designer, the Main Campus Plaza designer, and the Stockyards and Stockyards Event Center designer).

The Livestock Center Designer will be expected to work with the various City and County of Denver regulatory agencies for approval through the design process (i.e., Development Services, Engineering Regulatory Analytics, etc.).

It is anticipated that the Designer will contract with, lead and coordinate all design disciplines including, but not limited to structural, mechanical, electrical, plumbing, civil, geotechnical, surveying, landscaping, interior design, curtainwall/exterior enclosure, parking layout, sustainability/LEED, daylighting, vertical transportation, acoustical, lighting, waterproofing, data and communications, security, food service, signage/graphics, code compliance, ADA compliance, audio visual, cost estimating, and technical specifications. Additionally, the Designer will be responsible to work with the City to provide all required assistance necessary to obtain any and all land use, administrative, and/or entitlement type approvals needed by the project.

Architectural/Engineering Professional Services will begin with a programming effort to validate the Project's space programming and Baseline information (included with the RFQ as Attachment 8), and a conceptual design phase to develop initial plans, sections, and elevations for the Project in accordance with the Baseline requirements and information provided by the City, the Campus Placemaking consultant, the horizontal designer, the Equestrian Center designer, the WSSA's Legacy Building designer, the Main Campus Plaza designer, and the Stockyards and Stockyards Event Center designer. A designer's cost estimate is required at the conceptual level of design to ensure construction budget control.

As indicated previously, the horizontal designer is advancing the pad ready parcel design for grading (to within 12" of finished floor elevations), drainage (as part of the campus-wide water quality effort), and perimeter campus utilities (water, power, gas, sewer, stormwater, etc.). Once programming and conceptual design is complete and confirmed, a schematic design (SD) phase will be initiated. The Livestock Center Designer should anticipate a level of detail during the SD phase to allow the selected CM/GC to provide an opinion of cost of the 100% SD set (at 30% design). Furthermore, the Designer should anticipate a value engineering phase to occur after the SD phase to align Project scope with the construction budget.

The Project will then progress to a design development (DD) phase where the CM/GC will price the 100% DD documents for the Guaranteed Maximum Price (GMP) at +/-60% level of design. Again, the Livestock Center Designer should anticipate a value engineering phase to occur after the DD phase to align Project scope with the GMP and the Project budget. The creation of construction documents (CD) packages will follow, with subsequent construction administration and project closeout phases.

A further detailed outline of the anticipated scope of services that the Designer is to provide is set forth and described below. Anticipated services include, but are not limited to:

Task 1: Project Management: The Design Team shall be responsible for managing all Design Team activities throughout the duration of this contract, including but not limited to the following activities.

- Proactive participation and compliance with the Program's Health Safety Security and Environmental (HSSE) requirements and expectations
- Adherence to baseline schedule and meeting of deadlines and milestones;
- Quality Assurance and Quality Control of design work products;
- Value Engineering/Alternatives to stay within existing design and construction budgets and meet construction schedule requirements;
- Proactive design risk management;
- Sustainable design thinking and innovation, including the use and incorporation of site-generated materials in design, integration of water management and quality in landscaping and public realm, integration of a campus energy ambient temperature water loop (2-pipe system), use of different water sources in design and renewable energy solutions, daylighting, green-roof capability, use of photovoltaics, and requirements to conserve energy and natural resources (e.g., water, non-potable water use, air quality, waste generation, etc.) during construction
 - Provide energy modeling and administrative components associated with LEED Certification
 - Coordinate with independent commissioning consultant;
 - Coordinate with the Campus Energy Partner on building heating and cooling loads and HVAC equipment selection;
- Design integration and interfaces with other projects within the Program;

- Cost Estimating (engineer's estimates of the conceptual design, as well as SD and DD, approximately at 30% and 60% design);
- Managing scope creep while fulfilling expectations of all Program partners;
- Assistance in the assembly of CM/GC subcontractor procurement packages;
- During CM/GC's subcontractor Bidding, Buy-Out, and Negotiation:
 - Review substitutions, prepare and issue addenda in response to CM/GC's subcontractor bidder questions
 - Provide clarifications and interpretations of the documents;
- Effective management of CCD and other regulatory permitting and NWC Program governance approvals to meet the above;
- Community Engagement, including updates for use by other Program contracts and presentation updates to the National Western Center Citizens Advisory Committee (CAC)
- Participation in Strategic Design Leadership (SADL) Committee review process and meetings
- Construction/Site Permitting
 - Respond to Building Department review comments

Task 1 – Project Management Deliverables

1. **Project Management Plan (including):**
 - a) Organization
 - b) Meetings and Logistics
 - c) Design Approach / Value Engineering / Cost Control / Constructability Reviews
 - i) Programming Verification
 - ii) Schematic Design
 - iii) Design Development (Guaranteed Maximum Price set)
 - iv) Construction Documents
 - d) Design Schedule
 - e) Project Document / Drawing / Data Control
 - f) Health Safety Security and Environment Plan
 - g) Quality Plan
 - h) ReNEWW Approach
 - i) Project Interface with other NWCO and CSU projects and WSSA events
2. **Meeting Agendas and Minutes**
3. **Engineer's Cost Estimates at conceptual, SD, and DD**
4. **CM/GC Bidding and Buy-out support / responses**
5. **Permitting Report**
6. **CAC and SADL Presentations (refer to RFQ Attachment 9.E.19)**
7. **Monthly Progress Reporting and Invoices:** In accordance with the contract.

Task 2: Programming Verification / Conceptual Design: The Design Team shall perform the following activities:

- Provide any necessary evaluation or refinement of the Baseline and space programming requirements (reference RFQ Attachment 8)
- Establish conceptual architectural, civil, structural, parking, mechanical and electrical design of the Project illustrating the scale and relationship of the project components
- Verification of preliminary civil engineering, drainage, utilities, water quality designs provided by the Campus Placemaking consultant
- Provide conceptual cost estimate

- Perform site survey to confirm existing conditions
- Geotechnical investigation for new structure(s) and pavement design requirements
- Review environmental conditions, determine required federal, state and local environmental regulatory requirements and identify required permits, including permits for larger common area of development associated with air quality and stormwater management.

Task 2 – Programming Verification Deliverables (also refer to RFQ Attachment 9.E)

- 1. Programming Verification Report:** Based upon all information gathered by the Design Team during this phase (existing documents, meetings with user groups, direction from City), prepare a report verifying the programming of all facility components and site improvements.
- 2. Conceptual Design Documents**
- 3. Conceptual Design Cost Estimate**
- 4. Environmental/Permitting Documents, as required**

Task 3: Schematic Design: The Design Team shall perform the following activities:

- Building upon the conceptual design, provide schematic architectural, civil, structural, parking, mechanical, electrical, plumbing, fire alarm/protection, specialties, data/telecommunications, etc. design of the Project illustrating the scale and relationship of the project components
- Prepare and/or review environmental documents
- Environmental remediation design (soil, groundwater, soil and groundwater vapor and landfill gas), as required
- Conduct and prepare environmental surveys and clearance reports, as required
- Regulatory Permitting (i.e. NPDES, USACE 401/404, Colorado Air Quality, Dewatering, Denver Fire Department, Colorado Discharge Permit System, etc.), as required
- Refinement as may be needed of the CCD's Material Management Plan (MMP), and groundwater treatment designs, specific to the Livestock Center site
- Preliminary Parking Garage structural layout
- Preliminary structural steel layout
- Preliminary selections of major building systems and construction materials
- Preliminary renderings, elevations and outline specifications
- Identification of conveyance requirements
- Evaluation of Life Safety systems and building classification type
- Preliminary code analysis
- Comply with Design Review process (reference RFQ Attachment 9)
- Incorporation of potential campus-wide energy savings/sustainability/regeneration measures
- Sustainability / LEED Charette
- Provide engineer's cost estimate
- Review of the CM/GC's opinion of cost
- Value Engineering (as required)

Task 3 – Schematic Design Deliverables (also refer to RFQ Attachment 9.E)

- 1. Schematic Design documents**
- 2. Outline Specifications**

- 3. Code Analysis**
- 4. Environmental documents, as required**
- 5. Engineer's Cost Estimate**
- 6. Review of CM/GC's opinion of cost**
- 7. Presentations to Program Partners, SADL and NWC Authority Board**

Task 4: Design Development: The Design Team shall perform the following activities:

- Illustrate and describe the refinement of the design of the Project, establishing the scope, relationships, forms, size and appearance of the Project
- Program reconciliation
- Completed code analysis
- MEP equipment layout
- Reconciliation of potential campus-wide energy savings/sustainability/regeneration measures
- Assist the City with the preparation of Special Conditions to supplement the City's Standard Specifications for Construction General Contract Conditions, 2011 Edition
- Provide engineer's cost estimate
- Review and opinion of the CM/GC's GMP
- Value Engineering (as required)

Task 4 – Design Development Deliverables (also refer to RFQ Attachment 9.E)

- 1. Design Development documents (GMP set)**
- 2. Final Program Report**
- 3. Code Analysis**
- 4. CM/GC Special Conditions**
- 5. Engineer's Cost Estimate**
- 6. Review of CM/GC's GMP**
- 7. Presentations to Program Partners, SADL and NWC Authority Board**

Task 5: Construction Documents: The Design Team shall perform the following activities:

- Set forth in detail the requirements for construction of the Project
- Establish in detail the quality levels of materials and systems required for the Project
- Interior Design Services, including assistance with FFE selection and coordination
 - Selection of finishes and color schedule (exterior and interior)
 - Coordination, documentation and specification of new Furniture, Fixtures and Equipment planned for the facility
- Establish building commissioning requirements
- Finalize Construction Technical Specifications
- Value Engineering (as required)

Task 5 – Construction Documents Deliverables (also refer to RFQ Attachment 9.E)

- 1. Construction Documents (Issued for Construction set)**
- 2. Technical Specifications**
- 3. Material Options**
- 4. Building commissioning requirements**
- 5. Furniture, Fixtures, and Equipment Report**

Task 6: Construction Administration Services

- Review and respond to Request for Information (RFIs)
- Issue Supplemental Instructions (ASIs)
- Process CM/GC Submittals
- Review CM/GC proposed Change Orders
- Review CM/GC Payment Applications
- Observe the work in progress for conformance with the Contract Documents
- Provide guidance and assistance on Building Commissioning

Task 6 – Construction Administration Service Deliverables

- 1. Responses to RFIs, ASIs, Submittals**
- 2. Review and comment on CM/GC Change Orders and Payment Applications**
- 3. Site Visit Reports**

Task 7: Project Closeout

- Prepare, track, and confirm completion of Punch List(s)
- Review requests for Substantial and Final Completion
- Prepare Record Drawings based upon CM/GC-provided As-Built Drawings

Task 7 – Project Closeout Deliverables

- 1. Punchlist preparation and Punchlist Resolution Report**
- 2. Designer Recommendation for Substantial and Final Completion**
- 3. Record Drawings**

National Western Center
Livestock Center

11/13/2019

COST PROPOSAL - Baseline

Prime Consultant: POPULOUS

ARCHITECTURAL / ENGINEERING FEE PROPOSAL TABULATION FORM											
Consultant Name	FEE & PERCENTAGE DETAILS									M/WBE	
	TASK 1: Project Management Fee	TASK 2: Programming Verification Fee	TASK 3: Schematic Design Fee	TASK 4: Design Development Fee	TASK 5: Construction Documents Fee	TASK 6: Construction Administration Services Fee	TASK 7: Project Closeout Fee	TOTAL FEE	Percentage of Total Fee	M/WBE (Y / N)	M/WBE %
Prime Consultant:											
POPULOUS	\$ 500,000	\$ 285,000	\$ 420,000	\$ 650,000	\$ 1,150,000	\$ 870,000	\$ 40,000	\$ 3,915,000	53%	N	0%
Sub-Consultant Team Members:											
ABO GROUP (Associate Architect)	\$ -	\$ 10,000	\$ 95,000	\$ 140,000	\$ 268,000	\$ 15,000	\$ -	\$ 528,000	7%	Y	7%
AMBIENT ENERGY (LEED/Sustainability)	\$ -	\$ 2,891	\$ 48,376	\$ 21,148	\$ 33,042	\$ 44,955	\$ -	\$ 150,412	2%	Y	2%
COREY ELECTRICAL (Electrical)	\$ -	\$ 7,500	\$ 25,500	\$ 40,500	\$ 46,500	\$ 27,000	\$ -	\$ 147,000	2%	Y	2%
DIG Studio (Landscape)		\$ 10,060	\$ 16,160	\$ 24,590	\$ 29,390	\$ 11,990	\$ 3,310	\$ 95,500	1%	Y	1%
HCL (Structural)	\$ -	\$ -	\$ 35,000	\$ 75,000	\$ 120,000	\$ 63,500	\$ 2,000	\$ 295,500	4%	Y	4%
HOWE (Code, ADA)	\$ -	\$ -	\$ 15,840	\$ 64,870	\$ 52,370	\$ 8,420	\$ -	\$ 141,500	2%	N	0%
K2 (Tele, LV, AV, Audio, Audio, Acoustical)	\$ -	\$ 11,900	\$ 83,160	\$ 109,815	\$ 110,390	\$ 72,765	\$ 4,050	\$ 392,080	5%	Y	5%
KLOK (MEP)	\$ -	\$ 17,500	\$ 59,500	\$ 94,500	\$ 108,500	\$ 63,000	\$ -	\$ 343,000	5%	Y	5%
MARTIN MARTIN (Civil, Survey)	\$ 6,140	\$ 14,030	\$ 25,100	\$ 47,620	\$ 43,700	\$ 20,600	\$ 1,650	\$ 158,840	2%	N	0%
MARTIN MARTIN (Structural)	\$ 8,000	\$ 3,000	\$ 35,000	\$ 75,000	\$ 120,000	\$ 52,500	\$ 2,000	\$ 295,500	4%	N	0%
ME ENGINEERS (MEP, Security)	\$ -	\$ 30,000	\$ 102,000	\$ 162,000	\$ 186,000	\$ 108,000	\$ -	\$ 588,000	8%	N	0%
RLB (Cost Estimating)	\$ -	\$ 31,972	\$ 70,323	\$ 104,254	\$ -	\$ -	\$ -	\$ 206,549	3%	N	0%
VERITAS (FP, FA)	\$ -	\$ 1,440	\$ 6,000	\$ 8,880	\$ 18,600	\$ 8,880	\$ 1,950	\$ 45,750	1%	Y	1%
WC&P (Food Service)	\$ -	\$ 5,000	\$ 15,000	\$ 30,000	\$ 32,000	\$ 7,000	\$ 1,000	\$ 90,000	1%	N	0%
YEH (Geotechnical)	\$ -	\$ 52,880	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,880	1%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	N	0%
SUBTOTAL	\$ 514,140	\$ 483,173	\$ 1,051,959	\$ 1,648,177	\$ 2,318,492	\$ 1,373,610	\$ 55,960	\$ 7,445,511	100%		27%
Basic Services - Design Document Packages		\$ 5,000	\$ 7,500	\$ 5,000	\$ 7,500	\$ 5,000	\$ 5,000	\$ 35,000	0%	N	0%
Reimbursable Expenses - Prime	\$ -	\$ 15,000	\$ 15,000	\$ 15,000	\$ 8,000	\$ 10,000	\$ 2,000	\$ 65,000	0%	N	0%
Reimbursable Expenses - Subs (non M/WBE)	\$ -	\$ 1,125	\$ 3,400	\$ 6,750	\$ 6,250	\$ 3,800	\$ 525	\$ 21,850	0%	N	0%
Reimbursable Expenses - Subs (M/WBE)	\$ -	\$ 325	\$ 650	\$ 1,250	\$ 1,250	\$ 1,250	\$ 225	\$ 4,950	0%	Y	0%
Additional Services Allowance								\$ 400,000	0%		
GRAND TOTAL FEE	\$ 514,140	\$ 504,623	\$ 1,078,509	\$ 1,676,177	\$ 2,341,492	\$ 1,393,660	\$ 63,710	\$ 7,972,311	100%		27%
FEE NOTES / CLARIFICATIONS											

Exhibit B
Key Personnel /Rates/Fees

POPULOUS®

KEY PERSONNEL for the NWC LIVESTOCK (project by firm)

ABO	Ron Abo, Principal Jack Brinkley, Project Manager
AMBIENT	Linda Morrison, Project Manager
COREY	Anne Stilson-Cope, Owner Alex Wolke, Principal, PE Craig Turner, Project Manager, PE
DIG STUDIO	Laurel Raines, Senior Principal Ryan Godderz, Senior Landscape Architect
HCL	Jason Dahnke, Structural Manager
HOWE	Andrew Newman, Principal Ben Muscente, Associate Principal
K2	Ted Pyper, Principal (Acoustician) Kevin Hodgson, Principal (AV Designer) Brian King, Senior Consultant (Telecommunications) Ben Levison, Senior Consultant (Security Designer)
KLOK	Matt Heimerdinger, Project Manager (Mechanical) Damian Smith, Principal (Mechanical) Jessica Garcia, Project Manager (Electrical) Leif Rosenvold, Principal (Electrical)
MARTIN MARTIN	Tim Lack, Principal-in-Charge (Structural) Nicholas Ereckson, Associate (Structural)
ME ENGINEERS	Scott Paling, Principal-in-Charge (Civil) Jane Aschermann, Associate (Civil) Jeff Sawarynski, Senior Principal Matt Edwards, Senior Associate Leonard Gurule, Senior Associate Cristin Johnson, Associate Korey Kirschenmann, Senior Associate

POPULOUS™

POPULOUS	Stewart Ervie, Senior Architect PIC Dan Sullivan, Senior Project Manager Michael Simonds, Senior Project Architect Robert Wade, Senior Project Designer Charlie Kolarik, Senior Project Architect Christine Wright, Senior Interior Designer
RLB	Peter Knowles, Principal Jordan Miller, Cost Manager
VERITAS	Kerry Madigan, Project Manager
WC&P	William Caruso, Principal-in-Charge Stephen Young, Design Principal Marcin Zmiejko, Project Manager
YEH	John Tryba, Senior Project Manager Bob LaForce, Senior Engineer Hsing-Cheng Liu, Senior Engineer

Key Personnel Rates

Populous, Inc.

Title/Classification	Responsibilities	Rate/Hr.
Senior Principal	Member of senior management staff who oversees the project.	\$428
Senior Architect - PIC	Member of senior management staff who oversees the project. This person will always be available should an issue arise.	\$343
Senior Project Manager	Manages the resources of the firm, our consultants and associates to meet our contractual obligations. Reports to PIC.	\$278
Senior Project Architect	Manages the PA and works with the designer to translate their vision into working drawings that can be bid and built.	\$278
Senior Project Designer	Manages the PD, brings architectural form and detail to the project and addresses design issues issues.	\$278
Architect	Works with the designer to translate their vision into working drawings that can be bid and built.	\$219
Project Manager	Manages the resources of the firm, our consultants and associates to meet our contractual obligations. Reports to PIC.	\$219
Project Architect	Works with the designer to translate their vision into working drawings that can be bid and built.	\$219
Project Designer	Brings architectural form and detail to the project and addresses design issues issues.	\$219
Architecture Designer III	Designs and brings architectural form and detail to the project.	\$171
Architecture Designer II	Designs and brings architectural form and detail to the project.	\$155
Architecture Designer I	Designs and brings architectural form and detail to the project.	\$134
Senior Interior Designer	Manages interior design and works with other interior designers to come up with a vision and ensures it is executed.	\$242
Interior Designer	Works with other interior designers to come up with a vision and ensures it is executed.	\$166
Interior Designer III	Reports to managing interior designers and works to execute the interiors vision.	\$155
Interior Designer II	Reports to managing interior designers and works to execute the interiors vision.	\$140
Interior Designer I	Reports to managing interior designers and works to execute the interiors vision.	\$123
Senior Graphic Designer	Manages graphic design and works with other graphic designers to come up with a vision and ensures it is executed.	\$183
Graphic Designer	Works with other graphic designers to come up with a vision and ensures it is executed.	\$155
Graphic Designer II	Reports to managing graphic designers and works to execute the graphics vision.	\$140
Graphic Designer I	Reports to managing graphic designers and works to execute the graphics vision.	\$123
Administrative Assistant	Supports architectural and design staff throughout the project.	\$123
Specifications Writer	Prepares technical specifications for the project	\$219
Intern	Supports architectural and design staff throughout the project.	\$75

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: Varies .

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

SUB - CONSULTANT TEAM MEMBERS

Dig Studio

List **ALL** potential firm personnel titles/classification that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Sr. Principal	contracting, design lead, oversee project delivery	\$200.00
Principal	contracting, design lead, oversee project delivery	\$160.00
Sr. Landscape Architect	Task order project / team mgmt; oversee deliverables	\$130.00
Associate Landscape Architect	Project landscape architect	\$115.00
Designer II	Landscape design; graphic design	\$100.00
Designer I	Landscape design; graphic design	\$ 90.00
Irrigation Principal	Contracting, irrigation design lead, oversee project delivery	\$135.00
Irrigation Project Manager	Task order project / team mgmt; oversee deliverables	\$110.00
Irrigation Designer	Irrigation design and drawing production	\$ 95.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.0.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

SUB-CONSULTANT TEAM MEMBERS

Firm Name: HCL Engineering & Surveying

List **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Project Oversight	\$255.00
Civil Manager	Project and Task Management	\$180.00
Structural Manager	Project and Task Management	\$180.00
Senior Project Engineer	Design Tasks	\$155.00
Project Engineer	Design Tasks	\$140.00
Municipal Manager	Project and Task Management	\$215.00
Design Engineer II	Design Tasks	\$125.00
Design Engineer I	Design Tasks	\$115.00
Senior CAD Technician	CAD	\$125.00
CAD Technician	CAD	\$100.00
Administrative	Administrative Tasks	\$60.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.96.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction and travel costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Martin/Martin, Inc.

List **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal-in-Charge	Principal in Charge, technical expertise, manage technical team, quality control, and review of contract documents.	\$215.00
Associate	Manage civil production team, manage required civil entitlements, and assist with quality control systems.	\$185.00
Senior Project Engineer	Manage production team, coordination of work both in and out of house, design and review of construction documents, and QA/QC.	\$165.00
Project Engineer	Design calculations, coordination of work both in and out of house, design and review of construction documents, and QA/QC.	\$140.00
Professional Engineer	Design calculations, report writing, field observations, design and review of construction documents, and assistance with QA/QC.	\$130.00
Engineer-in-Training II	Design calculations, report writing, field observations, assistance with design of construction documents, and QA/QC.	\$120.00
Engineer-in-Training I	Design calculations, report writing, field observations, and assistance with design of construction documents.	\$110.00
Technician III	Creation of design models, management of file transfers both in and out of house, and assistance with QA/QC.	\$115.00
Technician II	Drafting, assistance with project setup for construction documents, modeling and drafting standards, and QA/QC.	\$100.00
Technician I	Redline drafting, assistance with sheet setup, and conformation to modeling and drafting standards.	\$100.00
Administrative Staff	Clerical duties, administrative requests, organize meetings, taking minutes, assist in substantiation documentation.	\$85.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.00 .

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction and travel costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

SUB-CONSULTANT TEAM MEMBERSFirm Name: Veritas Fire Engineering Inc.

Title/Classification	Responsibilities	Rate/Hr.
Project Manager	Managerial	\$142.49
Sr. Fire Protection Engineer	Technical Supervisory and Lead Engineer	\$142.49
Fire Protection Engineer	General Fire Protection Engineering and Design	\$ 86.59
Sr. Engineering Technician	Supervisory and Lead Fire Protection Design	\$ 98.64
Engineering Technician	Fire Protection Design	\$ 63.78
Administrative	Clerical Support	\$ 78.56

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.3281.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

SUB-CONSULTANT TEAM MEMBERSFirm Name: Yeh and Associates, Inc.

List **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager).

Title/Classification	Responsibilities	Rate/Hr.
Principal	Ensure project receives all needed support. Review schedule, budget.	\$195
Senior Project Manager	Responsible for day to day management of project.	\$173
Senior Project Specialist	Technical expert, performing investigations and preparing reports	\$163
Project Manager	Responsible for day to day management of limited scope projects.	\$147
Sr. Engineer/Geologist	Performs engineering/geological investigations.	\$126
Project Engineer/Geologist	Performs investigations, prepares reports.	\$110
Staff Engineer/Geologist	Performs calculations, sketches, checks drawings supplied by others.	\$89
Engineer/Geologist Intern	Supports more senior geologists in investigations and evaluations.	\$63
Construction Project Manager	Performs construction inspection, submits daily reports, reviews specs.	\$142
Construction Observer III	Inspects construction, submits daily field reports.	\$120
Construction Observer II	Inspects construction, write field reports.	\$105
Construction Observer I	Provide construction inspection services, write field reports.	\$89
Technician Leader or Supervisor	Conducts tests on soils, concrete, asphalt. Is fully certified.	\$110
Laboratory Supervisor	Organizes and oversees all lab activities for materials testing.	\$100
Technician III	Tests asphalt, concrete, aggregate, and soils. Trains entry level technicians.	\$84
Technician II	Samples and tests asphalt, concrete, aggregate, and soils.	\$68
Technician I	Samples and tests asphalt, concrete, aggregate, and soils.	\$55
CAD Designer	Prepares conceptual studies and designs.	\$120
CAD Technician	Assists in preparing CAD designs.	\$74
Administrative Assistant	Composes and types correspondence; maintains file system.	\$68

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.83.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

Exhibit C
Acord Insurance Certificate

