

**PROFESSIONAL ENGINEERING SERVICES CONTRACT FOR  
LAS VEGAS BLVD ROADWAY IMPROVEMENTS – I-215 TO FASHION SHOW DR**

THIS Contract, made and entered into this 15<sup>th</sup> day of June, 2021, between CLARK COUNTY, NEVADA, a political subdivision of the State of Nevada, hereinafter referred to as "COUNTY", and GCW, INC, a corporation authorized to do business under the laws of the State of Nevada, hereinafter referred to as "ENGINEER".

The initial addresses of the parties, which one party may change by giving notice to the respective other party, are as follows:

<b>COUNTY</b>	<b>ENGINEER</b>
Denis Cederburg, Director Clark County Department of Public Works 500 South Grand Central Parkway, Suite 2066 Las Vegas, Nevada 89106 (702) 455-6020	Tim McCoy, President GCW, Inc. 1555 S. Rainbow Boulevard Las Vegas, Nevada 89146 (702) 804-2000

**WITNESSETH**

**WHEREAS**, the COUNTY desires to obtain quality professional engineering services in connection with the work hereinafter described; and,

**WHEREAS**, the ENGINEER desires to provide such services in exchange for the fees hereinafter specified.

**WHEREAS**, this Contract is a continuation of the work completed as part of the Professional Engineering Services Contract for Roadway Improvements and Rehabilitation Various Roadways approved on July 19, 2016 and supplemented by Supplemental #1 approved on January 2, 2018, and Supplemental #2 approved on July 16, 2019.

**NOW, THEREFORE**, for and in consideration of the premises and mutual covenants herein contained, it is agreed as follows:

**ARTICLE I: DEFINITIONS**

As used in this Contract, the following terms shall have the meanings as set out below:

"County Surveyor" means the County Surveyor, or Deputy County Surveyor, for the County of Clark as designated by the Director to administer the Land Surveying aspects of this Contract.

"Director" means the Director of Public Works of the County of Clark and all persons designated by him, in a notice to the ENGINEER, to administer this Contract.

"Direct Salary" is defined as the actual base rate of pay on an hourly basis of the ENGINEER's employees whose time will be directly chargeable to this Contract. The ranges of base rate of

pay to be used by the ENGINEER under this Contract are those specified in Exhibit "A" attached hereto and made a part hereof by this reference.

"Project Area" means the area within Clark County, Nevada.

"Project" means the roadway improvements on Las Vegas Boulevard from I-215 South westbound ramps to Spring Mountain Road. The project limits also include Tropicana Avenue from Las Vegas Boulevard to Koval Lane, and Spring Mountain Road-Sands Avenue from Mel Torme Way to Koval Lane. Such improvements are to include, at a minimum, pavement rehabilitation, modifications to I-215/Las Vegas Boulevard interchange, pedestrian protection device installation and modification, curb & gutter reconstruction, sidewalk reconstruction/widening, ADA ramp upgrades, median reconstruction, driveway reconstruction, storm drain facilities, electrical modifications for median and street lighting systems, landscaping/irrigation modifications, property access, provider access, traffic signal modifications, utility adjustments, pavement markings, signing, power and communications system installation and connection to new smart poles, traffic signal upgrades, and other necessary appurtenances required to make a good, complete, and serviceable project. Improvements will be coordinated with new water line concurrently being designed by Las Vegas Valley Water District.

## ARTICLE II: SCOPE OF SERVICES

### 2.01 In General

The ENGINEER shall perform the Basic Services specified in section 2.02 hereof, as well as those Special Services specified in section 2.03 hereof that the Director authorizes the ENGINEER in writing, to perform.

Whenever the ENGINEER, in the course of performing the Basic Services, is required to present recommendations to the Director with respect to the advisability of or the need for any Special Service, such recommendation will be in writing and shall include a recommended scope of work for such Special Services and a recommended range of fees. If the ENGINEER recommends subcontract services, the recommendation shall also include the name(s) of the subcontractor(s) recommended by the ENGINEER and, if requested, a copy of the subcontract proposal(s).

#### 2.01.1 Engineer Assignment

The ENGINEER shall assign Tim McCoy, as the Project Manager, who shall be responsible for all services to be performed under this Contract. No work may commence until ENGINEER has received a separate Notice to Proceed to commence work under the contract. All of the services specified by this Contract shall be performed by the Project Manager, or by the ENGINEER's associates, employees and subconsultants under the personal supervision of the Project Manager. Should the Project Manager be unable to complete his or her responsibility for any reason, the ENGINEER shall notify the Director in writing, and within four (4) calendar days thereafter, nominate a replacement for the Director approval, in its reasonable discretion, who has an

equivalent amount of experience performing the same type of services as required for the Project. An approved replacement shall be assigned to the Project within ten (10) calendar days. If the Director is not satisfied with the replacement then the Director may terminate the Contract by giving five (5) days' written notice to the ENGINEER.

## **2.01.2 Subconsultant Services**

With respect to any subconsultant services performed in connection with performance of the terms and obligations imposed under these Contract provisions, the ENGINEER agrees as follows:

- A. To pay the subconsultant if and when the ENGINEER is paid for the subconsultant's portion of the work by the COUNTY. The ENGINEER shall provide to the COUNTY lien releases from its subconsultants.
- B. The subconsultant does not have any contractual rights with the COUNTY.
- C. The Director has the right in its discretion to approve every subconsultant prior to such subconsultant's performance of any portion of the Project.
- D. The ENGINEER shall require that each subconsultant performing any portion of the Project:
  - Is duly formed, in good standing, and authorized to do business in the State of Nevada;
  - Is a duly licensed or registered architect, engineer, or other professional, as the case may be, with the State of Nevada, and such license or certificate of registration is in full force and effect;
  - Has obtained any and all licenses, certificates and permits that are required to be obtained by subconsultant by the Nevada Revised Statues (NRS) and the Nevada Administrative Code (NAC), and by any other law, rule, regulation or ordinance applicable to subconsultant and to the performance of any part of the Project by subconsultant;
  - Is duly licensed and authorized to do business in the COUNTY, and such business license is in full force and effect; and
  - To comply with all laws, rules, regulations, and ordinances, as such may be amended, supplemented or modified from time to time, that are applicable to subconsultant and any portion of the Project performed by subconsultant.

## **2.02 Basic Engineering Services**

Beginning on the date the Director notifies the ENGINEER to begin performance pursuant to a written Notice to Proceed; the ENGINEER shall proceed with furnishing the engineering detailed construction plans and specifications, which enable the COUNTY to advertise, award, and administer a construction contract for the Project. Without limiting the generality of the following, the Basic Services shall include the following specific tasks which is a continuation of the tasks included in the Engineering Services Contract for Roadway Improvements and Rehabilitation Various Roadways approved on July 19, 2016 and supplemented by Supplemental #1 approved on January 2, 2018, and Supplemental #2 approved on July 16, 2019:

RR. Prepare final design for the trimming of bollards and removal of up to 500 bollards on Las Vegas Boulevard between "Welcome to Las Vegas" Sign and Spring Mountain Road. The task includes conducting site visits, attending progress meetings, evaluating sight visibility zones at 40 unsignalized driveways, conducting demonstration study, preparing cost estimates, and preparing restriping plans.

SS. Prepare final design for the widening of the sidewalk and installing bollards on the west side of Las Vegas Boulevard between Mandalay Bay Road and Tropicana Avenue. The sidewalk widening will widen the existing sidewalk up to a 22-foot width for approximately 1,600 linear feet and the bollard installation is along the west side of Las Vegas Boulevard between the northwest corner of Mandalay Bay Road and the southwest corner of Tropicana Avenue. The sidewalk improvements include the removal of 1,100 linear foot of existing landscape buffer in front of Luxor and planter areas in front of the Excalibur. The improvements also include the reconfiguration of the Las Vegas Boulevard/Reno Avenue and Las Vegas Boulevard/Mandalay Bay Road intersections to eliminate the existing pork chop islands, widen queuing areas, and install a new traffic signal system.

TT. Prepare final design for the pavement rehabilitation improvements on Spring Mountain Road-Sands Avenue from Mel Torme Way to Koval Lane. Improvements will include the replacement of traffic count loops between Mel Torme Way and Las Vegas Boulevard, and installation of detector loops for future vehicle detection on the east leg of Koval Lane intersection and west leg of Koval Lane.

UU. Incorporate the plans and specifications for the improvements to the Las Vegas Boulevard/Sands Avenue intersection and Sands Avenue – Las Vegas Boulevard to Koval Lane project designed by WSP Global, Co. into the Phase B contract documents.

VV. Prepare final design for improvements on Las Vegas Boulevard between Spring Mountain Road-Sands Avenue and just south of Fashion Show Drive, consisting of pavement reconstruction, and power/communications systems installation including smart poles. Incorporate the plans and specifications for these improvements into the Phase B contract documents.

WW. Perform drainage analysis and prepare storm drain design on Las Vegas Boulevard between Sunset Road and Russell Road consisting of the following tasks:

- Perform hydrologic and hydraulic analysis and design storm drain system to meet CCRFCD criteria that begins just north of the UPRR at-grade crossing and extends approximately 1,200 feet north to tie into the existing CCRFCD regional channel (TRMC-0290). The results of the analysis will be summarized in a memorandum with exhibits and submitted to CCPW and CCRFCD for review and comment.

- b. Based on the recommendations of the drainage analysis, prepare the design of storm drain improvements from the Las Vegas Boulevard/Sunset Road intersection to just north of the UPRR tracks, approximately 1,500 linear feet including the preparing of the hydraulic analysis of the proposed drainage system. The proposed storm drain system will consist of 14-ft x 3-ft reinforced concrete box including three (3) junction structures, retaining/head walls, and a channel confluence transition structure to connect to the existing CCRFCD unlined channel.
- c. Prepare final design to connect two existing culverts with a new junction structure and remove the existing headwalls on the west side of Las Vegas Boulevard, approximately 200 feet north of Russell Road. Perform drainage analysis to ensure on-site surface flows will not be impacted.
- d. Provide additional coordination with UPRR to submit three permit applications for the construction of new sidewalk over the railroad tracks and construction of communication conduit and storm drain pipe under the railroad tracks.
- e. Attend field diagnostics meeting at railroad crossing with UPRR.

XX. Prepare final design for the I-215/Las Vegas Boulevard Interchange improvements consisting of the following improvements:

- a. Widen the I-15 SB/I-215 EB Off-ramp beginning just upstream of the gore with the I-15 NB Off-ramp to Las Vegas Boulevard. This widening will provide a total of four eastbound approach lanes (LT/LT-TH/TH/RT) at the Las Vegas Boulevard intersection.
- b. Reconstruct the existing median on Las Vegas Boulevard to increase the left-turn lane storage capacity for the northbound and southbound left turns from Las Vegas Boulevard onto the I-215 ramps. The median reconstruct will also include extending the northbound and southbound left-turn lanes in advance of the ramp intersections.
- c. Modify the existing traffic signals at both I-215 ramp terminus at Las Vegas Boulevard.
- d. Install a total of three overhead sign bridge structures to facilitate lane assignments.

YY. Prepare final design of the rehabilitation on Tropicana Avenue between Las Vegas Boulevard and Koval Lane and incorporate into the bid package for Las Vegas Boulevard Phase E & F. The design shall include improvements shown in the NDOT SR 593 from Las Vegas Boulevard to SR 582/Boulder Highway and include the following tasks and improvements:

- a. Pavement rehabilitation.
- b. Removal of existing median barrier rail.
- c. Evaluation and upgrade existing sidewalk/ramps/driveways to conform to ADA.
- d. LED luminaire replacement.
- e. Traffic signal modifications at Ocean Dr/Tropicana Ave and Audrie St-Duke Ellington Way/Tropicana Ave
- f. Advanced eastbound detector loops at Koval Lane.
- g. Median and island modifications.

- h. ITS conduit, pull boxes and fiber optic cable consisting of 2-4" conduits on each side.
- i. Striping and signing replacement.
- j. Utility adjustments.
- k. Inventory and reconstruction of damaged sidewalk and curb & gutter.
- l. Coordinate relocating existing bus shelter on eastbound Tropicana Avenue, just west of Duke Ellington Way, behind the sidewalk with RTC.

ZZ. Incorporate utility designs for Cox, Verizon and ExteNet underground infrastructure, located within the Phase B LVBS Project limits, into the Phase B contract documents. ENGINEER shall input underground design information provided by the utilities into the Phase B AutoCAD design files (.dwg) and provide necessary construction notes and station/offset callouts on Communication Plans. Utilities shall provide all design information required, including but not limited to:

- a. Conduit number/size.
- b. Pull box size/location.
- c. Minimum conduit radii.
- d. Specifications for the materials and construction.
- e. Conductors/cabling will be installed by Cox and not shown on plans.

ENGINEER shall provide the following tasks:

- a. Coordinate with utility companies to refine the location of the underground infrastructure and integrate into proposed power, communication, and waterline infrastructure being constructed within the Las Vegas Boulevard roadway cross section.
- b. Prepare construction cost estimate, including developing bid items and incorporate payment descriptions for these bid items and technical specifications associated with this work into the special provisions for the LVBS Project.

AAA. Conduct falling weight deflectometer (FWD) testing in outer wheel paths of the inside and outside lanes at approximately 150-foot to 200-foot intervals and staggered in adjacent lanes. FWD testing will consist of four drops at each test point, one non-recorded drop at 9,000 pounds load and three recorded drops at 7,000, 9,000 and 12,000 pounds. The data will be analyzed to provide an estimate of the subgrade modulus at each drop point, which will be correlated to R-value. The data will be also analyzed using the AREA parameter as described in the *AASHTO 1993 Guide for Design of Pavement Structures*. This task will also include an in-depth analysis of the FWD data based on the back calculation method discussed in the *AASHTO 1993 Guide for Design of Pavement Structures* to provide pavement rehabilitation recommendations. These recommendations will be compared to visual observations to determine the proposed pavement rehabilitation methods along this corridor.

BBB. Obtain up to seventy-five (75) additional potholes as described in Exhibit "D".

CCC. Incorporate the proposed 36-inch water line plans and specifications being designed by Las Vegas Valley Water District (LVVWD)/Kimley-Horn into the contract documents, including the trenching and pavement replacement limits into the removal and construction plans. Attend weekly coordination meetings with LVVWD and Kimley-Horn.

DDD. Provide additional utility coordination consisting of the following tasks:

- a. Coordinate with NV Energy for the underground transmission line on Mandalay Bay Road.
- b. Coordinate with LVVWD for the existing Southern Nevada Water Authority (SNWA) waterline at the Reno Avenue intersection.
- c. Additional NVE design work for additional power for smart poles.
- d. Attend monthly utility coordination meetings, including LVVWD and NVE.

EEE. Provide field survey for additional improvements to supplement the aerial photography provided by the COUNTY.

FFF. Verify the existing right-of-way information provided by the COUNTY on Las Vegas Boulevard from I-215/Las Vegas Boulevard Interchange to Fashion Show Drive.

GGG. Coordinate the proposed street light and traffic signal poles within the Runway Protection Zone (RPZ) with the Federal Aviation Administration (FAA). Submit up to 66 forms (Form 7460-1) to the FAA for each street light and traffic signal pole locations. Prepare Memo of Understanding (MOU), with associated exhibits, between the COUNTY and the Clark County Department of Aviation (CCDOA) for proposed improvements within CCDOA property, consisting of pavement reconstruction, curb & gutter and sidewalk construction, and street light installation. Per CCDOA request, prepare a justification letter for the construction of new sidewalk within the RPZ along both sides of Las Vegas Boulevard.

HHH. Perform a lighting analysis to provide a street lighting design on Las Vegas Boulevard within the RPZ utilizing light poles with heights less than 16-foot high.

III. Prepare up to eighty (80) legal descriptions and exhibits for permanent easements including pedestrian access, traffic signal, and bollards and prepare up to twenty-five (25) temporary construction easement (TCE) documents.

JJJ. Provide additional developer coordination consisting of up to sixty (60) exhibits showing proposed on-site improvements and LVBS Project impacts.

KKK. Develop a proposed construction phasing and maintenance of traffic plan for the roadway, water, and sanitary sewer improvements and incorporate into Section 104 of the Special Provisions. Tasks include up to ten (10) meetings with COUNTY.

LLL. Provide the design of the proposed smart pole locations including the following:

- a. Layout the proposed smart pole locations from the north limits of Phase B (500 feet north of Russell Road) to Fashion Show Drive, approximately 3.2 miles, and prepare exhibits for use by Clark County Development Services. Perform field survey to stake proposed pole locations and conduct site walk to identify conflicts with existing utilities and landscaping.
- b. Prepare three foundation designs for new smart pole, adapter plate on new smart pole foundation for standard street light pole, and base plate retrofit for original smart pole foundation to accommodate new smart pole.
- c. Perform an environmental assessment to determine if the installation of smart poles to accommodate small cell wireless equipment on Las Vegas Boulevard between I-215 and Sahara Avenue requires a National Environmental Policy Act (NEPA) or National Historic Preservation Act (NHPA) Exclusive Assessment Permit.

MMM. Prepare final design of new sidewalk along both sides of Las Vegas Boulevard to fill in missing gap from Sunset Road to the north for approximately 3,700 feet on the west side and approximately 500 feet on the east side.

NNN. Provide final design of new storm drain facilities from the southwest corner of Las Vegas Boulevard/Fashion Show Drive to the northwest corner of Las Vegas Boulevard/Spring Mountain Road. The task includes installation of new storm drain pipe in the roadway and connect to the existing drop inlets collection roadway flow. Existing storm drain information including video of the existing storm drain pipe will be provided by the COUNTY. The existing storm drain pipe in the existing sidewalk on the west side of Las Vegas Boulevard will be maintained to collect the existing on-site laterals. Existing storm drain pipe will be repaired at the locations identified by the video and incorporated into the bid package for the LVBS Project Phase B.

OOO. Provide public outreach and website update support consisting assisting COUNTY in public outreach activities and updating information and exhibits to be shown on the COUNTY website.

## **2.03 Special Services**

The ENGINEER understands and agrees that execution of this Contract is not authorization to perform any work as specified in Section 2.03 Special Services.

The ENGINEER shall submit a written request to the Director for each Special Service desired to perform. The written request shall include a detailed description for the work to be performed, an amount “not to exceed” for each Special Service to be performed, and the time of performance to complete the Special Service. The ENGINEER shall perform the following Special Services if, as, and when approved in writing by the Director in the amount “not to exceed” and time period approved by the Director. Compensation will only be provided for work completed as authorized in writing by the

Director up to the total maximum amount for the Special Services listed below as specified in Section 5.02:

- A. Provide additional design and related services in the event the Director finds it necessary to perform additional work not specified in Section 2.02, but required for and related to the Project.
- B. Perform additional research and obtain certified copies of additional deeds, title reports, and data depicting property ownerships within the proposed additional road right-of-way/easement and prepare a right-of-way map depicting all properties within the added Project limits in the form prescribed by the COUNTY and containing the information called for in Exhibit "B" attached hereto and made a part hereof by this reference. Perform and prepare additional individual acquisition maps and legal descriptions of additional right-of-way acquisitions and temporary construction easement maps in the forms prescribed by the COUNTY and containing the information called for in Exhibit "B" attached hereto and made a part hereof by this reference.
- C. Obtain P.L.S. stamp certified topographic mapping of the additional Project area in sufficient detail and coverage to prepare construction plans and other studies for the Project.
- D. Perform services related to a re-advertisement for bids not caused by the ENGINEER's failure to perform in the first instance.
- E. Utility Potholing – Excavate and expose utilities, at additional ENGINEER recommended pothole locations per the requirements of Basic Services.
- F. Perform post-design services as requested by the COUNTY in writing after, the COUNTY awards the construction of this Project to a contractor. Items may include:
  - 1. Respond to contractor initiated requests for additional information.
  - 2. Attend construction meetings and field meetings, as requested by the COUNTY.
  - 3. Review and make recommendations on shop drawings submittals made during construction of the Project.
  - 4. Cause a registered professional engineer, who has substantial responsibility with respect to the design and preparation of the plans and specifications for the Project, to make periodic visits to the construction site to observe the progress and general quality of the work. Such visits shall be made at a frequency as specified by the Director. After each visit, the ENGINEER shall make a written report to the Director with respect to the progress and general quality of the work and the relationship of the work to the construction contract documents. This task shall not be construed to include the services of a Resident Project Representative.

5. Present written recommendations with respect to items submitted by the Director to the ENGINEER for evaluation under a “substitution clause” of a construction contract, evaluate the items and revise the plans and specifications accordingly.
6. Provide written responses to requests from the Director for technical clarifications and information during construction of the Project when such clarifications and need for technical information are not the result of error or omission on the part of the ENGINEER.

G. Provide Record Drawings following completion of Project construction and within sixty (60) days of receipt of hard copy as-built mark-ups. Update all drawing files and sheet drawings, incorporating all revisions and clarifications identified during construction and as requested by the Director. These documents shall constitute the “Record Drawings”. Each drawing sheet shall be dated and stamped to indicate “Record Drawings”. Furnish to the Director one an electronic copy of the Record Drawing in .pdf (300 dpi) format and all drawing files in AutoCAD’s “.dwg” format or “.dxf” format. The ENGINEER shall also return the hard copy as-built mark ups to the Director. An index of all drawing files, including reference files, shall also be provided.

H. Concurrent with the completion of 2.03 G above, furnish to the Director an electronic copy containing the imaged as-built “Record Drawings” for the Project, imaged preliminary or final design reports, if applicable, and other imaged documents as requested by the Director. The format for imaged files shall be Class IV, single image, 200 dpi “tagged image file format (tiff)” or other format acceptable to the Director. An index of all files shall also be provided.

I. Assist the COUNTY as an expert witness in any litigation with third parties or administrative proceedings arising in relation to the Project.

#### **2.04 Coordination**

In association with the Basic Services and upon request of the Director, the ENGINEER shall set up and attend periodic meetings with City, COUNTY, and State and federal officials designated by the Director as well as interested citizens. Such meetings will include the design conferences, design progress meetings, public meetings and hearings, and general information meetings for interested citizens.

#### **2.05 Approvals Required**

For the plans and specifications, the ENGINEER shall obtain the approval and signature of authorized representatives of the public utilities and governmental agencies affected by the Project, in addition to the signatures of COUNTY officials indicated on the COUNTY’s standard title block formats and drawings.

## **2.06 Engineer's Responsibility for Accuracy**

ENGINEER is responsible for the accuracy on their drawings, plans, calculated quantities, specifications, and proposals furnished by the ENGINEER under this Contract.

All items of improvements and work shown on final drawings and plans must be accurately set forth in the bid schedule prepared by the ENGINEER.

## **ARTICLE III: DUTIES OF THE COUNTY**

### **3.01 Other Duties**

- A. Provide access to the ENGINEER for all data and allow the ENGINEER to make copies of documents in the possession and control of the COUNTY Public Works Department, or available to the COUNTY Public Works Department, which are requested by the ENGINEER to perform its engineering services under this Contract.
- B. Perform and provide to the ENGINEER, evaluations on the ENGINEER's performance of the work specified herein. Evaluations will be made at the 60% level of completion of the ENGINEER's work and after the COUNTY has awarded a bid for the construction of the Project.

## **ARTICLE IV: TIME OF PERFORMANCE**

### **4.01 Time of Performance**

Subject to Section 4.02 hereof, the ENGINEER shall complete the following specific tasks, and all the work preceding such tasks on or before the date set out below for each phase:

<u>TASK</u>	<u>COMPLETION TIME</u>
60% Plans Submission for each phase.	Within 160 calendar days following the receipt of the notice from the Director to begin work for the phase under this Contract.
90% Plans and Special Provisions Submission for each phase.	Within 90 calendar days following the receipt of comments from the Director on the 60% Plan Submission for the phase.

Final Plans and Special Provisions for each phase.	Within 60 calendar days following the receipt of comments from the Director on the 90% Plan Submission for the phase.
Bidding Assistance Phase	Beginning when Project is advertised and lasting until Project is awarded to low bidder.

#### **4.02 Time Extensions**

Upon written request of the ENGINEER, the Director may grant time extensions to the extent of any delays caused by the COUNTY or other agencies with whom the work must be coordinated and over whom the ENGINEER has no control, but only to the extent that the exercise of due diligence and care, on the part of the ENGINEER, within the scope of its work under this Contract could not have avoided such delays and to the extent of any delays caused by force majeure, as that term is defined in Section 9.12 hereof.

## ARTICLE V: PAYMENT FOR SERVICES

### 5.01 Maximum Amount Payable

The maximum amount payable by the COUNTY to the ENGINEER shall be a sum of money equal to the Basic Services fees plus the Special Service fees, if, as, and when approved by the Director, and provided, however, that under no circumstances may the total amount payable to the ENGINEER under this Contract or in connection with the subject matter of this Contract, exceed the sum of Two Million Three Hundred Sixty Thousand and 00/100 Dollars (\$2,360,000.00) for the Basic Service fees, and Five Hundred Thousand and 00/100 Dollars (\$500,000.00) for Special Services fees, unless such sum is increased by the Clark County Board of Commissioners, but only to the extent such total sum is increased.

The ENGINEER is not authorized to perform any work outside the Scope of Services. Compensation will be only for work completed as authorized by the Scope of Services. Any changes to the Scope of Services must be approved by the Director in writing prior to the commencement of work as a supplement to this Contract. No additional compensation shall be paid to the ENGINEER for any additional work outside scope of services without the prior written authorization of the Director.

### 5.02 Basic Services and Special Services Fees

Compensation for the engineering services provided herein will be made on the basis of ENGINEER's direct salary, times a multiplier not to exceed of 3.35 plus direct non-salary expenses, plus actual approved subcontractor or subconsultant costs. The ENGINEER shall provide certified payrolls and Federal or State audited overhead rates at the Director's request.

Direct non-salary expenses incurred by the ENGINEER for work done under this Contract eligible for reimbursement by the COUNTY are as specified below:

- A. Identifiable reproduction costs applicable to the work, such as printing, binding, and related expenses.
- B. Identifiable communications expense, such as long distance telephone, overnight delivery charges (FedEx, UPS) and postage.
- C. Subconsultant or subcontractor services provided the COUNTY has given written prior approval for such service.

The Basic Services and Special Services fees shall not be paid to the ENGINEER unless the Director approves the purpose and the amount of such fees in writing.

In no event may the fees exceed the following Basic Services and the Special Services fees shown below in purposes or amounts:

<u>TASK</u>	<u>MAXIMUM AMOUNTS</u>
Basic Services 2.02 .....	\$2,360,000.00
Special Services 2.03 .....	\$500,000.00
Grand Total Basic and Special Services .....	\$2,860,000.00

**5.03 Method of Payment for Basic Services and Special Services Fees**

The ENGINEER will be paid on the basis of monthly invoice, submitted by the ENGINEER and approved by the Director. The ENGINEER shall invoice on a monthly basis regardless of the amount of work performed in the preceding month. The invoice shall include a summary of work completed by the ENGINEER during the preceding month. Additionally, the ENGINEER shall furnish with each invoice a summary of work performed during the invoice period. Within thirty (30) days of receipt of an invoice, the Director shall approve, or reject with cause, the invoice. The approved invoice shall then be reduced by 5%; such 5% representing a retention. The 95% not retained shall be paid to the ENGINEER after receipt of an approved invoice, as set forth below. Failure of the ENGINEER to provide a monthly invoice may result in the invoice payment being rejected by the COUNTY.

Fees shall be invoiced in the months which follow performances of such services and shall be paid by the COUNTY within sixty (60) days after receipt of an invoice submitted by the ENGINEER and approved by the Director unless the Director notifies the ENGINEER within such period of time that a payment or a portion thereof for the services rendered is in dispute. The COUNTY agrees that it will not unreasonably delay or withhold payment or approval of any invoice submitted by the ENGINEER.

At the sole discretion of the Director, in consultation with the ENGINEER, the retention shall be paid to the ENGINEER one hundred twenty (120) days after notice from the Director of satisfactory completion of Basic Services or after completion of 50% of the construction contract value or at such earlier time as the Director deems appropriate. The ENGINEER shall submit an invoice request payment of retention for approval by the Director. No interest will be paid on retention, but notwithstanding the release of retention, the ENGINEER shall continue to be responsible for its obligations under this agreement, including, but not limited to, any errors and omissions under the terms of this Contract.

The parties hereby agree that no penalty will be imposed upon the COUNTY for failure to pay the ENGINEER in a timely manner nor will the COUNTY require a discount for timely payment in accordance with the terms set forth in this Contract.

## ARTICLE VI: DESIGN CRITERIA; APPROVALS

### 6.01 Design Criteria

The ENGINEER shall employ design criteria established by the most recent publications of the American Association of State Highway and Transportation Officials (AASHTO) and standards established by the current policies and procedures of the Regional Transportation Commission of Southern Nevada, as well as those adopted by the Clark County Board of Commissioners. These shall include the most recent editions of the following publications:

- A. A Policy of Geometric Design of Highways & Streets and American Association of State Highways & Transportation Officials (AASHTO).
- B. Bridge Design Specifications, American Association of State Highways & Transportation Officials, Load and Resistance Factor Design (AASHTO LRFD).
- C. Uniform Standards Specifications for Public Works' Construction of Off-Site Improvements, Clark County, Nevada, Regional Transportation Commission of Southern Nevada.
- D. Uniform Standard Drawings for Public Works Construction of Off-Site Improvements, Clark County Area, Nevada Volumes I and II.
- E. Manual on Uniform Traffic Control Devices for Streets and Highways, Federal Highway Administration, U.S. Department of Transportation.
- F. Hydrologic Criteria and Drainage Design Manual, Clark County Regional Flood Control District.
- G. Standard Specifications for Road and Bridge Construction, State of Nevada Department of Transportation.
- H. Standard Plans for Road and Bridge Construction, State of Nevada Department of Transportation, English edition.
- I. Standard Highway Signs, Nevada Supplement, State of Nevada Department of Transportation, English edition.

### 6.02 Approvals

An approval by the Director, or any other instrumentality of the COUNTY, of any part of the ENGINEER's performance shall not be construed to waive compliance with this Contract or to establish a standard of performance other than that established by law unless such approval is in writing and expressly refers to:

- A. Specific items and the characteristics of such items subject to such a waiver; and,
- B. This Article VI, and in such event, such a waiver shall only be effective as to the specific items and the characteristics thereof identified in the writing.

The COUNTY's approval herein shall not relieve the ENGINEER of its responsibility to correct errors on the drawings, plans, specifications and proposals furnished by the ENGINEER under this Contract, and no payment to the ENGINEER will be made by the COUNTY for correction of such errors.

## **ARTICLE VII: TERM AND TERMINATION**

### **7.01 In General**

This Contract shall be in force and effect from and after the day on which the Director gives notice to the ENGINEER to begin work under this Contract under Section 2.02 above. This Contract shall remain in effect until one (1) year from the date listed in Article 4.01. This section shall not be construed to relieve either party of its obligations to perform under this Contract while the Contract is in effect. Termination of this Contract shall not release either party from any of its continuing obligations hereunder. This section shall not be construed to change any disputes arising out of this Contract or in connection with the subject matter hereof, nor shall this section be construed to change the date or the time on which a cause of action arising out of this Contract, or the subject matter hereof, would otherwise accrue under the statutes of limitations or doctrines of law.

The ENGINEER shall complete all other Basic Services and authorized Special Services by the end of December 31, 2024, unless the Board of County Commissioners amends such date in writing.

### **7.02 Termination by the COUNTY**

The Director may terminate this Contract at any time by giving thirty (30) days notice in writing to the ENGINEER. Upon receipt of such notice, the ENGINEER shall, unless the notice directs otherwise, immediately discontinue all services in connection with this Contract and shall proceed to cancel promptly all existing orders and contracts insofar as such orders or contracts are chargeable to this Contract. As soon as practicable after receipt of notice of termination, the ENGINEER shall submit a statement showing in detail the services performed under this Contract to the date of termination. The COUNTY shall then promptly pay the ENGINEER that portion of the prescribed fee which the services actually performed under this Contract bear to the total services called for under this Contract, less such payment on account of the fee as had been previously made.

## ARTICLE VIII: INSURANCE

### 8.01 In General

The ENGINEER shall obtain and maintain, for the duration of this Contract, insurance against claims for injuries to persons or damages to property or other losses which may arise from or in connection with the ENGINEER's negligence or fault in the performance of the work hereunder by the ENGINEER, the ENGINEER's agents, representatives, employees, or subcontractors of any tier.

### 8.02 Insurance Coverages

The ENGINEER will provide the COUNTY with certificates of insurance for coverage as listed below and endorsements establishing coverage required by this Contract within ten (10) calendar days after approval of this Contract by the Clark County Board of Commissioners. The certificate of endorsement for each insurance policy is to be signed by a person authorized by that insurer and licensed by the State of Nevada, and shall include the Project name on the certificate.

All deductibles and self-insured retention shall be fully disclosed in the certificate of insurance. No deductible or self-insured retention may exceed Twenty Five Thousand and 00/100 Dollars (\$25,000.00) without written approval of the COUNTY. If aggregate limits are imposed on bodily injury and property damage and professional liability coverage, the amount of such a limit must not be less than twice the amount of the limits required herein. All aggregates must be fully disclosed, and the amount must be entered on the required certificate of insurance. Any notice given to the ENGINEER with respect to the exhaustion of limits of insurance shall also be sent to the COUNTY. Each insurance company's rating, as shown in the latest "Best's Key Rating Guide" shall be fully disclosed and entered on the required certificate of insurance. The adequacy of the insurance supplied by the ENGINEER, including the rating and financial health of each insurance company providing coverages, is subject to approval by the COUNTY.

The insurance coverages are in the following amounts:

- A. The ENGINEER will maintain general liability coverage at limits of no less than One Million and 00/100 Dollars (\$1,000,000.00) specified combined single limit per occurrence for bodily injury (including death), personal injury and property damages. Coverage shall be on an "occurrence" basis only and not on a "claims made" basis; and the coverage must be provided on ISO commercial liability or on ISO broad form comprehensive general liability forms with no exception to the coverage provided in such forms. The policies must include, but not be limited to, coverage for: bodily injury, personal injury, broad form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. Policies must contain a primary and non-contributory clause and must contain a waiver of subrogation endorsement.

The COUNTY, its officers, its employees, and its volunteers must be expressly covered as “additional insureds.”

- B. Maintain automobile coverage at limits of no less than One Million and 00/100 Dollars (\$1,000,000.00) combined single limit “per accident” for bodily injury and property damage for all owned automobiles, non-owned automobiles, hired automobiles, or any automobile. The COUNTY, its officers, its employees, and its designated volunteers must be expressly covered as “additional insureds.”
- C. Maintain professional liability insurance at limits of no less than One Million and 00/100 Dollars (\$1,000,000.00) per occurrence and to insure against claims or losses arising out of the services provided by the ENGINEER, the ENGINEER’s agents, representatives or employees pursuant to the ENGINEER’s contract with the COUNTY. “Claims made” insurance coverage will continue for a period of three (3) years beyond the term of this Contract. Any retroactive date must coincide with or predate the date of this Contract and may not be advanced without the COUNTY’s consent. The ENGINEER’s professional liability insurance must provide coverage for the ENGINEER’s subcontractor if the subcontractor does not maintain professional liability insurance in the same amounts and manner as required for the ENGINEER.

#### **8.03 Additional Coverage**

The ENGINEER’s insurance shall be primary as respects to the COUNTY, its officers, its employees, and its volunteers. Any other coverage available to the COUNTY, its officers, its employees, and its volunteers shall be in excess over the insurance required of the ENGINEER. The insurance requirements specified herein do not relieve the ENGINEER of his responsibility or limit the amount of the ENGINEER’s liability to the COUNTY or other persons, and the ENGINEER is encouraged to purchase such additional insurance as the ENGINEER deems necessary.

#### **8.04 Notice of Cancellation**

The insurance certificates supplied by the ENGINEER must provide for a thirty (30) day notice to the COUNTY before implementation of a proposal to cancel required insurance coverage. This notice requirement does not waive the insurance requirements contained herein. In addition, the ENGINEER shall notify the COUNTY within thirty (30) days of any reduction in coverage or limits.

#### **8.05 Special Conditions**

- A. ENGINEER agrees, as a condition precedent to the performance of any work under this Contract and as a precondition to any obligation of COUNTY to make any payment under this Contract, to provide COUNTY with a certificate issued by the Employer’s Insurance Company of Nevada in accordance with NRS Section 616B.627. Prior to the expiration of such coverage, ENGINEER shall provide COUNTY with proof of continued coverage as a condition precedent to the continuation of work and payments under this Contract.

B. ENGINEER agrees to maintain coverage for industrial insurance pursuant to the terms of NRS Chapter 616 throughout the term of this Contract. If ENGINEER does not maintain such coverage, or fails to provide proof of continued coverage, ENGINEER agrees that COUNTY may withhold payment, order the ENGINEER to stop work, suspend the Contract or terminate the Contract.

#### **8.06 COUNTY's Remedies**

If the ENGINEER fails to maintain any of the insurance coverages required under this Contract, the COUNTY will have the option to:

- A. Terminate the Contract;
- B. Declare the ENGINEER in breach of Contract;
- C. Purchase replacement insurance; or
- D. Pay the premiums that are due on existing policies in order that the required coverage may be maintained.

The ENGINEER is responsible for any costs incurred by the COUNTY to maintain such insurance, and the COUNTY may collect the same from the ENGINEER or deduct the amount of costs incurred from any sums due the ENGINEER under this Contract.

### **ARTICLE IX: MISCELLANEOUS PROVISIONS**

#### **9.01 Indemnification**

##### Professional Liability:

ENGINEER agrees to indemnify and hold harmless COUNTY and all the officers, employees and agents of the COUNTY, and each of them, from and against any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees and costs, to the extent such liabilities, damages, losses, claims, actions or proceedings are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the ENGINEER, ENGINEER's employees and/or agents, in the performance of this Contract. If the ENGINEER is adjudicated to be liable by a trier of fact, the trier of fact shall award reasonable attorney's fees and costs to be paid to the COUNTY, as reimbursement for the attorney's fees and costs incurred by the COUNTY in defending the action, by the ENGINEER in an amount which is proportionate to the liability of the ENGINEER.

ENGINEER further agrees to defend, indemnify and hold harmless the COUNTY and all the officers, employees and agents of the COUNTY, and each of them, from and against any and all liabilities, damages, losses, claims, actions or proceedings caused by the negligence, errors, omissions, recklessness or intentional misconduct of the ENGINEER,

and ENGINEER's employees and/or agents, in the performance of this Contract when said liabilities, negligence, errors, omissions, recklessness or intentional misconduct are not based upon or arising out of the professional services performed under this Contract.

ENGINEER will not be required to defend, indemnify or hold harmless the public body or the employees, officers or agents of the COUNTY from any liability, damage, loss, claim, action or proceeding caused by the negligence, errors, omissions, recklessness or intentional misconduct of the employees, officers or agents of the COUNTY.

#### General and Automobile Liability:

As to acts or omissions which do not arise directly out of the performance of the professional services, including but not limited to those acts or omissions normally covered by general and automobile liability insurance, ENGINEER agrees to indemnify, defend (at COUNTY's option), and hold harmless COUNTY, its officers, employees from and against any and all losses, damages, fines, liability, claims, demands, causes of action, costs, expenses, judgments, including but not limited to reasonable costs of investigation, reasonable attorneys fees and expenses, reasonable consultants' fees and expenses, reasonable expert witnesses' fees and expenses and all court or arbitration or other alternative dispute resolution costs.

Furthermore, this entire Section 9.01 survives any termination or completion of this Contract.

#### **9.02 Non-Discrimination**

ENGINEER acknowledges that the COUNTY has an obligation to ensure that public funds are not used to subsidize private discrimination. ENGINEER recognizes that if they or their subcontractors are found guilty by an appropriate authority of refusing to hire or do business with an individual or company due to reasons of race, color, religion, sex, sexual orientation, gender identity or gender expression, age, disability, national origin, or any other protected status, the COUNTY may declare the ENGINEER in breach of the Contract, terminate the Contract, and designate the ENGINEER as non-responsible.

#### **9.03 Engineer's Responsibility for Services and Materials**

Until the COUNTY's acceptance of the services performed by the ENGINEER the ENGINEER shall have the charge and care of the services and of the materials to be used herein and shall bear the risk of injury, loss and/or damages to any part thereof by the action of the elements or from any other cause, whether arising from the execution or from the nonexecution of the services. The ENGINEER shall rebuild, repair, restore and make good all injuries, losses and/or damages to any portion of the services to be performed or the materials occasioned by any cause before its completion and acceptance and shall bear the expense thereof.

#### **9.04 Independent Contractor**

The relationship of the ENGINEER to the COUNTY shall be that of an independent contractor.

**9.05 Business Structure and Assignments**

The ENGINEER shall not assign this Contract or dispose of all or substantially all of its assets without the written consent of the Clark County Board of Commissioners.

**9.06 Subcontractors**

The ENGINEER shall not subcontract any part of its performance under this Contract without the written consent of the Director. Subcontractor shall carry insurance coverage equivalent to the ENGINEER.

**9.07 Parties and Interests**

This Contract shall not bestow any rights upon any third party, but rather shall bind and benefit the COUNTY and the ENGINEER only.

**9.08 Non-waiver**

Failure of either party hereto to insist on the strict performance of any of the agreements herein or to exercise any rights or remedies accruing hereunder upon the fault or failure of performance, shall not be considered a waiver of the right to insist upon and to enforce by any appropriate remedy, strict compliance with any other obligation hereunder, or to exercise any right or remedy occurring as a result of any future default or failure of performance.

**9.09 Applicable Laws**

This Contract is subject to all the laws of the State of Nevada, the ordinances of the County of Clark, Nevada, the laws of the federal government of the United States of America, and all of the rules and regulations of any regulatory body or officer having jurisdiction.

**9.10 Notices**

All notices required or permitted hereunder shall be in writing and shall be deemed delivered three (3) days after deposit in a United States Postal Service Post Office receptacle with proper postage affixed (certified mail, return receipt requested) to the respective other party at the address prescribed in the preamble to this Contract.

**9.11 Property: Copyrights**

The ENGINEER shall furnish to the COUNTY all field notes, reports, data, and electronic or magnetic media, and original tracings of all drawings and plans, maps, photographs, and other materials (including, if requested by the Director, design computations, design sketches and review drawings) prepared pursuant to this Contract

(hereinafter collectively referred to as "Documents"). The originals of such Documents shall be and remain the property of the COUNTY.

All of such Documents shall be deemed to be "works made for hire" prepared for the COUNTY. The ownership of all copyrights and all rights embodied in the copyrights in or to such Documents shall rest in the COUNTY when any such is subject to copyright. The ENGINEER agrees that it, nor any of its employees, shall have any right to copyright any of such Documents. The ENGINEER further agrees that neither it nor any of its employees shall exercise any of the rights embodied in the copyrights in or to such Documents, unless authorized to do so by the Clark County Board of Commissioners. The ENGINEER shall place a conspicuous notation upon each such Document which indicates that the copyright thereto is owned by the COUNTY.

Should it be finally determined, by a court or other tribunal of competent jurisdiction, that any of such Documents is not a "works made for hire," it is agreed that the provisions of this section shall be termed an assignment, sale, and transfer of the copyright in or to such Document to the COUNTY for the longest term allowed by law. Notwithstanding the foregoing, the ENGINEER may retain copies of such Documents and such copies shall remain the property of the ENGINEER. The ENGINEER shall have the right to use such copies as it may desire, but the ENGINEER may not sell, license, or otherwise market such Documents.

Documents, including drawings and specifications prepared by ENGINEER pursuant to this Contract, are not intended or represented to be suitable for reuse by COUNTY or others on extensions of the services provided for the Project or any other Project. Any use of completed Documents for other projects and/or any use of uncompleted Documents without specific written authorization from ENGINEER will be at the COUNTY's sole risk and without liability or legal exposure to ENGINEER.

## **9.12 Force Majeure**

In the event either party is rendered unable, wholly or in part by force majeure to carry out any of its obligations under this Contract, it is agreed that on such party's giving notice of the particulars of such force majeure in writing to the other party as soon as possible after the occurrence of the cause relied upon, then the obligations of the party giving such notice, to the extent it is affected by force majeure and to the extent that due diligence is being used to resume performance at the earliest practicable time, shall be suspended during the continuance of any inabilities so caused as to the extent provided, but for no longer period. Such cause shall, as far as possible, be remedied with all reasonable dispatch. In such an event, the ENGINEER shall provide an updated schedule satisfactory to the COUNTY for the completion of the remaining work called for under this Contract.

The term "force majeure" as used herein, shall include acts of God, acts of the public enemy, war, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, tornadoes, hurricanes, and restraints of government and people, explosions, breakage and not within the control of the party claiming such inability, which by the exercise of due diligence and care such party could not have avoided. The

term "force majeure" as used herein, does not include strikes, lockouts, work slowdowns, and other labor disturbances.

**9.13 Inspections and Audits**

The Director shall have the right to perform, or cause to be performed, audits of the books and records of the ENGINEER and inspections of all places where work is undertaken in connection with this Contract provided that the ENGINEER shall not be required to keep such books and records longer than three (3) years after the termination of this Contract.

**9.14 No Gratuities or Gifts**

The ENGINEER, or agent/representative of the ENGINEER, shall not offer or give any gratuities (in the form of entertainment, meals, gifts, or otherwise) to any officer or employee of the COUNTY with a view toward securing a contract or securing favorable treatment with respect to the awarding or amending or making of any determinations with respect to the performance of this Contract.

### **9.15 Entire Agreement**

This Contract contains all of the agreements of the parties.

*This Agreement may be executed in multiple counterparts, each of which shall be deemed an original Agreement and each of which shall constitute one and the same Agreement. The counterparts of this Agreement may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.*

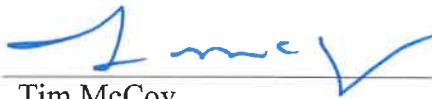
**IN WITNESS WHEREOF**, the parties have executed this Contract as of the date herein above set forth.

CLARK COUNTY, NEVADA

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Randall J. Tarr  
Assistant County Manager

GCW, INC.



Tim McCoy  
President

APPROVED AS TO FORM:

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Laura C. Rehfeldt  
Deputy District Attorney

**EXHIBIT "A"**  
**MAXIMUM DIRECT SALARY OF THE ENGINEER'S EMPLOYEES STANDARD  
 RATES**

CLASSIFICATION	DIRECT SALARY (Not to Exceed) (Standard Rates)
Principal	\$120.00
Associate	\$100.00
Supervising Engineer / Project Manager/ Land Surveyor	\$85.00
Senior Engineering / Project Manager/ Land Surveyor	\$70.00
Engineer / Project Manager / Land Surveyor	\$65.00
Supervising Designer	\$60.00
Senior Designer	\$48.00
Designer / Survey Office Technician	\$42.00
Engineering / Land Surveying Intern	\$42.00
GIS Analyst	\$34.00
Construction Specification Manager	\$79.00
Specification Technician	\$32.00
Senior CAD Technician	\$36.00
CAD Technician	\$30.00
Project Coordinator	\$40.00
Project Assistant 2 / Processor / Admin	\$35.00
Project Assistant 1	\$20.00
Survey: Party Chief	\$50.00
Survey: Instrument Operator	\$33.00

## EXHIBIT "B"

### RIGHT-OF-WAY MAPS, LEGAL DESCRIPTIONS, INDIVIDUAL ACQUISITION MAPS, AND TEMPORARY CONSTRUCTION EASEMENT MAPS

#### RIGHT-OF-WAY MAPS

Right-of-way-maps shall be 24" x 36" sheets to a scale of 1" = 100'. A roll plot of the right-of-way maps shall also be provided, with a width of approximately 9"-11", length of 5 ft., a scale not to exceed 1" = 100' but clearly legible, and a heading with the roadway name and to/from streets. If necessary to accommodate the entire corridor, more than one sheet of the roll plot can be provided, or the length of the plot allowed to exceed 5'. Coordinate specific requirements of the roll plot with the Project Manager prior to submission.

The right-of-way maps and roll plot shall include the following information as a minimum:

1. Project alignment information for section lines and sectional ties.
2. Subdivision map references; section and section subdivision (aliquot) part reference.
3. Existing encroachment conflict improvements and improvements in acquisition areas and immediately adjacent thereto.
4. Existing and proposed right-of-way lines; with right-of-way widths, (right-of-way acquisition area to be shaded).
5. Property lines, together with the recorded document reference that created the property line, and/or the current vesting document by its recorded reference.
6. Recorded document reference for existing rights-of-way, roadway and utility easements, and patent reservations.
7. Tax parcel numbers and owner's names for all parcels from which right-of-way may be required; tax parcel numbers only for all other parcels shown.
8. Street names, together with street widths.
9. Curve data to include radius, delta, arc length and tangent.
10. Legend.
11. City limits of municipalities.
12. Property schedule; property owner, and on parcels which require additional right-of-way provide acquisition areas in square feet and acres.
13. Basis of bearing.
14. North arrow.
15. Maps shall be signed and sealed by a Nevada licensed professional land surveyor (P.L.S.)
16. Acquisition schedule; detailing acquisition progress at the time of all plan submittals.

#### LEGAL DESCRIPTIONS

P.L.S. shall prepare legal descriptions in compliance with Nevada Revised Statutes Section 625.790. All legal descriptions and exhibits submitted for the acquisition of right-of-way shall include a signed cover letter or memo, on the ENGINEER's letterhead, stating that "all text, drawings, and calculations have been checked, are accurate and in compliance with the requirements contained in the engineering services contract"

## INDIVIDUAL ACQUISITION MAPS

Individual acquisition maps shall be 8 ½ " x 11" maps for all properties from which right-of-way is required. Individual acquisition maps shall include:

1. Tax parcel number and owner's name.
2. Subdivision map references, sectional and/or subdivision (aliquot) part references.
3. Existing and proposed right-of-way lines, with right-of-way widths.
4. Dimensions and bearings of the acquisition area.
5. Acquisition area to be shaded.
6. Existing cultural topo. Show contour lines only if appropriate.
7. Parcel areas in square feet and acres: total area, acquisition areas, remainder area, and area under existing improvements shall be indicated.
8. North arrow and scale.
9. U.S.A. patent reservations and area of right-of-way acquisition within U.S.A. patent reservation.
10. Listing of reference documents used to construct the map.
11. Existing improvements within the acquisition area and immediately adjacent thereto; all improvements shall be identified and dimensioned, as appropriate.
12. All property lines of the subject parcel together with the recorded document reference that created the property lines and/or the current vesting document by its recorded reference.
13. Existing easements of record within the acquisition area, with recording reference.
14. Curve data, including radius, delta, arc length and tangent.
15. Street names, together with street widths.
16. Maps shall be signed and sealed by a Nevada licensed professional land surveyor.

## TEMPORARY CONSTRUCTION EASEMENT MAPS

Temporary construction easement maps shall be individual 8 ½ " x 11" maps and shall include all data required for Individual Acquisition Maps including section views showing existing and proposed improvements, and indicating horizontal and vertical dimensions and purpose of the required easement.

All legal descriptions and exhibits submitted for the acquisition of right-of-way shall include a signed cover letter or memo, in the ENGINEER's letterhead, stating that "all text, drawings, and calculations have been checked, are accurate and in compliance with the requirements contained in the engineering services contract"

**EXHIBIT “C” – NOT USED**

## EXHIBIT "D"

### UTILITY COORDINATION & LOCATION IDENTIFICATION

The following description of the designation and locating phases are not intended to be comprehensive or inclusive, but is provided as a general outline of the work that is expected by the ENGINEER.

**Phase I – Designating:** For the purpose of this section "Designating" shall mean the process of using geophysical methods to determine the presence of a subsurface utility and mark its location using acceptable survey standards. SUE services shall include:

- Conduct records research to identify utility owners that are within the Project limits. The sources of information may include but is not limited to the utility company records and as-built plans, contract plans, One-Call, Public Utilities offices, and COUNTY offices.
- When designation and or location activities are to take place outside of right-of-ways, the ENGINEER shall request an access permit from the property owner prior to any entry on private property.
- Provide all maintenance and control of traffic to perform work. This includes obtaining an encroachment permit from the local permits officer and complying with all requirements imposed by said permit prior to initiating any field surveys. All traffic control plans must conform to the Manual on Uniform traffic Control Devices.
- Designate, field mark and record the approximate horizontal location of existing subsurface utilities using all of the following Quality Levels.

Quality Level D: information comes solely from existing utility as-built records.

Quality Level C: involves surveying visible aboveground utility facilities, such as manholes, valve boxes, posts, etc., and correlating this information with existing utility as-built records.

Quality Level B: involves the use of surface geophysical techniques to determine the existence and horizontal position of underground utilities. This activity is called "Designating". Two-dimensional mapping information is obtained.

Quality Level A: involves the use of nondestructive digging equipment at critical points to determine the precise horizontal and vertical position of underground utilities, as well as the type, size, condition, material, and other characteristics. This activity is called "Locating." It is the highest level presently available.

**Phase II – Locating:** For the purpose of this section, “Locating” shall mean the process of exposing and recording the precise vertical and horizontal location of a utility by excavating a pothole using vacuum extraction or comparable nondestructive equipment. The ENGINEER will determine and identify potential utility conflicts, which, if necessary, will require potholes to determine actual vertical location. The hours developed for this scope of work are based on seventy-five (75). The initial 75 potholes shall be included in Basic Services. Additional potholes will be considered as Special services and will require written authorization, from the Project Manager, prior to performing the work. The ENGINEER shall:

- Provide all maintenance and control of traffic to perform work. This includes obtaining an Encroachment permit from the permits officer and complying with all requirements imposed by said permit prior to initiating any potholes or field surveys. All traffic control plans must conform to the Manual on Uniform Traffic Control Devices.
- Coordinate with utility companies for inspection as required.
- Neatly cut and remove existing paving. Excavate pothole in such a manner as to prevent any damage to wrappings, coatings, or other protective coverings of the utility facility. Where conduits are concrete encased, determine top and bottom of encasements in addition to both sides. Utilities over 48" in diameter (or 4' in width on RCB's) will require potholes at the centerline of the utility and both sides. Utilities shall also be potholed on each side of the proposed structure location, located transversely to any proposed structure with a width in excess of six (6) feet.
- Where existing pavement exists, provide a restoration patch of pavement or concrete within the limits of the original cut at time of backfill, as required by the permitting agency. Such restoration and backfill procedures shall comply with the standards of the governmental authority that issued the applicable excavation permit. Whenever potholes are excavated outside of roadway pavement, these disturbed areas shall be restored, as nearly as possible, to the condition that existed prior to excavation.
- Furnish, install and color code per utility standards, a permanent above ground marker (i.e. P.K. nail, steel pin or hub) directly above the centerline of the structure (or by using offsets), and record the elevation of the marker. Prepare a sketch of each pothole, showing location of the existing utility in relation to the hub. Survey the ground marker and determine elevation of utility, and include in sketch.
- Provide an AutoCAD sheet file of the potholes horizontal and vertical location as well as the individual detailed information of each hole.
- Provide the following pothole information in an Excel spreadsheet:

Pothole reference number and description of the utility.

Elevation of top of utility.

Horizontal location using the x y coordinates further translated to project stationing and offset.

Identify the freeway, highway, route or city street on which the pothole is located.

Outside diameter of pipe or width of duct banks and configuration of non-encased, multi-conduit systems.

Identification of utility structure material composition, when possible.

Identification of benchmarks used to determine elevations.

Pavement thickness and type.

Elevation data shall be accurate to within 0.05' +/- based on benchmarks shown by consultant and horizontal accuracy shall be within 0.5' +/- based on the projects horizontal control.

**EXHIBIT “E” – NOT USED**

## DISCLOSURE OF OWNERSHIP/PRINCIPALS

<b>Business Entity Type (Please select one)</b>						
<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Partnership	<input type="checkbox"/> Limited Liability Company	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Trust	<input type="checkbox"/> Non-Profit Organization	<input type="checkbox"/> Other
<b>Business Designation Group (Please select all that apply)</b>						
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE	<input type="checkbox"/> SBE	<input type="checkbox"/> PBE	<input type="checkbox"/> VET	<input type="checkbox"/> DVET	<input type="checkbox"/> ESB
Minority Business Enterprise	Women-Owned Business Enterprise	Small Business Enterprise	Physically Challenged Business Enterprise	Veteran Owned Business	Disabled Veteran Owned Business	Emerging Small Business
<b>Number of Clark County Nevada Residents Employed:</b> 117						
<b>Corporate/Business Entity Name:</b> GCW, Inc.						
<b>(Include d.b.a., if applicable)</b>						
Street Address:	1555 South Rainbow Boulevard,		<b>Website:</b> www.gcwengineering.com			
City, State and Zip Code:	Las Vegas, NV 89146		<b>POC Name:</b> Tim McCoy <b>Email:</b> tmccoy@gcwengineering.com			
Telephone No:	702.804.2000		<b>Fax No:</b> 702.804.2299			
Nevada Local Street Address: (If different from above)			<b>Website:</b>			
City, State and Zip Code:			<b>Local Fax No:</b>			
Local Telephone No:			<b>Local POC Name:</b> <b>Email:</b>			

All entities, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity appearing before the Board.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest. The disclosure requirement, as applied to land-use applications, extends to the applicant and the landowner(s).

Entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

Full Name	Title	% Owned (Not required for Publicly Traded Corporations/Non-profit organizations)
GCW Holdings, Inc.	N/A	100%
Employee Stock Ownership Plan	(Not one employee owns 5% or more)	

**This section is not required for publicly-traded corporations. Are you a publicly-traded corporation?**  Yes  No

1. Are any individual members, partners, owners or principals, involved in the business entity, a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?

Yes  No (If yes, please note that County employee(s), or appointed/elected official(s) may not perform any work on professional service contracts, or other contracts, which are not subject to competitive bid.)

2. Do any individual members, partners, owners or principals have a spouse, registered domestic partner, child, parent, in-law or brother/sister, half-brother/half-sister, grandchild, grandparent, related to a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?

Yes  No (If yes, please complete the Disclosure of Relationship form on Page 2. If no, please print N/A on Page 2.)

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that the Board will not take action on land-use approvals, contract approvals, land sales, leases or exchanges without the completed disclosure form.

  
Signature

Tim McCoy

Print Name

President  
Title

May 27, 2021

Date

## DISCLOSURE OF RELATIONSHIP

**List any disclosures below:**  
(Mark N/A, if not applicable.)

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF COUNTY* EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO COUNTY* EMPLOYEE/OFFICIAL	COUNTY* EMPLOYEE'S/OFFICIAL'S DEPARTMENT
Johnnie Pate	Pamela Pate, PE LEEP AP	Spouse	Plant Design
	Principal Civil Engineer		

\* County employee means Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District.

"Consanguinity" is a relationship by blood. "Affinity" is a relationship by marriage.

"To the second degree of consanguinity" applies to the candidate's first and second degree of blood relatives as follows:

- Spouse – Registered Domestic Partners – Children – Parents – In-laws (first degree)
- Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws (second degree)

**For County Use Only:**

If any Disclosure of Relationship is noted above, please complete the following:

Yes  No Is the County employee(s) noted above involved in the contracting/selection process for this particular agenda item?

Yes  No Is the County employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:



Signature

Dennis Cederburg

Print Name

Authorized Department Representative